**Colt Wholesale SIP (Number Hosting)**

**REST APIs Guide**

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REST APIs Implementation Guide

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**Document History**

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**Revision history**

|  |  |  |
| --- | --- | --- |
| Revision | Date | Description |
| **1.0** | March 11, 2022 | Document Launch |
| **1.1** | June 11, 2022 | Document updates as per 11th June 2022 release:   * Updated section 2.1and 2.2 with recent updates in delivery roadmap. * Updated (section 6.3.5 with BE EDB/DS details, sections 7and 10 added for new REST APIs * API url changes highlighted in section 2.3 * Added section 4.7 for how to save binary files * Renaming of reservation cancellation REST API in sections 5.2.4, 5.3 and 11.1.1 * Country removed from NH API structure * Updated OAS specifications in **APPENDIX A: API Specifications** * Added new **APPENDIX D: UK Operator list** for allowed operator names in UK |
| **1.2** | July 23, 2022 | Document updates as per 23rd July 2022 release:   * JWT Authentication related details added in section 2.4 * Removed CDR section from v1.2. New REST API Guide created for CDRs * Added input parameters table in section 3 * Added July release- Admin Address for NL details in section 7.2.1 * Added details around new APIs in section 13 * Updated OAS specifications in **APPENDIX A: API Specifications** |
| **1.3** | September 24, 2022 | Document updates as per 24th September 2022 release:   * Updated section **4.11.4**, **5.1**, **5.3.5**, **6.2.2, 9 ,9.1** with EDB/DS details for Ireland RED * Updated DS details for address update node for applicable countries in section **9** highlighted in RED * Updated BE length for ‘Company Registration Number’ in section **5.3.5 , 6.2.2, 9.1** highlighted in RED * Updated section **4.11.4** with GB change Premises Number and Building Name (now optional fields) highlighted in RED * Updated OAS specifications in **APPENDIX A: API Specifications** * Added new section to describe list of error codes in **Appendix E: Error Codes** |
| **1.4** | November 26, 2022 | Document updates as per 26th November 2022 release:   * Document renamed from ‘Colt Voice REST API Guide 1.3’ to ‘Colt Number Hosting REST API Guide 1.4’ * REST API roadmap updated in section **1.1** * SOAP API decommission plan updated in section **1.2** * **2.1.1** updated with Authorization API end point url and decommissioning of v1 * end point URLs added in **3.1** for billing API * section **4** updated with Number Hosting product description * **4.2** updated with other documentations available for APIs * **4.2.2, 5.3.5, 6.2** updated with FR regulatory changes * **4.2.4** updated with end point URLs for numberManagement APIs * **4.3** updated with new API details * **4.7** updated country list with PREMIUM services * **4.11 to 4.11.4, 5.3.5, 6, 9, 10**  updated with new country list * **11.3** updated with new field 'parentTransactionID', added new sample responses * **APPENDIX A: API Specifications** updated with updated specifications |
| **1.5** | January 21, 2023 | Document updates:   * Section 1.2 updated with decommissioning plan * Sections 5.3.5 and 9 updated with FR Tri-party agreement changes |
| **1.6** | Mar 25, 2023 | Document updates to reflect 25th March 2023 release:   * Section 4.2- updated version number of documentations * Section 1.1 and 1.2- updated release details (target dates) * Section 1.3- updated with new address management REST API * Section 4.5, 13 and 14– updated with new REST APIs * Section 4.9 – updated PREMIUM offering (‘REMOVE’ is not supported) * Section 4.13.1- updated target date for Romania and Poland * NL changes are highlighted in sections: 4.13.4, 6.2, 9 * Section 4.14 updated with new number status, updated number lifecycle, ‘REMOVE’ action will no longer be supported * Section 5.2.4 updated with country List- PT will now offer Nomadic LAC * Section 6.2.2- updated to reflect the mandatory current operator field validation * Section 9 with new information about address and DS updates * Section 10.1.3- updated with new Port-out order and number lifecycle * **APPENDIX A: API Specifications** updated with updated specifications |
| **1.7** | July 22, 2023 | Document updates to reflect 22nd July 2023 release:   * Section 1.1 - updated release details (target dates) * Section 4.2- updated version number of documentations * Section 4.13.1 updated with Poland and Romania -ready for service * Sections 4.13.3, 4.13.4, 5.1, 5.3.5, 9.2, 9.3, 14.1.1, 14.1.2, 14.1.3 updated with FR changes * Section 6.2.2, 11.1.4 updated with new optional portin field for BE * Section 5.2.4 updated with NL Nomadic number search type and category changes * Sections 5.3.5, 6.2.2, 9.2 updated with removal of DS field for IE * Sections 6.1.1, 6.1.3, 6.1.4 updated with new portIn status * Section **APPENDIX A: API Specifications** updated with updated OAS specifications for number management and address management. * New Section **APPENDIX E: Attachments in API request** added in the document |
| **1.8** | Sept 23, 2023 | Document updates to reflect 22rd Sept 2023 release:   * Section 4.2- updated version number of documentations * Sections 4.5, 7, 8, 10.1.2, 11.2,updated with new REST API details * Sections 5.3.5, 6.2.2 and 9 updated with CH new ‘orientationNumber’ field and UK ‘streetNumber’ field validation changes. * Section 6.2.2 updated with additional info about NL port-in/out * Section 6.2.2 updated with Main billing number change for GB * Section **APPENDIX A: API Specifications** updated with updated OAS specifications for number management and address management. |
| **1.9** | Dec 2, 2023 | Document updates to reflect 2nd Dec 2023 release:   * Section 4.2- updated version number of documentations * Sections 4.5, 4.4.2, 10.2 updated with new reactivation REST API details * Section 10.1.3 updated with additional info about NL port out when contract type is received as ‘Continuation’ * Sections 4.14.1, 4.14.4 updated with IT port-in deactivation/reactivation changes * Section 6.1.2 updated with NL 088 numbers portin/out process * Section 9.1 updated with additional information about CIF/NIF field in Spain * Section 11.2 updated with new change to support search list of orders by customer reference using Order List API * Sections 5.2.9, 5.3.4, 5.3.5, 6.2, 6.3.5, 8.1, 9, 10.1.1, 10.1.2 updated with new change to support ‘cli’ in all REST APIs to provide single number in the request. * Section 13 updated with new field numberPrefix for JIT APIs * Section **APPENDIX A: API Specifications** updated with updated OAS specification for number management. |
| **2.0** | Mar 16, 2024 | Document updates to reflect 2nd Dec 2023 release:   * Sections 1.1and 1.2 updated with API decommissioning dates * Section 4.2- updated version number of documentations * Section 6.3.7 updated with mandatory ‘notes’ change for NL port-in cancellation * Section 11.1.3 updated with archive data information for order details * Section 11.3 updated with subscriber based callBack notification * Section 13.2 updated with additional details about lockId * Section **APPENDIX A: API Specifications** updated with new YAMLs. |
| **2.1** | May 18, 2024 | Document updates to reflect 18th May 2024 release:   * Sections 1.1 and 1.2 updated with API decommissioning dates * Sections 1.3, 4.4.5 updated with new REST API (VAT, CIF/NIF validation) * Section 4.2 - updated version number of documentations * Section 4.4.6 - updated with information regarding Austria * Section 4.4.7 – updated regarding FR RIO code * Sections 6.1.2, 10.1.2 updated with NL 088 numbers activation and deactivation process * Sections 4.13.4, 5.1, 5.3.5, 9.1, 9.4 and 11.1 updated with CH address and DS details * Sections 4.13.4, 5.3.5 and 9.4 updated with new field for ES and PT * Section 5.2.3 updated with LU number search details * Section 5.2.4 updated with Zone B free nomadic number search details * Section 8.1 updated with DE information and FR RIO code for CLI Details API * **APPENDIX A: API Specifications** updated with new YAMLs. * **APPENDIX E** updated with NL attachment details |
| **2.2** | July 20, 2024 | Document updates to reflect 20th July 2024 release:   * Section 4.2 - updated version number of documentations * Section 4.4.8 added for UK new feature ‘Pre-order Validation’ * Sections 5.3.5, 6.2.2 and 9.2 updated First/last name length for NL * **APPENDIX A: API Specifications** updated with new YAMLs. |
| **2.3** | Oct 19, 2024 | Document updates to reflect 19th Oct 2024 release:   * Section 1.2 updated with API decommissioning dates * Section 4.2 - updated version number of documentations * Sections 4.4.2, 5.3.1, 5.3.4 and APPENDIX E: 'Attachments in API request’ updated with ES regulatory change * Sections 4.13.4, 5.3.5, 6.2.2 and 9.2 updated with AT address and DS details * Section 4.4.5 updated with information regarding Vies API * Section 10.1.3 updated with change in DE port out process for Registered resellers * Section 11.1.3 updated with details regarding change in order description in case of emergency database update failure and new rejection code/reason * Section 12 updated with DE coordinates information required for getting validLAC * **APPENDIX A: API Specifications** updated with new YAMLs. |
| **2.4** | **Jan 11, 2025** | Document updates to reflect 11th Jan 2025 release:   * Sections 1.1 and 1.2 updated with API decommissioning dates * Section 1.3 updated with new REST API details * Section 4.2 - updated version number of documentations * Sections 5.2.3 and 5.2.4 updated with Poland block size change * **APPENDIX A: API Specifications** updated with new YAMLs. |
| **2.5** | **Mar 8, 2025** | Document updates to reflect 8th March 2025 release highlighted in red:   * Section 1.3 updated with new REST API details * Section 4.2 - updated version number of documentations * Sections 4.4.7, 6.2.2 and **APPENDIX E: Attachments in API request** updated with FR RIO code details and supplementary document file format updated (to accept .csv file for RIO code file upload) * Sections 4.13.4, 5.3.5, 6.2.2 and 9.2 updated with Portugal address field length/validation changes * Sections 4.14, 5.2.2 and 5.2.6 updated with new number status * Sections 5.3.5, 6.2.2 and 9.2 updated with IE building name length update, GB not allowed characters list update, house number pattern validation removal for all countries except NL, AT business suffix DS field made optional. * **APPENDIX A: API Specifications** updated with new YAMLs for number and address management APIs. |

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# **Introduction**

We’ve started supporting Next Gen REST APIs for Wholesale SIP (Number Hosting).

Our Next Gen APIs:

* Conform to the Industry standard REST-JSON APIs
* Aligns with TMF conventions
* Support OAuth2 and JWT based authentication and authorization
* Support open API specifications (earlier swagger)
* Supports flexible version management (from our next release)
* Offers a standard format for numbers, date-time, etc.
* Optimizes fields
* No change with respect to synchronous/asynchronous API behavior

## REST API releases

Please refer to the table below for REST APIs release details. For the release notes please go to colt.net/cocom.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Release 1, 2 and 3  2022 | | | Release 4, 5 and 6  2023 | |
| GET /numberCollection | POST /numberCollectionPortIn | GET /ratedCallDetailRecord | POST/ validateAddress\* | POST/numberCollectionPortOutOrderUpdate |
| POST /numberCollectionReservation | POST /numberCollectionPortOrderUpdate | GET /unratedCallDetailRecord | GET/validLAC\* | GET/CLIDetails |
| POST /numberCollectionCancellation | POST /numberCollectionUpdateCustomerDetails | POST /generateConsolidatedUnratedCallDetailRecord | POST/freeNumberBackfill \*\* | GET/CLIOrderHistory |
| POST /numberCollectionActivation | GET/freeNumberCount \*\* | GET /consolidatedUnratedCallDetailRecord | POST/cancelNumberBackfill \*\* | GET/Order |
| GET /order/{orderId} | POST/lockFreeNumbers \*\* | GET /nonUsageReport |  | POST/ numberCollectionDeactivation |
| POST /oauth/authorisation (access token request) |  | GET /ratedCallDetailRecord |  | POST/numberCollectionReactivation |

\*these APIs will replace the current validGeographicAddress REST API to validate the address and get validLAC in the response.

\*\* these four APIs are for restricted use only,

**Decommissioning of REST APIs**

1. *v1 of Authorisation API decommissioned on 25th March 2023.*
2. *the decommissioning of these REST APIs are planned for Q1 2026. Please plan your movement to new APIGEE REST APIs by March 2026.*
3. *the decommissioning of validGeographicAddress REST API will happen in 2027. Till then this API will continue to run in parallel with other address management APIs.*

## Wholesale SIP (Number Hosting) SOAP API decommissioning plan

Existing SOAP APIs will run in parallel with REST APIs.

The decommissioning of SOAP APIs is planned for Q3 2026 (these are target decommissioning dates).

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * The decommissioning of SOAP APIs (& HTTPs end point URLs) will start from 2026 onwards. * Wholesale SIP (Number Hosting) APIs will be available on APIGEE platform by Jan 2025 and Address Management + CDR APIs by Q1 2025. More details is shared in Jan & March 2025 release notes. * Movement to APIGEE needs to be completed by Mar 2026. |

## Access & End-Point URLs

Colt REST APIs can be enabled in these environments below:

* Production: live environment. Network, billing & emergency services are enabled.
* Sandbox: non-production environment for testing the production version of the APIs. Network, billing & emergency services are not enabled.
* Beta: non-production environment for testing new features before a release, with an upcoming version of APIs. Only available before a new release. Network, billing & emergency services are not enabled.

|  |  |  |
| --- | --- | --- |
| Interface | Production | version |
| **SOAP** | WSDL URL  https://wbmdmzis02.colt.net/ws/ColtNumberHosting.common.webSvcProvider:numberHosting?WSDL  End point URL  <https://wbmdmzis02.colt.net/ws/ColtNumberHosting.common.webSvcProvider:numberHosting/ColtNumberHosting_common_webSvcProvider_numberHosting_Port> | - |
| **HTTPS** | <https://wbmdmzis02.colt.net/invoke/ColtNumberHosting.common.http/> + API name | - |
| **REST** | **validGeographicAddress API**  end point: <https://wbmdmzis02.colt.net>  resource: /rest/ColtNumberHosting/common/restSvc/v1/validGeographicAddress | v1 |
| **REST** | **Authorization**  end point: <https://apimgd01.colt.net/oauth/v2>  Resource: resource name | v2 |
| **REST** | **Billing APIs**  End point: <https://apimgd01.colt.net/usageManagement/v1>  Resource: resource name | v1 |
| **REST** | **numberManagement APIs (NH REST APIs)**  End point: <https://apimgd01.colt.net/numberManagement/v2>  Resource: resource name | v2 |
| **REST** | **Address Management APIs (NH REST APIs)**  End point: <https://apimgd01.colt.net/AddressManagement/v1>  Resource: resource name | v1 |
| **REST** | **VAT, CIF/NIF validation**  End point: <https://apimgd01.colt.net/common-services/v1>  Resource: /check-vat-number | V1 |
| **REST (APIGEE)** | **Authentication API (OAuth 2.0)**  end point: <https://apis.colt.net/authentication>  Resource: resource name | v1 |
| **REST (APIGEE)** | **numberManagement APIs (Wholesale SIP REST APIs)**  End point: <https://apis.colt.net/numberManagement>  Resource: resource name | v1 |
| **REST (APIGEE)** | **Address management APIs**  end point: <https://apis.colt.net/addressManagement>  Resource: resource name | v1 |
| **REST (APIGEE)** | **VAT, CIF/NIF validation**  End point: [https://apis.colt.net/](https://apis.colt.net/numberManagement)common-services  Resource: resource name | v1 |
| **REST** | **Billing APIs**  End point: [https://apis.colt.net/](https://apis.colt.net/numberManagement)usageManagement  Resource: resource name | v1 |

### Error handling

#### Error Schema

|  |  |
| --- | --- |
| description: | Used when an API throws an Error, typically with a HTTP error response-code (3xx, 4xx, 5xx) |
| code\* | string *example: ERR01*  Application relevant detail, defined in the API or a common list. |
| reason\* | string  Explanation of the reason for the error which can be shown to a client user. |
| message | string  More details and corrective actions related to the error which can be shown to a client user. |
| status | string *example: 401-02*  HTTP Error code extension |

**Header:**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |
| APIGWExceptionSystem |  | string |
| APIGWExceptionCode |  | string |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |

#### Example

Below is the TMF compliant error payload:

{

"code": "ERR01",

"reason": "string",

"message": "string",

"status": "401-02"

}

## How to get access to new REST APIs, Colt API portal & support

Please inform your account manager to request access to the sandbox and/or production environments for the REST APIs and access to Colt API portal.

**Sandbox support**

Support for sandbox testing will be provided by the Voice API Support team and is a chargeable service. Please contact your account manager for further information.

**Beta support**

Support in the beta environment will be provided by our testing team who are directly involved and responsible for the upcoming release. Contact details are published in the Wholesale SIP (Number Hosting) release note.

**Production support**

Please inform your account manager to request access to the sandbox and/or production environments for the REST APIs. You can raise any questions or issues to them directly and they will work to resolve these with our back office IT support.

* ***Oauth 2.0 authentication:***

Your Client ID and Client Secret will be shared with you by Colt’s Reseller Support Voice team and

* ***JWT Authentication:***

If you wish to use JWT authentication, then you will need to share the JWT public certificate (zipped) and name of the token issuer. Your Application ID (s) to add into the JWT key as the ‘Audience’ value will be shared with you by Colt’s Reseller Support Voice team.

# **Authorization**

Industry standard authentication and authorization mechanism is now enabled

* Authentication API is implemented
* **OAuth 2.0** access token (applicable for 30 mins only) with client\_credential grant type used to authenticate clients You can request up to 5 CLIENT\_ID + CLIENT\_Secret per company account.
* **JWT authentication type** is also supported for these APIs now.
* This will giveoptions to users to opt for any one of the authentication types

## Oauth 2.0 Authentication

### API Details

**Resource name for Authorisation API :** /token

**Method**: POST

**end point URL:** <https://apimgd01.colt.net/oauth/v2>/token

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request Body** | | |
| grant\_type | Mandatory | Value= client\_credentials  CLIENT ID & CLIENT SECRET |

**Request headers:**

APIGWTrackingId: 12345

Authorization: Basic Mzc2OWJkOTgtNjE0Yy00NmNjLWFmNWUtMmYyZjTFiLWQyMzUxZTVjMzE2Yg==

User-Agent: PostmanRuntime/7.28.1

Accept: \*/\*

Postman-Token: 8c5191d0-8694-4906-8e9a-4d49e41c3b01

Host: apimgd01.colt.net:8443

Accept-Encoding: gzip, deflate, br

Connection: keep-alive

Content-Type: application/x-www-form-urlencoded

Content-Length: 29

**Response headers:**

PIGWTrackingId: 12345

Pragma: no-cache

Cache-Control: no-store

Content-Type: application/json

Content-Encoding: gzip

Content-Length: 115

**Response Body**

{"access\_token":"47f741683bf74befbd4441b6772a9aa8","token\_type":"Bearer","expires\_in":1800,"scope":"NHScope"}

### Error handling

Below would be TMF complaint error payload:

{

"code": "ERR01",

"reason": "string",

"message": "string",

"status": "401-02"

}

### Response samples

|  |
| --- |
| Success response |
| {      "access\_token": "d3a1a83223e84bbe9d90173d784aaddf",      "token\_type": "Bearer",      "expires\_in": 1800,      "scope": "OauthScope NhScope"  } |

|  |
| --- |
| Expiry response |
| {      "code": "APIGW-400-00",      "reason": "Unauthorized",      "message": "Token specified is invalid or has expired..",      "status": "400-00"  } |

# **Billing APIs**

Next Gen REST CDR APIs will enable you to download the following:

* Daily unrated and/or consolidated unrated CDRs for the products listed below
  1. Geographic Number Hosting
  2. IN for Resellers (e.g. Freephone, Shared Cost, IN Geo etc.)
  3. Voice Line
  4. Voice Line (v) (also known as IPVoiceLine)
  5. SIP Trunking
* monthly rated CDRs for any Colt voice product
* non-usage files (.r.cat) containing e.g. Number Hosting order charges, such as new number activation
* The existing rules will not change e.g. regarding the availability of the CDRs & non-usage files (e.g. unrated CDRs will continue to be available for the past 90 days only).
* The existing CDR download functionality available in Cocom Web Manager and via FTP will continue to be available.

## Resource names and end point URLs

|  |  |  |
| --- | --- | --- |
| Operation | Resource Name | End point url |
| Unrated CDR | /unratedCallDetailRecord | <https://apimgd01.colt.net/usageManagement/v1/unratedCallDetailRecord> |
| Generate consolidated unrated CDR | /generateConsolidatedUnratedCallDetailRecord | <https://apimgd01.colt.net/usageManagement/v1/generateConsolidatedUnratedCallDetailRecord> |
| Consolidated unrated CDR | ​/consolidatedUnratedCallDetailRecord | <https://apimgd01.colt.net/usageManagement/v1/consolidatedUnratedCallDetailRecord> |
| Rated CDR | /ratedCallDetailRecord | <https://apimgd01.colt.net/usageManagement/v1/ratedCallDetailRecord> |
| Non usage report | ​/nonUsageReport | <https://apimgd01.colt.net/usageManagement/v1/nonUsageReport> |

Please click [here](https://f.hubspotusercontent10.net/hubfs/344164/NH%20Jan2022%20Release%20Notes/Call%20Detail%20Records%20API.yaml) for the OAS Specification for CDR APIs

# Wholesale SIP (Number Hosting)

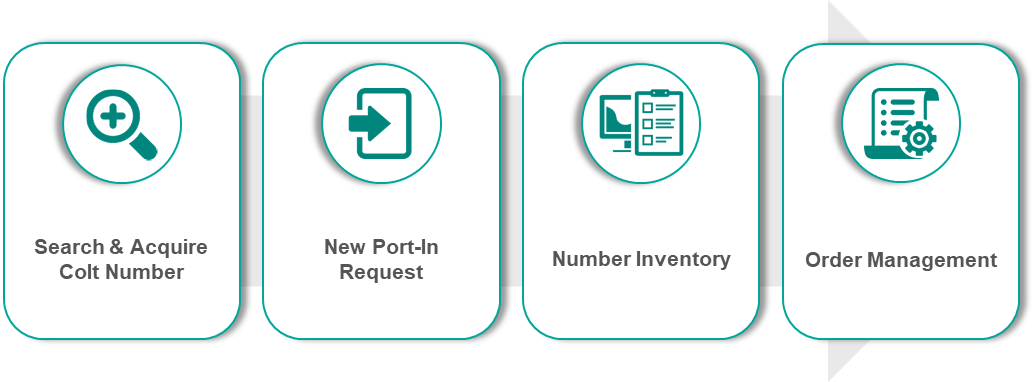
If you are a Cloud Provider or a reseller and looking for a SIP Trunking solution with numbers then Wholesale SIP (Number Hosting) is for you.. You can expand your offering to include fully regulatory compliant Voice with PSTN break out by implementing carrier-grade SIP interconnect between your network and ours for call termination.

We are a one stop shop as you can then order new geo & nomadic numbers as well as Port-In numbers over API and in our NOD portal for your end-customers. This gives you an opportunity to simplify your business processes, build E2E automation and deliver a good end-customer experience. We can support you with a quick market entry in a flexible & scalable way.

## Guide Objective & Structure

This guide aims to support you for complete Number Life Cycle Management via Colt Voice APIs.

After a short introduction and general principles are explained, this guide will follow this structure:



## Product Documentation

This guide should be read together with the following documentation:

|  |  |  |
| --- | --- | --- |
| Document | Description | Version |
| **Service Matrix** | Business rules & features availability  error codes (system, porting, address validation, …)  Fields validation with applicable API & countries | 3.6 |
| **Geo Coverage** | Local Area supported by Colt. | 3.5 |
| **REST API CDR Guide** | Describes Billing REST APIs | 1.3 |
| **SOAP API Wholesale SIP (Number Hosting) Guide** | Describes Wholesale SIP (Number Hosting) SOAP APIs | 3.3 |
| **Numbers on Demand User Guide** | Describes Wholesale SIP (Number Hosting) Portal | 3.0 |

## Number Coverage & Offering

Please check Service Matrix & Geo coverage files for details of the number types offered by Colt & geographic coverage.

## Number Allocation Rules

### Germany: 100+ Range Allocation

German Regulator Bundesnetzagentur (BNetzA) defines the maximum range sizes for new subscribers in the document ‘Struktur und Ausgestaltung des Nummernbereichs für Ortsnetzrufnummern‘.

A German and an English version are available on the homepage of BnetzA:

1. Bestimmung der Anzahl zuzuteilender Rufnummern bei durchwahlfähigen VoIP-Anschlüssen
2. <http://www.bundesnetzagentur.de/cln_1431/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Nummerierung/Rufnummern/ONRufnr/Ortsnetze_Basepage.html?nn=268384>

(Struktur und Ausgestaltung des Nummernbereichs für Ortsnetzrufnummern)

1. https://www.bundesnetzagentur.de/EN/Areas/Telecommunications/Companies/NumberManagement/GeographicNumbers/LocalNumbers\_Basepage.html?nn=404520

(Structure and configuration of the number range for geographic numbers)

For a block greater than 100, the allocation must be approved by BnetzA before assigning numbers to the end-customer.

Process is as per the following:

* Customer sends the request form to BnetzA
* Official timeline for BnetzA to answer is 3 weeks, but less than 1 week in practice.
* Customer sends the approval to Colt
* Customer can assign the numbers.

It’s the customer’s responsibility to engage with BnetzA and share the confirmation with Colt.

Request form is available below in German/English. It can be filled out in both languages; the other language will be populated automatically.

### Spain: Sub-assignment Agreement

The consultation was approved earlier this year by the Regulator in Spain (CNMC) see here: ([NUM/DTSA/3186/23 - SUBASIGNACIONES | CNMC](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.cnmc.es%2Fexpedientes%2Fnumdtsa318623&data=05%7C02%7CCinzia.Demunari%40colt.net%7C767706fca7d1464b5eb708dc692863af%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638500869390437195%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=nwWSjqtbXMrToV8mXf%2BRF97TpMnqH%2BEBQ1C%2BnczRBo0%3D&reserved=0)), which simplifies the sub-allocation of numbers to resellers.

If you are not already notified or authorized in Spain by CNMC to provide electronic communication services, then you must do so by using this link:

[https://sede.cnmc.gob.es/tramites/telecomunicaciones/registro-de-operadores-de-redes-y-servicios-de-comunicaciones](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsede.cnmc.gob.es%2Ftramites%2Ftelecomunicaciones%2Fregistro-de-operadores-de-redes-y-servicios-de-comunicaciones&data=05%7C02%7CCinzia.Demunari%40colt.net%7C767706fca7d1464b5eb708dc692863af%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638500869390447767%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=dISS%2ByaR1yoro7%2F50KRYmzIXNWbJL1r4onE%2FeBzEIy4%3D&reserved=0)

Once you are notified with CNMC, and if you have not already done so, please complete and sign **the Spanish language version** of the joint application form [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Feu.docusign.net%2FMember%2FPowerFormSigning.aspx%3FPowerFormId%3D3751dba3-5a67-497b-bdf5-8d3d9df16fe2%26env%3Deu%26acct%3D34de98a7-2bd3-4098-ad97-a4a77ab62b5c%26v%3D2&data=05%7C02%7CCinzia.Demunari%40colt.net%7C767706fca7d1464b5eb708dc692863af%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638500869390455161%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=ANFCz1ViVtEGOSQzKRxAbBHJcCF0tkfgNeIKPUkGLEs%3D&reserved=0).

An English version of the joint application form can be found [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Finformation.colt.net%2Fhubfs%2F2024_ESandEN_WholesaleRegulatory%2FJoint%2520application%2520form%2520-%2520Spain%2520-%2520EN%2520guidance%2520only%2520-%2520180424.pdf&data=05%7C02%7CCinzia.Demunari%40colt.net%7C767706fca7d1464b5eb708dc692863af%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638500869390461836%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=PJ7XNxRfIThvTN96FQt1IsMcE4SZvP52dK9s9rALRf8%3D&reserved=0), for your guidance only.

This joint application form is signed by you & Colt and it permits you to sub-assign Colt’s numbers to your end-customers with no regulatory limit on the volume of numbers.  You will be able to reserve and/or activate Colt numbers within minutes through our portal or using our APIs

In this release we are removing the old and now redundant Spain-specific system functionality from our NOD portal and our APIs to align with the latest regulatory changes. See details below:-

1. You can reserve/activate numbers with blocksize =1, 10 or 100.
2. ‘UsageType’ Field is removed from these flows:-
   1. Number reservation
   2. Number activation (direct)
   3. Order Details will not return the ‘UsageType’ field in a response
3. ‘SubAssignmentAgreement’ doc is no longer required for reservations and activations
4. ‘Reservation Pending’ number status for Spain will be removed from
   1. NOD- My Telephone Number Page
   2. B2B APIs - numberEnquiry (SOAP/HTTPs), numberCollection (REST)

### Spain Number Type offerings

|  |  |  |  |
| --- | --- | --- | --- |
| Number Type offerings | ‘Geo’ | ‘Geo-nomadic’ | ‘Nomadic’ |
| Description | LAC can be used only for the applicable city / town | LAC can be used within the province for any city / town | LAC can be used across entire country of Spain |
| Local Area Codes (LACs) | LACs starting with 8- Please refer to Number Coverage file present in [www.colt.net/cocom](https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.colt.net%2Fcocom&data=04%7C01%7CYamini.Choudhary2%40colt.net%7Ce3976be7023b4501027b08d9e5a5178d%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C637793319484562623%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=OCVlaV0NVzMBtjmaQtkBLpQfoLHjXBjzcf%2BS50SFql8%3D&reserved=0)  Numbers highlighted in **Amber** are Geo LACs in **APPENDIX B: Spain Regulatory Number Management** | LACs starting with 8- Please refer to Number Coverage file present in [www.colt.net/cocom](https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.colt.net%2Fcocom&data=04%7C01%7CYamini.Choudhary2%40colt.net%7Ce3976be7023b4501027b08d9e5a5178d%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C637793319484562623%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=OCVlaV0NVzMBtjmaQtkBLpQfoLHjXBjzcf%2BS50SFql8%3D&reserved=0)  Numbers highlighted in **Green** are Geo-Nomadic LACs in **APPENDIX B: Spain Regulatory Number Management** | 512/516 |
| Free Number Search | Yes | Yes | Yes |
| LAC Validation | Yes | Yes | No |
| Port-in/ Port-Out | Yes | No | No |
| Quarantine Period | 30 calender days | 30 calender days | 30 calender days |
| numberCategory (used for ‘Free’ number search) | Normal | IPGEO | VOIP |
| numberType (used for ‘Free’ number search | Geo | Geo | Non Geo |

### Hosted customer numbers in France

There are 2 important Regulatory changes impacting the use of phone numbers in France, which came into effect on 1st January 2023:-

1.            The resale of geographic and location independent numbers for outbound voice services is forbidden

2.            France no longer has 400+ local area codes.  01-05 numbers are available for use throughout mainland France

ARCEP, the Regulator in France, published further information on these changes here: [https://www.arcep.fr/uploads/tx\_gsavis/22-1583.pdf](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.arcep.fr%2Fuploads%2Ftx_gsavis%2F22-1583.pdf&data=05%7C01%7CYamini.Choudhary2%40colt.net%7Cc2bcce3ccb4d4fbfee0308dacf97fe63%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638050548961515711%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=GpmY5zkCII53x7SGafmO8wQWukB0jx4iAavgf0GI%2Fpc%3D&reserved=0)

If you are reselling Colt numbers to your end-customers under your own brand, then you need to take action to register with ARCEP and obtain your own numbers, which Colt can then host on your behalf.  You can contact your Colt Account Manager to complete the order form to host your number blocks with Colt.  For further information, please refer to these links to the Customer Q&A in [English](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/FR/Hosted%20customer%20numbers%20in%20France%20QA%20v5.docx) and in [French](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/FR/Hosted-customer-numbers-in-france-qa-V5%20-%20FR%20version.docx).

**Hosting your numbers**

When we confirm your own numbers are available to use, you will be able to reserve and (pre)activate your own numbers, update addresses etc.  As a result of the Regulatory changes above you will only need to search for numbers on the basis of the LAC: 01-05 and the LAC extension or search by city will no longer be available - should you need the historical reference, please refer to the Number Coverage file.  Your own numbers will be available in ranges of 1, 10, 100 as requested in your order form.  If you run out of single numbers, then our system will automatically take a range of 10 Free numbers and split this into 10 Free single numbers and similar logic applies if you run out of ranges of 10 etc.  You can also view or query for your Free numbers in France and this enables you to monitor your own inventory and apply to ARCEP for new number blocks in good time – the E2E lead-time is 2-3 months depending on ARCEP, Orange & OLO availability during busy periods.

If you have obtained your own routing/porting prefix in France then you can select this when you port-in a number.

We will return deactivated numbers from your number blocks to your “free” pool of numbers at the end of the quarantine & frozen period.  We will return numbers which were ported-out and which have been cancelled / deactivated by the end-customer into your “free” pool of numbers at the end of the quarantine & frozen period, using our established processes & system integration with APNF.

The responsibility to supply compliance reports or to comply with regulatory audits is yours.  Colt will provide a clear view of your number inventory  - the number status & end-customer data via our APIs & Numbers on Demand which you can use to meet these requests together with your own data.

**Tri-partite agreement with Colt numbers**

If you do not have your own numbers from ARCEP yet, then from 21st January 2023 you are responsible for submitting a tri-partite agreement with every order for new Colt number activations. The tri-partite agreement template can be found in English [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2F344164.fs1.hubspotusercontent-na1.net%2Fhubfs%2F344164%2FFR%2FTripartite%2520Agreement%2520for%2520the%2520provision%2520of%2520Colt%2520Numbers%2520in%2520France.docx&data=05%7C01%7CPenelope.Hickling%40colt.net%7C3ae16330fce54f1c2ef608dab0242297%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638015966481358862%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=fd2IM6ItsRxT0LBpw4wqoMDPTutp2j%2BG4j2eoau9VJ4%3D&reserved=0) and in French [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/FR/Accord%20Tripartite%20fourniture%20de%20num%C3%A9ros%20Colt%20en%20France%20(FRA)%20FINAL.docx).  You are responsible for filling in your own company details, the numbers being ordered, entering the accurate address details of your end-customer and obtaining the end-customer’s signature.

The impacts of these Regulatory changes on your use of our Wholesale SIP (Number Hosting) APIs & Numbers on Demand is covered in the table below, which went live on 26th Nov 2023 ahead of the regulatory deadline:-

|  |  |
| --- | --- |
| Functionality | Changes are highlighted |
| Number Enquiry | 2 options to get Free Numbers:   1. **Geo Numbers:**   Local area code: 1,2,3,4,5  Area code extension: no longer required  Number Type: Geo  Number Category: IPGEO  Block Size: 1,10,100  Quantity: 1,2,…9   1. **Location Independent Number: NEW**   Number Type: Non Geo  Number Category: VOIP  Block Size: 1,10,100  Quantity: 1,2,…9 |
| Number Enquiry | ‘IsCustomerOwned’ flag will be returned in numberEnquiry response |
| Number Enquiry | Search by City- disabled |
| LAC validation | No longer applicable |
| Address Validation | Yes – will continue to be supported, no change |
| Emergency Call Routing | Yes – will continue to be supported, no change |
| Number Reservation | Allowed for   * Geo and Location independent numbers * Colt Owned or Customer Owned Numbers |
| Number Activation | Allowed for   * Geo and Location independent numbers * Colt Owned or Customer Owned Numbers |
| Tri-party Agreement | If the customer has opted for Colt Owned Numbers, then the Tri-party Agreement must be provided by the customer for these transaction types:   * number Activation * Bulk Activation * Address Update * Bulk Address Update   isTriPartyAvailable = YES/NO will be available in order details   * Order details screen- NOD * getTransactionDetails SOAP API * GET/order{orderID} REST API   File size: max 5MB  Accepted file formats: .doc/.DOC, .docx/.DOCX, .pdf/.PDF |
| Address Update | Allowed for   * Colt Owned Activated Numbers * Ported-In Numbers on Colt prefix * Customer Owned Activated Numbers * Ported-In Numbers on customer owned prefix   Below combination will be supported for customer owned numbers   * Customer owned Activated /Ported-In Numbers (Full Range) & Standard/Premium Offer * Customer owned Activated/Ported-In Numbers (Partial/ Sub-Range) & Standard/Premium Offer * Bulk Address Update (Full Range) * Bulk Address Update (Partial/ Sub-Range) |
| Port-In | Optional field ‘Porting prefix’ to be provided while raising a portin request. If not provided, Colt’s prefix will be mapped to the requested numbers.  Porting Prefix will be available in order details   * Order details screen- NOD * getTransactionDetails SOAP API * GET/order{orderID} REST API |
| Number Deactivation and Reactivation | Allowed for   * Colt Owned Activated Numbers * Customer Owned Activated Numbers   Quarantine period is updated to 90 days  Number reactivation is possible within these 90 days  Post expiry of quarantine period, numbers will move to ‘Free’ status |
| Port-In Deactivation and Port-in Reactivation | Allowed for   * Ported-In Numbers on Colt prefix * Ported-In Numbers on customer owned prefix   Quarantine period is updated to 90 days  Number reactivation is possible within these 90 days  Post expiry of quarantine period, numbers will move to ‘Returned’ status |
| Number Report | customers who have their own number can request for their ‘Free’ number inventory along with other status.  Customers who will use Colt Owned numbers, will be able to request the number report inventory for all status except ‘Free’ |
| Order Report | Customers will be able to see Porting Prefix. |

### Introduction of CIF/NIF/VAT ID check in Portugal & Spain

In May 2024 we have introduced an external check on the CIF/NIF/VAT ID in Portugal and Spain against the European Commission’s VAT Information Exchange System (VIES). – see: [https://europa.eu/youreurope/business/taxation/vat/check-vat-number-vies/index\_en.htm](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Feuropa.eu%2Fyoureurope%2Fbusiness%2Ftaxation%2Fvat%2Fcheck-vat-number-vies%2Findex_en.htm&data=05%7C02%7CYamini.Choudhary2%40colt.net%7C2fc54de36b384b06ce8c08dc2d78d2ee%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638435244149713687%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=tlDF6g80fFHJ1E9x%2BGgP0Nns5tf7laBPPcBgMOUf0C0%3D&reserved=0).   The reason is to improve the accuracy and validity of orders for new numbers and ports as explained below:

* The VAT ID/CIF is included in the CVP generated by Colt for an end-customer and is highly confidential.  The CVP was introduced by the PT Regulator, Anacom, to give greater security to end-customers.  End-customers must include their CVP in a future port order to prove their request is genuine.
* As requested by the ES Regulator, CNMC, the VAT ID/CIF/NIF must be uploaded into the emergency database in Spain and be an exact match to the registered end-customer name.

In Numbers on Demand portal you will see the extra validation step on the CIF/NIF/VAT ID in Portugal & Spain when activating a number, porting-in a number and updating an end-customer address, including bulk orders. In both Portugal and Spain if your end-customer has only recently registered for VAT and their details are not yet in VIES, then you can enter their VAT ID by selecting “NIF//CIF/VAT ID not registered” and your order will proceed as normal.

* New REST API will be available for VAT validation based on VIES API (check-vat-number) and make available to the customer.
* NIF/VAT is mandatory parameter for PT.
* NIF/CIF/VAT and customer name is mandatory parameter for ES.

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20May%202024%20Release/commonServices_v1.0.0_12March2024.yaml) for the OAS Specification for VAT validation APIs

**Please note:** the Vies API doesn't not support the check of freelancers' DNI IDs as part of the VAT ID checker.  Please select the VAT ID not registered option to bypass the check.

* Below is the request for new REST API for Spain:

|  |  |
| --- | --- |
| Request | response |
| {    "countryCode": "ES",    "vatNumber": "A81626905",    "traderName": "Colt Technology Services SA"  } | {      "countryCode": "ES",      "vatNumber": "A81626905",      "requestDate": "2024-04-19T06:59:34.84Z",      "valid": **true**,      "traderName": "Colt Technology Services SA",      "traderNameMatch": "true"  } |

|  |  |
| --- | --- |
| Request | response |
| {    "countryCode": "ES",    "vatNumber": "12345",    "traderName": "Colt"  } | {      "countryCode": "ES",      "vatNumber": "12345",      "requestDate": "2024-04-19T07:04:12.194Z",      "valid": **false**,      "traderName": "---",      "traderNameMatch": "false"  } |

* Below is the request for new REST API for Portugal:

|  |  |
| --- | --- |
| Request | response |
| {    "countryCode": "PT",    "vatNumber": "PT505289385"  } | {      "countryCode": "PT",      "vatNumber": "505289385",      "requestDate": "2024-04-19T07:13:22.372Z",      "valid": **true**,      "traderName": "COLT TECHNOLOGY SERVICES, UNIPESSOAL LDA",      "traderNameMatch": "false"  } |

|  |  |
| --- | --- |
| Request | response |
| {    "countryCode": "PT",    "vatNumber": "1234"  } | {      "countryCode": "PT",      "vatNumber": "1234",      "requestDate": "2024-04-19T07:20:31.923Z",      "valid": **false**,      "traderName": "---",      "traderNameMatch": "false"  } |

* new field “companyNumberRegistered” in getTransactionDetails API and GET (Rest) order API.
* Vies API will validate VAT/NIF for PT.
* Vies API will validate VAT/CIF/NIF + customer name for ES.
* new field added- “companyNumberRegistered” as an optional parameter in below APIs with accepted values as ‘Yes’ and ‘No’:
* numberActivation
* updateEndCustomerAddress
* portin

### Austria

There is a private numbering plan in Austria.  When you assign a single main number to an end-customer, the end-customer can configure or add digits/extensions (0-9 or 00-99 or 000-999 or 0000-9999) to the main number in their PBX, as per their needs.  You do not need to inform Colt of the range of extensions/digits when (de/re) activating a number, submitting a port-in order or sending an address update – these transactions require the main number only.  The end-customer’s emergency address is entered and stored at the main number level, and not at the extension level.

### Introduction of RIO codes for the wider business market in France

There are some changes to the use of RIO codes in France, which came into effect from 1st December 2023, pursuant to Arcep’s decision no 2022-2148.

A RIO code is a unique identifier associated to a telephone number, which is created when a consumer or small business request a new telephone number in France and its purpose is to facilitate the portability process.  If they wish to move / port numbers to a new operator, then the new operator will request the RIO code provided by the current operator for each single telephone number from the consumer / small business in order to validate that the port order is legitimate and to implement the porting order.  These RIO codes are not yet mandatory in the wider business market but this will gradually change.

The changes are:

1. Colt, as a technical operator, must define a unique RIO code for every:
   1. Colt geographic or location independent number
   2. Geographic or location independent number ported-in to Colt
   3. Geographic or location independent number hosted by Colt on your behalf – this includes both new and ported-in numbers where you have mandated Colt as your OPTA (i.e. where we technically manage the porting of your numbers on your behalf)
2. Colt must make these RIO codes available to you via a secure portal, which is our Numbers on Demand portal and over API and these will be available in our May 2024 release.   Up until the May 2024 release, if you require the RIO code for e.g. a consumer / small business port, then please get in touch with [FRPortingDesk@colt.net](mailto:FRPortingDesk@colt.net).

It is not foreseen that RIO codes will be required for number portability in the wider business market until 2025, due to the complexity of inter-operator process & system integration work and pursuant to Arcep’s decision.

In a wider context, if you currently support consumers, we would like to remind you that consumer-specific obligations apply pursuant to the regulations, including the provision of an IVR service through which you provide the RIO code associated to a specific number.

As an operator providing voice services in France, you are responsible for portability to your end-customers and other operators, even where Colt is technically managing portability for you as your OPTA.  Obligations regarding how the RIO codes should be shared with your subscribers apply, as well as other obligations related to portability (i.e. additional information to be provided to your subscribers,  contractual provisions, etc.). Obligations may vary depending on the customer type (business, small business, consumer) and the kind of service you provide (OTT, single-number or multi-number offers, etc.).

For further information please see this decision from ARCEP: [https://information.colt.net/hubfs/22-2148\_FR\_Published%20document\_22Mar2023%20en-GB.pdf](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Finformation.colt.net%2Fhubfs%2F22-2148_FR_Published%2520document_22Mar2023%2520en-GB.pdf&data=05%7C02%7CYamini.Choudhary2%40colt.net%7C2fc54de36b384b06ce8c08dc2d78d2ee%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638435244149703782%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=J07xc0auGCG8h6rGByn3RgNJtvHEVy2pG5kxQR1x0G0%3D&reserved=0)

The RIO code will be present against each CLI in the Numbers on Demand portal when viewing the ‘Number Details’ and will be returned in the B2B API response (SOAP/HTTPs: getNumberDetails and REST: GET/CLIDetails) as well.

Following our Mar’25 release, requesting and downloading a Number Report of all of your activated numbers with their associated RIO codes at CLI level from the Numbers on Demand portal.

**Impacts to port-in orders**

* No impact - from 1st July 2025 RIO codes will remain non-mandatory for a port-in order of a geographic or location independent number when assigned to a business.  These numbers are not classed as single numbers, they are classed as group numbers
* Optional impact – Following the Mar’25 release you will have an option to upload a csv file containing the information in the table below to your port-in order. This information will then be checked with the losing/donor operator and improve the accuracy of the port.

**RIO code file format as defined by APNF:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Format | Mandatory / Optional /Conditional | Example |
| Numéro | Number | Numeric (10) with leading ‘0’. | M | 0123456789 |
| RIO | RIO | Alphanumeric (12) | C |  |
| OO Q RRRRR CCC |
| NDI | Group Main Number | Numeric (10) with leading ‘0’ | M | 0123456789 |
| RS | Customer Name | Alphanumeric (64) | C | XYZ bank |
| SIRET | Customer Site registration number | Numeric (14) | C | 98765432101234 |
| NUMERO DE LA VOIE | Address: Street Nb | Alphanumeric (10) | C | 2 |
| LIBELLE DE LA VOIE | Address: Street Name | Alphanumeric (124) | C | Rue de Charonne |
| CODE POSTAL | Address: Postal Code | Numeric (5) | C | 75011 |
| COMMUNE | Address: City Name | Alphanumeric (64) | C | PARIS |
| DATE QUARANTAINE | Date of quarantine | YYYYMMDD | O | 20241128 |

**Rules**

* RIO code is mandatory if the Number is a non-geo IN number, else it should be empty
* RS, SIRET and the Address fields are optional if the Number is a non-geo IN number, and mandatory for all geographic / location independent numbers
* DATE QUARANTAINE : empty if the Number is activated, optional if the Number is in quarantine status.

### Port-in order pre-validation (UK only)

**I**n our Number Hosting release from 20th July customers can formally request a pre-order validation (POV) check of their port orders in the UK via the Numbers on Demand (NOD) portal.  A customer’s pre-order validation requests will get ‘auto-submitted’ via email to the listed losing providers and upon receiving the response from losing providers, Colt UK Porting team will manually share the feedback via the NOD portal. We believe this will improve the customer’s experience by enabling faster port order submission, better tracking & accurate documentation. We want to encourage customers to use this feature and therefore it is free of charge. More information can be found in the July 2024 release note here:- [www.colt.net/cocom](https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.colt.net%2Fcocom&data=05%7C02%7CYamini.Choudhary2%40colt.net%7Cbcfd49ad52264b62d4b408dca56516e2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638567100796679082%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=bhoBgXbydid2hircBc02dMmVdJQgilOwmZx4Kz2yUtw%3D&reserved=0)

### Fair use policy & Security

Any misuse of number, whatever nature, might lead to service suspension or number claimed back.

### Wholesale SIP (Number Hosting) REST APIs

Some of the current SOAP APIs are transformed into REST APIs.

#### Resource names for “Wholesale SIP (Number Hosting) number management API” operations

|  |  |  |
| --- | --- | --- |
| Operation | Resource Name | End point url |
| Number Enquiry | /numberCollection | <https://apimgd01.colt.net/numberManagement/v2/numberCollection> |
| Number Reservation | ​/numberCollectionReservation | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionReservation> |
| Number Reservation Cancellation | /numberCollectionReservationCancellation | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionReservationCancellation> |
| Number Activation | /numberCollectionActivation | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionActivation> |
| getOrderdetails | ​/order/{orderId} | [https://apimgd01.colt.net/numberManagement/v2​/order/{orderId}](https://apimgd01.colt.net/numberManagement/v2​/order/%7borderId%7d) |
| Request new portin | /numberCollectionPortIn | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionPortIn> |
| Cancel, change date, schedule porting, Quick Note, Modify Port, | /numberCollectionPortOrderUpdate | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionPortOrderUpdate> |
| Number reactivation & port-in reactivation | /numberCollectionReactivation | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionReactivation> |
| Address Update, Directory Services update | /numberCollectionUpdateCustomerDetails | <https://apimgd01.colt.net/numberManagement/v2/numberCollectionUpdateCustomerDetails> |
| Free number count | /freeNumberCount | <https://apimgd01.colt.net/numberManagement/v2/freeNumberCount> |
| Lock free numbers | /lockFreeNumbers | <https://apimgd01.colt.net/numberManagement/v2/lockFreeNumbers> |
| Request for backfill free numbers | /freeNumberBackfill | [https://apimgd01.colt.net/numberManagement/v2/freeNumberBackfill](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapimgd01.colt.net%2FnumberManagement%2Fv2%2FfreeNumberBackfill&data=05%7C01%7CYamini.Choudhary2%40colt.net%7C13ee3676853e4573a58508db2cf5e9c2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638153206929073491%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=K0yMWLNVicx7cpaeJ%2FfkIrQ1ZLsskxrWOWQ6ZajulZU%3D&reserved=0) |
| Request to cancel backfill request | /cancelFreeNumberBackfill | [https://apimgd01.colt.net/numberManagement/v2/cancelFreeNumberBackfill](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapimgd01.colt.net%2FnumberManagement%2Fv2%2FcancelFreeNumberBackfill&data=05%7C01%7CYamini.Choudhary2%40colt.net%7C13ee3676853e4573a58508db2cf5e9c2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638153206929073491%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=HJjjWkRBGIWG3RR6i7dWbTI%2Fnle7GWo1DrvXpgkS3Uk%3D&reserved=0) |

Please refer to **APPENDIX A: API Specifications**for the OAS Specification for above APIs.

#### Resource names for “Address Management API” operations

|  |  |  |
| --- | --- | --- |
| Operation | Resource Name | End point url |
| Address validation | /validateAddress | [https://apimgd01.colt.net/AddressManagement/v1/validateAddress](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapimgd01.colt.net%2FAddressManagement%2Fv1%2FvalidateAddress&data=05%7C01%7CYamini.Choudhary2%40colt.net%7C13ee3676853e4573a58508db2cf5e9c2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638153206929073491%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=as%2FSr9pvwyQ4%2Bu6Ee1zePj0UlJouNSmf8rfx6lJMWew%3D&reserved=0) |
| Fetch address with address ID | /address/{addressId} | [https://apimgd01.colt.net/AddressManagement/v1/address/{addressId}](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapimgd01.colt.net%2FAddressManagement%2Fv1%2Faddress%2F%257baddressId%257d&data=05%7C01%7CYamini.Choudhary2%40colt.net%7C13ee3676853e4573a58508db2cf5e9c2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638153206929073491%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=jDQwfylFZtPeR7FOARNYOqicKDrb0VmgCjHVzHUW2Y0%3D&reserved=0) |
| Fetch valid LAC by location | /LACByLocation | [https://apimgd01.colt.net/AddressManagement/v1/LACByLocation](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapimgd01.colt.net%2FAddressManagement%2Fv1%2FLACByLocation&data=05%7C01%7CYamini.Choudhary2%40colt.net%7C13ee3676853e4573a58508db2cf5e9c2%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638153206929073491%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=kMixBhi3FWrJDPwpfyFvti6MpYvQVtxq%2Fr4QNS6i4sQ%3D&reserved=0) |

Please refer to **APPENDIX A: API Specifications**for the OAS Specification for above APIs.

#### Resource name for “VAT, CIF, NIF validation” operations (Spain and Portugal)

|  |  |  |
| --- | --- | --- |
| Operation | Resource Name | End point url |
| VAT, CIF/NIF validation | /check-vat-number | <https://apimgd01.colt.net/common-services/v1/check-vat-number> |

Please refer to **APPENDIX A: API Specifications**for the OAS Specification for above APIs.

## List of Number Hosting APIs

Colt APIs are listed and described in the below table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API | API Type: SOAP/HTTPs or REST | Order Type | Description | orderID created  (Yes/No) |
| validGeographicAddress | REST | N/A | Developed as a REST JSON API,   * Validate end-customer addresses upfront in Informatica Address Doctor * Fetch Geo & non-Geo (e.g., Nomadic) area codes for a successfully validated address   + Return an Address ID / key for a successfully validated address, which can then be used:   + To fetch address details   + during number association (activation, new port-in, update APIs), instead of providing the address again * To retrieve all your validated addresses * Mitigate & reduce the volume of business failures due to incorrect addresses * Submit orders cleanly * Be regulatory compliant | No |
| **SOAP/HTTPs:**  getOrderDetails  **REST:** GET/order/{orderId} | SOAP/HTTPs & REST | N/A | Allows you to get details for a specific order. | No |
| **SOAP/HTTPs:**  numberEnquiry  **REST:** GET/numberCollection | SOAP/HTTPs & REST | N/A | Allows you to get:   * List of free numbers * Number inventory details (list of number, number status). | No |
| **SOAP/HTTPs:** numberReservation  **REST:** POST/numberCollectionReservation | SOAP/HTTPs & REST | Number Reservation | Allows you to add number in stock without end-customer assignment nor network configuration. Number will be reserved for 90 calendar days, and then shift back to free pool. | Yes |
| **SOAP/HTTPs:**  cancelReservation  **REST:**  POST/numberCollectionReservationCancellation | SOAP/HTTPs & REST | Number Reservation Cancellation | Allows you to return reserved number back to Colt. | No |
| **SOAP/HTTPs:** numberActivation  **REST:**  POST/numberCollectionActivation | SOAP/HTTPs & REST | Number Activation | Allows you to assign number to an end-customer and activate on Colt network. | Yes |
| **SOAP/HTTPs:** updateEndCustomerAddress  **REST:**  POST/numberCollectionUpdateCustomerDetails | SOAP/HTTPs & REST | Update End Customer Detail | Allows you to update activated number details, e.g. emergency address. | No |
| updateDirectoryServices | SOAP/HTTPs | Update Directory Services | Allows you to update number publication details. | No |
| **SOAP/HTTPs:**  portIn  **REST:**  POST/numberCollectionPortIn | SOAP/HTTPs & REST | New Port In | Allows you to create new port-in order.  *Please note: Out of hours porting is chargeable.* | Yes |
| **SOAP/HTTPs:**  updatePortIn  **REST:**  POST/numberCollectionPortOrderUpdate | SOAP/HTTPs & REST | Update Port In Date | Allows you to update port-in order (date change) | No |
| **SOAP/HTTPs:**  cancelPortIn  **REST:**  POST/numberCollectionPortOrderUpdate | SOAP/HTTPs & REST | Cancel Port In | Allows you to cancel port-in order. | No |
| **SOAP/HTTPs:**  orderDataUpdate  **REST:**  POST/numberCollectionPortOrderUpdate | SOAP/HTTPs & REST | Port Order Update | Allows you to update a port-in order (cancel, notes, scheduling, activate…). | No |
| **SOAP/HTTPs:** numberDeactivation  **REST:** POST/numberCollectionDeactivation | SOAP/HTTPs & REST | Number Deactivation | Allows you to return activated number back to Colt. | No |
| **SOAP/HTTPs:** numberReactivation  **REST:** POST/numberCollectionReactivation | SOAP/HTTPs & REST | Number Reactivation | Allows you to reactivate Colt number. | Yes |
| **SOAP/HTTPs:** portInReactivation  **REST:** POST/numberCollectionReactivation | SOAP/HTTPs & REST | Reactivate Port In | Allows you to reactivate ported-in number. | Yes |
| bulkNhOrders | SOAP/HTTPs | N/A | Allows you to perform numberActivation, portIn & updateEndCustomerAddress bulk request. | As per the API. |
| **SOAP/HTTPs:** getTransactionList  **REST:** GET/order | SOAP/HTTPs & REST | N/A | Allows you to get list of orders matching your search criteria. | No |
| **SOAP/HTTPS:** getTelephoneNumberHistory  **REST:** GET/CLINumberHistory | SOAP/HTTPs & REST | N/A | Allows you to get list of orders for a specific number. | No |
| **SOAP/HTTPs:** getNumberDetail  **REST:** GET/CLIDetails | SOAP/HTTPs & REST | N/A | Allows you to get details for a specific active number. | No |
| POST/validateAddress\* | REST | N/A | * Validate end-customer addresses upfront in Informatica Address Doctor * Return an Address ID / key for a successfully validated address, which can then be used:   + To fetch address details   + during number association (activation, new port-in, update APIs), instead of providing the address again * Mitigate & reduce the volume of business failures due to incorrect addresses * Submit orders cleanly   Be regulatory compliant | No |
| GET/LACByLocation\* | REST | N/A | to fetch valid LAC for given set of parameters | No |
| GET/address/{addressId}\* | REST | N/A | to get address for a given addressId | No |
| POST/check-vat-number | REST | N/A | API for validating VAT ID/CIF/NIF in Portugal and Spain | No |

\*Please note if you are integrating your systems with ours using REST APIs for the first time, as we will be decommissioning the validGeographicAddress REST API in the future, please use our Address Management REST APIs: POST/validateAddress, GET/LACByLocation & GET/address/{addressId} instead.

## Order ID

After order creation, a unique ID [**orderID**] will be returned to you.

orderID follows the below pattern and format:

|  |  |
| --- | --- |
|  | Description |
| Pattern | 32 character long (128 bit) |
| Format | “[A-Za-z0-9\-]{1,36}“ |
| Maximum length | 36, including ‘-’ characters |
| Example | 8700206f-c3b3-4c10-8cc2-2490f41eedc0 |

## Order Status

Your order will have a status [**orderStatus**], that will vary over the time and the scenarios.

**Non porting related orders** have a 2 steps update: ‘In progress’, from order creation until completion, and then the final status.

Please find below *orderStatus* and description:

|  |  |  |
| --- | --- | --- |
| orderStatus | Description | Next action |
| In progress | Your order is in progress, usually the first step. | No action required. |
| Completed | Your order has been completed. | No action required. |
| Failed with error | This error, also known as a business error, occurs when you have submitted incorrect information. | Please review the error message, correct and resubmit the request. |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | If a failure occurs whilst updating the Emergency Database for the order types below, a message: “Your order is technically completed and pending for emergency database update" will be shared as a new Order Description. Order types are:-   * Activation * Deactivation * Address Update * Reactivation * Port-In * Port-Out   Email notifications will be triggered for Port-In and Port-Out orders with the same message.  Post the successful completion of an order which reflects the successful update of the Emergency Database, the order description will be updated to: “Request has been processed successfully.”  Applicable for all countries except DE, DK and Zone B |

**Porting related orders** have multiple updates, at each key order milestone. Please refer to porting sections for more information.

## Customer Reference

**customerReference** field allows you map your internal reference (e.g., order or service ID, …) with number at Colt.

Field is optional and available in the below API(s):

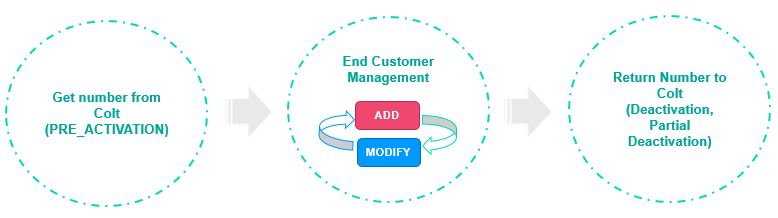
* + numberReservation,
  + numberActivation
  + newPortIn

## Premium Offer

Premium offer allows you to get:

* Preactivated numbers
* Ability to update end-customer at sub-range level and to manage the aging/quarantine period.

Below picture summarizes the number life cycle for Premium offer:



|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Access to Premium offer is subject to Colt validation. * Only available in all countries except Germany. * Partial Deactivation is not supported in DE, IT, CH and zone B countries |

## Sub Reselling [subResellerID]

In some countries, it is allowed to provide number purchased from Colt using your indirect sales channel, but it’s mandatory to report the 3rd party to Colt (sub reseller OCN), using **subResellerID** field.

Field is optional and available in the below API(s):

* SOAP & REST: numberActivation
* SOAP: portIn
* SOAP: updateEndCustomerAddress

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * subResellerID is not available in FR, IT, PT meaning you must own the relationship with the end-customer. |

## Portugal: Colt CVP

Colt will return you the existing SOAP API field ‘additionalCustRef2’ as ‘coltCVP’ in GET/order/{orderID}API response.

## Error & Rejection Codes

Please refer to the Service Matrix for:

* System Error Codes
* Port-In Rejection & Exception Codes
* LAC validation / validateGeoNumber API Error Codes

## NH B2B API request structure

This guide will provide you with most of the information you need to understand Colt APIs. Nevertheless, fields value & validation might vary per API and/or country. You will find a list of the fields in the Service Matrix, with:

* Value
* Length
* Description/Example
* Type per API (Mandatory, Conditional Mandatory, Optional or Not Applicable)
* Country application (Yes, No)

The Service Matrix follows the same structure as the guide.

### List of Wholesale SIP (Number Hosting) Countries

Please find below country codes supported in Colt APIs:

|  |  |
| --- | --- |
| Country | Country Code |
| **Zone A** | |
| Austria | AT |
| Belgium | BE |
| Denmark | DK |
| France | FR |
| Germany | DE |
| Ireland | IE |
| Italy | IT |
| Netherlands | NL |
| Portugal | PT |
| Spain | ES |
| Sweden | SE |
| Switzerland | CH |
| United Kingdom | GB |
| **Zone B** | |
| Luxembourg | LU |
| Slovakia | SK |
| Finland | FI |
| Norway | NO |
| Czech Republic | CZ |
| Romania | RO |
| Poland | PL |

### Number Format

Colt REST APIs support these number formats:

* **E164 international format**, combination of {startFullNumber & endFullNumber} in the APIs

*Example: French national number range 03.82.50.xx.x0 – x9*

|  |
| --- |
| * Split format: areaCode = 3, areaCodeExtn = 8250, rangeStart = xxx0 & rangeEnd = xxx9 * E164 format: startFullNumber = +3338250xxx0 & endFullNumber = +3338250xxx9 |

*Split format to E164 format mapping*

|  |
| --- |
| Austria (+43), Belgium (+32), Czech Republic (+420), Denmark (+45), Finland (+358), France (+33), Germany (+49), Ireland (+353), Italy Nomadic (+39), Luxembourg(+352),Netherlands (+31), Norway (+47), Poland (+48), Portugal (+351), Romania (+40), Slovakia (+421), Spain (+34), Sweden (+46), Switzerland (+41), United Kingdom (+44) :   * startFullNumber = CC + areaCode (without leading 0) + areaCodeExtn + rangeStart * endFullNumber = CC + areaCode (without leading 0) + areaCodeExtn + rangeEnd   Italy Geo (+39):   * startFullNumber = CC + areaCode (with leading 0) + areaCodeExtn + rangeStart * endFullNumber = CC + areaCode (with leading 0) + areaCodeExtn + rangeEnd   Germany (+49)   * startFullNumber = CC + areaCode + rangeStart * endFullNumber = CC + areaCode + rangeEnd |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Only e164 format is supported in REST APIs request/response. * Order Detail response will have the same format as the request. * {startFullNumber & endFullNumber} are mandatory, even for single number. |

### End-customer Details

Colt supports these **customerType**:

* **Business** end-customer in all countries
* **Residential** end-customer in BE, DE, IE, IT, NL, SE.

#### customerType = Business

Please find below fields you need to send to Colt and description:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| customerType | Mandatory | BE, DE, IE, NL, SE, IT | Value = Business  *Note: for other countries, the value is not expected.* |
| endCustomerName | Mandatory | All | End-customer’s name.  France: either end customer name is required or First Name + Last Name |
| endCustomerLanguage | Mandatory | BE | Value =   * **FR** (for French) * **NL** (for Dutch) * **DE** (for German) * **EN** (for English) |
| companyRegistrationNumber | Mandatory | PT | *Note: in PT = end-customer’s NIF.* |
| companyRegistrationNumber | Optional | BE | End customer VAT number |
| companyRegistrationNumber | Mandatory | ES | Your end-customer’s NIF number. |
| companyRegistrationNumber | Mandatory | DK | PortIn API Only  End-customer’s organisation number. |
| companyRegistrationNumber | Mandatory | SE | End-customer’s organisation number. |
| companyRegistrationNumber | Mandatory | FR | PortIn API Only  End-customer’s SIRET number. |
| companyRegistrationNumber | Mandatory | PL | Company NIP |

#### customerType = Residential

Please find the fields below which you need to send to Colt and their description:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| customerType | Mandatory | BE, DE, IE, NL, SE, IT | Value = Residential. |
| firstName | Mandatory | DE, IE, NL, SE, IT, FR | End-customer’s first name.  France: either end customer name is required or First Name + Last Name |
| firstName | Optional | BE | End-customer’s first name. |
| lastName | Mandatory | BE, DE, IE, NL, SE, IT, FR | End-customer’s last name.  France: either end customer name is required or First Name + Last Name |
| endCustomerDateOfBirth | Mandatory | DE | Format: dd-mm-yyyy. |
| endCustomerLanguage | Mandatory | BE | Value =   * **FR** (for French) * **NL** (for Dutch) * **DE** (for German) * **EN** (for English) |

### Emergency Address (endCustomerAddress)

Please find the fields below which you need to send to Colt as part of the address.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | AT | BE | DK | FR | DE | IE | IT | NL | PT | ES | SE | CH | GB | LU | NO | FI | SK | CZ | PL | RO |
| **houseNumber** | M | M | CM | O | CM | CM | M | M | M | M | M | M | O | M | M | M | M | M | M | M |
| **buildingName** | N/A | N/A | CM | N/A | CM | CM | N/A | O | O | N/A | N/A | N/A | O | N/A | N/A | N/A | N/A | N/A | O | N/A |
| **orientationNumber** | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | O | N/A | N/A |
| **floorSuite** | O | N/A | N/A | N/A | N/A | O | N/A | N/A | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | O |
| **block** | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **stairs** | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **doorNumber** | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **unit** | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **room** | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **streetName** | M | M | M | M | M | M | M | M | M | M | M | M | O | M | M | M | M | M | M | M |
| **streetType** | N/A | N/A | N/A | O | N/A | N/A | M | N/A | N/A | M | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | O |
| **Province** | N/A | N/A | N/A | N/A | N/A | N/A | M | N/A | N/A | M | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **city** | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| **postalCode** | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| **poBoxNumber** | N/A | N/A | N/A | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **addressExtension** | N/A | O | N/A | N/A | N/A | N/A | O | O | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **subLocality** | N/A | N/A | N/A | N/A | N/A | O | O | N/A | M | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **county** | N/A | N/A | N/A | N/A | N/A | M | N/A | N/A | M | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **country\*\*** | N/A | N/A | N/A | N/A | N/A | N/A | N/A | M | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| **addressID** | O | O | N/A | O | O | O | O | N/A | O | O | O | CM | O | O | O | O | O | O | O | O |

With: M = Mandatory, CM = Conditional Mandatory, O = Optional & N/A = Not Applicable.

**\*\* EEA address for 085 numbers in the Netherlands**

For the nomadic / location independent local area code (LAC): 085 in the Netherlands the install address and emergency address can be anywhere within the EEA (European Economic Area) region, i.e. not just within the Netherlands.

Considering this we have introduced ‘Country’ field in the installation & emergency address.

These are the set of rules:

* The new ‘Country’ field will be mandatory where the country = NL
* Please refer to *‘***APPENDIX C: EEA Country Code List***’* for supported EEA countries.
* For non 085 numbers, only country NL is allowed. An error will be returned if a different country is selected for non 085 numbers
* For 085 numbers + any country code listed above excluding NL, the system will skip address validation of the install address and emergency address
* The Address validation (validGeographicAddress API and new POST/validateAddress) will only work if the install address and emergency address are in NL (when ordering NL numbers)
* For 085 numbers, the system will skip local area code (LAC) validation
* In the Regulatory / COIN specification the existing address fields that are applicable for NL will be applicable for EEA countries as well. No new fields are considered. **Field level restriction is based on NL country address format so please be aware when entering a non-Dutch address here!**

## Number Life Cycle

### Number Status [resourceStatus]

Please find the list of **resourceStatus** supported by Colt APIs, with associated country availability & description.

|  |  |  |
| --- | --- | --- |
| resourceStatus | Country | Description |
| **Free** | All | Colt free number you can search and acquire, or customer owned numbers (FR only) |
| **Reserved** | All | Colt Number in your stock, and/or customer owned numbers (FR only)  Network is not configured & no end-customer assigned.  Reservation period = 90 days. |
| **Allocated** | All | Intermediate status for Colt number or customer owned numbers (FR only) during activation process.  No action possible. |
| **Activated** | All | Colt number in your stock, and/ or customer owned numbers (FR only)  Network is configured & end-customer assigned (variance applicable for Premium offer). |
| **Quarantined** | All | Following a deactivation, Colt number and/or customer owned numbers (FR only) stays in your stock during quarantine period as Quarantined.  Network is not configured & no end-customer assigned.  Quarantine period varies per country.  For zone B country: when Colt perform hard cease, the numbers will move to this status |
| **PortIn\_Allocated** | All except DE | After port-in order has been confirmed (transactionStatus = Firm order commitment), ported-In number will appear in your stock as PortedIn\_Allocated.  Network is not configured & no end-customer assigned.  No action possible. |
| **PortIn\_Activated** | All | Ported-In number in your stock.  Network is configured & end-customer assigned. |
| **PortIn Deactivation In Progress** | All except DE | When a port-in deactivation is raised, the number status for the requested range will be intermittently updated as ‘PortIn Deactivation In Progress’.  When the port-in deactivation request is completed, the number status is updated as BAU to Port-in quarantine / returned (as per the current country rules). |
| **PortIn Reactivation In Progress** | FR, NL, PT, CH, SE, ES, IT | When a port-in reactivation request is raised, the number status for the requested range will be intermittently updated as ‘PortIn Reactivation In Progress’.  When the port-in reactivation request is completed, the number status is updated as BAU to Port-In Activated. |
| **PortIn\_Quarantined** | FR, NL, PT, CH, SE, ES, IT | Following a deactivation, Ported-In number stays in your stock during quarantine period as PortIn\_Quarantined.  Network is not configured & no end-customer assigned.  Quarantine period varies per country.  Port-In Reactivation can be requested |
| **PortIn\_Reallocated** | FR, NL, PT, CH, SE, ES, IT | When Port-In reactivation is requested, the numbers goes into intermediate status.  Network configuration and end customer re-assignment is in progress.  No action possible. |
| **Port Out In Progress** | All except DE | When a port-out request is raised for Colt-owned numbers which will be ported out from Colt’s network to new operator.  No action possible. |
| **Transfer In Progress** | All except DE | When a port-out request is raised for Ported-In numbers which will be ported out from Colt’s network and is scheduled to be transferred to new operator.  No action possible. |
| **Return In Progress** | All except DE | When a port-out request is raised for Ported-In numbers which will be ported out from Colt’s network and is scheduled to be returned to the original range holder.  No action possible. |
| **PortOut** | All | When Colt-owned numbers are ported out from Colt’s network |
| **Transferred** | All except DE | When a ported-in number is ported out of Colt’s network and is transferred to new operator |
| **Returned** | All except DE | When a ported-in number is ported out of Colt’s network and is returned to original range holder |
| **Back To Regulator** | IT | ‘Back To Regulator’ for Italy to cover below scenarios:   * A Colt Range is returned to the Regulator * A Colt Range is re-assigned to another OLO by the Regulator   ‘Back To Regulator’ status will be applied by the Colt local country manager after the following statuses: Activated, PortOut and Quarantined  Once a range is in ‘Back To Regulator’ status the lifecycle of the Colt range is terminated (i.e. numbers cannot be re-activated as Colt numbers). |

You will find in the next sections the possible actions depending on the number status.

### Colt Number Life Cycle

The below diagram provides a view of number status [cliStatus] transition based on API action:

A diagram of a company

AI-generated content may be incorrect.

### Ported-In Number Life Cycle

The below diagram provides a view of number status [cliStatus] transition based on API action:

A diagram of a company

AI-generated content may be incorrect.

### Number Action & Transition

The below table provides status transition depending on user action and country:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number Source | Country | User | REST API | Current cliStatus | Next  cliStatus |
| Colt | All | Customer | **POST**/numberCollectionReservation | Free | Reserved |
| Colt | All except IT | Customer | **POST**/numberCollectionActivation | Free | Activated |
| Colt | All | Customer | **POST**/numberCollectionActivation | Reserved | Activated |
| Colt | All | Customer | **POST**/numberCollectioncancellation | Reserved | Free |
| Colt | All except Zone B countries | Colt System | (reservation period expiration) | Reserved | Free |
| Colt  (Premium Only) | All except DE | Customer | Address Update- (ADD) REST API  POST/numberCollectionUpdateCustomerDetails | Activated | Activated |
| Colt & Ported-In | All | Customer | Address Update- (MODIFY) REST API  POST/numberCollectionUpdateCustomerDetails | Activated  PortIn\_Activated | Activated  PortIn\_Activated |
| Colt | All | Customer | POST/numberCollectionDeactivation | Activated | Quarantined |
| Ported-In | FR, NL, PT, CH, ES, IT, SE | Customer | POST/numberCollectionDeactivation | PortIn\_Activated | PortIn\_Quarantined |
| Ported-In | AT, BE, DK, IE , GB, Zone B countries | Customer | POST/numberCollectionDeactivation | PortIn\_Activated | Returned |
| Colt | All | Customer | POST/numberCollectionReactivation | Quarantined | Activated |
| Colt | All except Zone B countries | Colt System | (quarantine expiration) | Quarantined | Activated |
| Ported-In | FR, NL, PT, ES, SE, CH | Customer | POST/numberCollectionReactivation | PortIn\_Quarantined | PortIn\_Activated |
| Ported-In | FR, NL, PT, CH, ES | Colt System | (quarantine expiration) | PortIn\_Quarantined | Returned |
| Colt | All (20) | Colt | portOut (Internal only) | Activated | PortOut |
| Ported-In | All (20) | Colt | portOut (Internal only) | PortIn\_Activated | Returned |
| Ported-In | All (20) | Colt | portOut (Internal only) | PortIn\_Activated | Transferred |

# **Search & Acquire Number**

## Get Local Area Code (LAC) by Address [validGeographicAddress API]

Description

In most countries, the National Numbering Plan defines the location where a geographic number can be used.

It maps the address and first set of digits of the number (i.e., the local area code (LAC)), and known at Colt as LAC Validation.

Please refer to Colt’s Wholesale SIP (Number Hosting) Service Matrix for the availability of APIs by country.

**Authorization:** Basic Auth (xml username and password to be used)

*Please note: this API doesn’t flow the new API resource structure and is not defined in OAS specification or in XSD.*

*Please note if you are integrating your systems with ours using REST APIs for the first time, as we will be decommissioning the validGeographicAddress REST API in the future, please use our Address Management REST APIs: POST/validateAddress, GET/LACByLocation & GET/address/{addressId} instead.*

validGeographicAddress developed as a REST JSON API,

* *Validates end-customer addresses upfront in Informatica Address Doctor*
* *Fetches Geo & non-Geo (e.g., Nomadic) area codes for a successfully validated address*
* *Returns an Address ID / key for a successfully validated address, which can then be used: -* 
  + *To fetch address details during number association (activation, new Port-In, update APIs), instead of providing the address again*
  + *To retrieve all your validated addresses*
  + *To mitigate & reduce the volume of business failures due to incorrect addresses*
  + *To submit orders cleanly*
  + *To be regulatory compliant*

Input parameter(s)

Parameters vary depending on the country. Please find a summary below:

|  |  |
| --- | --- |
| Country | validateGeographicAddress Parameter(s) |
| Austria, Denmark, Germany, Sweden, UK, Luxembourg, Norway, Finland, Czech Republic, Poland, Slovakia, Romania | premisesNo, streetName, city, postalCode, Country |
| France | premisesNo, streetName, city, postalCode, Country  streetType- Optional |
| Netherlands | premisesNo, postalCode, Country  Extension-Optional |
| Belgium | premisesNo, addressExtension, streetName, subLocality, city, postalCode, Country |
| Italy | premisesNo, streetName, streetType, subLocality, province, city, postalCode, country |
| Portugal | premisesNo, streetName, city, postalCode, district(sublocality), country |
| Spain | premisesNo, streetName, streetType, province, city, postalCode, country |
| Switzerland | premisesNo, streetName, city, postalCode, Country |
| Ireland | premisesNo, streetName, subLocality, city, postalCode, county, Country |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * In AT, LAC validation is not implemented at Colt but must be followed. * In NL, addressID will not be returned in response. |

Example for validateGeographicAddress REST JSON API:

|  |  |
| --- | --- |
| Request | Response |
| validateGeographicAddress  {  “validGeographicAddress”:{  “geographicAddress”:{  “alias”:””,  “streetName”:”Hauptstraße”,  “streetNumber”:””,  “streetType”:””,  “extension”:””,  “premisesNo”:”40”,  “premisesLetter”:””,  “premisesName”:””,  “department”:””,  “floorSuite”:””,  “flatNumber”:””,  “cifNIF”:””,  “province”:””,  “municipality”:””,  “city”:”Vorhelm”,  “postalCode”:”59228”,  “country”:”DE”  }  }  } | {“validGeographicAddress”: [{  “addressID”: “1-828ZN5”,  “validationDate”: “11/03/2020 03:58:41”,  “validationStatus”: “Valid”,  “geographicAddress”: {  “alias”: “”,  “streetName”: “Hauptstr.”,  “streetNumber”: “”,  “streetType”: “”,  “extension”: “”,  “premisesNo”: “40”,  “premisesLetter”: “”,  “premisesName”: “”,  “department”: “”,  “floorSuite”: “”,  “flatNumber”: “”,  “province”: “Nordrhein-Westfalen”,  “municipality”: “”,  “city”: “Ahlen”,  “postalCode”: “59227”,  “country”: “DE”,  “provinceCode”: “”,  “municipalityCode”: “”,  “areaDetails”: [{“areaCode”: “2528”}],  “nomadicLAC”: [  {“nomadicLAC”: “3221”},  {“nomadicLAC”: “3222”}  ]  }  }]} |

For France: All LACs will be returned in areaDetails.

|  |  |
| --- | --- |
| Request | Response |
| validateGeographicAddress  {  “validGeographicAddress”:{  “geographicAddress”:{  “alias”:””,  “streetName”:” Rue Pierre Valette”,  “streetNumber”:””,  “streetType”:””,  “extension”:””,  “premisesNo”:”23”,  “premisesLetter”:””,  “premisesName”:””,  “department”:””,  “floorSuite”:””,  “flatNumber”:””,  “cifNIF”:””,  “province”:””,  “municipality”:””,  “city”:” Malakoff”,  “postalCode”:” 92240”,  “country”:”FR”  }  }  } | {"validGeographicAddress": [{  "validationDate": "09/08/2022 13:35:07",  "validationStatus": "Valid",  "geographicAddress": {  "alias": "",  "streetName": "RUE PIERRE VALETTE",  "streetType": "RUE",  "extension": "",  "premisesNo": "23",  "premisesName": "ENTREE 21",  "city": "MALAKOFF",  "postalCode": "92240",  "country": "FR",  "areaDetails": [  {"areaCode": "1"},  {"areaCode": "2"},  {"areaCode": "3"},  {"areaCode": "4"},  {"areaCode": "5"}  ],  "nomadicLAC": [{"nomadicLAC": "9"}],  "province": "HAUTS DE SEINE"  },  "addressID": "1-8GQQI7"  }]} |

## Get List of Numbers [numberCollection API]

### Description

The GET/numberCollection API returns list of numbers for a given number status (e.g., free, activated, port-in activated, etc).

### Response Schema

numberCollectionList [

enqueryNumberCollectionType

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **cliList** | [ *minItems: 1 maxItems: 1*  basicCliDetailsType{   |  |  | | --- | --- | | startFullNumber\* | E164NumberType  string *example: +442081324758* | | endFullNumber\* | E164NumberType  string *example: +442081324758* |   }] |
| **resourceStatus** | numberStatusType  string  Enum: [ Free, Reserved, Allocated, Reallocated, Activated, PortIn\_Reserved, PortIn\_Allocated, PortIn\_Activated, PortOut, Returned, Quarantined, PortIn\_Quarantined, Transferred, PortIn\_Reallocated, All, Port Out In Progress, Transfer In Progress, Return In Progress, PortIn Deactivation In Progress, PortIn Reactivation In Progress, Back To Regulator ] |
| **activationDate** | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| **reservationExpiryDate** | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| **quarantineExpiryDate** | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| **orderList** | [numberCollectionOrderType{   |  |  | | --- | --- | | id | orderIdType  string | | href | string | | userName | userNameType  string | |  |  |   }] |
| **portDetails** | enqueryPortDetailsType{   |  |  | | --- | --- | | portDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | |  |  |   } |
| **relatedParty** | enqueryRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  *service profile associated with customer request* |   } | | subReseller | subResellerType{   |  |  | | --- | --- | | id | subResellerIDType  string |   } | | endCustomerDetails | enqueryEndCustomerDetailsType{   |  |  | | --- | --- | | customerReference | customerRefType  string |   } | |  |  |   } |
| **username** | userNameType  string |
| **isCustomerOwned** | string |
|  |  |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Free Geo Number Search

#### Description

GET/numberCollection API returns the list of free numbers for a given Local Area

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| resourceStatus | Mandatory | Enum: **Free** |
| numberType | Mandatory | Type of number to indicate geo/non-geo numbers  Enum: **Geo** |
| numberCategory | Mandatory | Enum: All countries except DE:  **IPGEO**  ES:  **IPGEO -** Geo Nomadic  **Normal** - Geo  LU:  **Nomadic**  For DE only:  **IPGEO Single** (if block size=1),  **IPGEO Range** (if block size= 10,20,30,40,50,100, 200,300,400,500,600,700,800,900,1000,2000,3000, 4000,5000,6000,7000,8000,9000,10000)  For UK only:  **UK WIDE (Any Users)**  **UK WIDE (Public Services & Not for Profit)** |
| blockSize | Mandatory | Integer  Allowed blocksize:  AT: 1  PL: 100  DE: 10,20,30,40,50,100,200,300,400,500,600,700,800,900, 1000,2000,3000, 4000,5000,6000,7000,8000,9000,10000  Others: 1, 10, 100 |
| Quantity | Optional | Not required for DE  Default:1  Allowed quantity: 1,2,3,4,5,6,7,8,9 |
| **Free Geo Number search by Local Area Code** | | |
| areaCode | Mandatory | string *pattern: [0-9]{1,6}*  for LU: area code is always ‘0’ |
| areaCodeExtension | Optional | String  *pattern: [0-9]{1,4}* |
| **Free Geo Number search by Location (for Spain only)** | | |
| province | Mandatory | string *maxLength: 50* |
| cityTown | Mandatory | string *maxLength: 100* |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Please refer to Colt Geo coverage file to get list of Local Areas * In FR, the Local Area Code value = 1,2,3,4,5 without leading 0. |

**Request headers**

APIGWTrackingId: Test123

Authorization: Bearer 2625f1f456a9447da8b63727db3543ea

User-Agent: PostmanRuntime/7.28.1

Accept: \*/\*

Postman-Token: 193b6d03-3188-4f4a-b19d-49fd31792d56

Accept-Encoding: gzip, deflate, br

Connection: keep-alive

Referer: https://apimgd01.colt.net/numberManagement/v2/numberCollection?relatedParty.reseller.serviceProfile=ANH&resourceStatus=Free&numberType=Geo&numberCategory=IPGEO&blockSize=1&quantity=3&areaCode=0113

Host: apimgd01.colt.net:8443

**Response Headers**

APIGWTrackingId: Test123

Content-Type: application/json

Content-Encoding: gzip

Content-Length: 236

**Response body**

{"numberCollectionEnquiryRes":[{"cliList":[{"startFullNumber":"+441135265897","endFullNumber":"+441135265897"}],"resourceStatus":"Free","orderList":[{"href":"https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"}],"relatedParty":{"reseller":{"serviceProfile":"ANH"}}},{"cliList":[{"startFullNumber":"+441135265902","endFullNumber":"+441135265902"}],"resourceStatus":"Free","orderList":[{"href":"https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"}],"relatedParty":{"reseller":{"serviceProfile":"ANH"}}},{"cliList":[{"startFullNumber":"+441135265904","endFullNumber":"+441135265904"}],"resourceStatus":"Free","orderList":[{"href":"https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"}],"relatedParty":{"reseller":{"serviceProfile":"ANH"}}}]}

#### Sample response

|  |
| --- |
| Free Geo number response  Country = GB  LAC = 0113  Blocksize = 1  Quantity = 2 |
| {      "numberCollectionEnquiryRes": [          {              "cliList": [                  {                      "startFullNumber": "+441135265897",                      "endFullNumber": "+441135265897"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "ANH"                  }              }          },          {              "cliList": [                  {                      "startFullNumber": "+441135265902",                      "endFullNumber": "+441135265902"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "ANH"                  }              }          },          {              "cliList": [                  {                      "startFullNumber": "+441135265904",                      "endFullNumber": "+441135265904"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "ANH"                  }              }          }      ]  } |

|  |
| --- |
| FR Geo free number search response for customers who are using Colt Number Pool  Country = FR  LAC = 1  Blocksize = 10  Quantity = 2 |
| {      "numberCollectionEnquiryRes": [          {              "cliList": [                  {                      "startFullNumber": "+33170867610",                      "endFullNumber": "+33170867619"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "A29"                  }              }          },          {              "cliList": [                  {                      "startFullNumber": "+33170867620",                      "endFullNumber": "+33170867629"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "A29"                  }              }          }      ]  } |

|  |
| --- |
| FR Geo free number search response for customers who are using Colt Number Pool  Country = FR  LAC = 1  Blocksize = 10  Quantity = 5 |
| {      "numberCollectionEnquiryRes": [          {              "cliList": [                  {                      "startFullNumber": "+33250325600",                      "endFullNumber": "+33250325600"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          },          {              "cliList": [                  {                      "startFullNumber": "+33264550010",                      "endFullNumber": "+33264550010"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          },          {              "cliList": [                  {                      "startFullNumber": "+33264550011",                      "endFullNumber": "+33264550011"                  }              ],             "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              " isCustomerOwned": "Yes"          },          {              "cliList": [                  {                      "startFullNumber": "+33264550012",                      "endFullNumber": "+33264550012"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          },          {              "cliList": [                  {                      "startFullNumber": "+33264550013",                      "endFullNumber": "+33264550013"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          }      ]  } |

### Free Nomadic Number Search

#### Description

GET/numberCollection API returns the list of free Location Independent Numbers.

Applicable for AT, DE, FR, IE, IT, NL, ES, SE, CH, GB, PT, FI, PL, RO, SK, CZ

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| resourceStatus | Mandatory | Enum: **Free** |
| areaCode | Optional | Applicable only for FR customer owned numbers only |
| areaCodeExtension | Optional | Applicable only for FR customer owned numbers only |
| numberType | Mandatory | Type of number to indicate geo/non-geo numbers  Enum: **Geo**, **Non Geo**  For NL, FI, PL, RO, SK, CZ, numberType: Geo  For other countries: Non Geo |
| numberCategory | Mandatory | Enum:  All countries in scope except NL, DE:  **VOIP**  For DE only:  **IPGEO Single** (if block size=1),  **IPGEO Range** (if block size= 10,20,30,40,50,100, 200,300,400,500,600,700,800,900,1000,2000,3000, 4000,5000,6000,7000,8000,9000,10000)  For NL, FI, PL, RO, SK, CZ: **Nomadic** |
| blockSize | Mandatory | Integer  Allowed blocksize:  AT: 1  PL: 100  DE: 1,10,20,30,40,50,100,200,300,400,500,600,700,800,900, 1000,2000,3000,4000,5000,6000,7000,8000,9000,10000  Others: 1, 10, 100 |
| quantity | Optional | Not required for DE  Default:1  Allowed quantity: 1,2,3,4,5,6,7,8,9 |

#### Sample response

|  |
| --- |
| FR nomadic search, customer owned numbers |
| {      "numberCollectionEnquiryRes": [          {              "cliList": [                  {                      "startFullNumber": "+33912346677",                      "endFullNumber": "+33912346677"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgb01.colt.net/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          },          {              "cliList": [                  {                      "startFullNumber": "+33932457809",                      "endFullNumber": "+33932457809"                  }              ],              "resourceStatus": "Free",              "orderList": [                  {                      "href": "<https://apimgb01.colt.net/numberManagement/v2/numberCollection>"                  }              ],              "relatedParty": {                  "reseller": {                      "serviceProfile": "BOD"                  }              },              "isCustomerOwned": "Yes"          }      ]  } |

### Free UK 03 & 033 Number Search

#### Description

GET/numberCollection API returns the list of free UK ‘03’ or ‘033’numbers. 2 categories are available:

* ‘UK WIDE (Any Users)’
* ‘UK WIDE (Public Services & Not for Profit)’

Applicable for GB only

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| resourceStatus | Mandatory | Enum: **Free** |
| numberType | Mandatory | Type of number to indicate geo/non-geo numbers  Enum: **Non Geo** |
| numberCategory | Mandatory | Enum:  **UK WIDE (Any Users)**  **UK WIDE (Public Services & Not for Profit)** |
| blockSize | Mandatory | Integer  Allowed blocksize: 1, 10, 100 |
| quantity | Optional | Default:1  Allowed quantity: 1,2,3,4,5,6,7,8,9 |

#### Sample success response

|  |
| --- |
| GB 033X Free number search response  Country = GB  Blocksize = 1  Quantity = 2 |
| {      "numberCollectionEnquiryRes": [          {              "startFullNumber": "+443304601000",              "endFullNumber": "+443304601000",              "resourceStatus": "Free",              "numberType": "Non geo",              "numberCategory": "UK WIDE (Any Users)",              "order": {                  "href": "https://apimgb01.colt.net/numberManagement/v2/numberCollection"              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "ANH",                      "country": "GB"                  }              },              "place": {                  "areaCode": "0330",                  "areaCodeExtn": "460"              }          },          {              "startFullNumber": "+443304601001",              "endFullNumber": "+443304601001",              "resourceStatus": "Free",              "numberType": "Non geo",              "numberCategory": "UK WIDE (Any Users)",              "order": {                  "href": "https://apimgb01.colt.net /numberManagement/v2/numberCollection"              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "ANH",                      "country": "GB"                  }              },              "place": {                  "areaCode": "0330",                  "areaCodeExtn": "460"              }          }      ]  } |

### Number Search by status

#### Description

GET/numberCollection API returns the list of numbers of a given number status (e.g., activated numbers).

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| resourceStatus | Mandatory | Enum: Free, Reserved, Allocated, Reallocated, Activated, PortIn\_Reserved, PortIn\_Allocated, PortIn\_Activated, PortOut, Returned, Quarantined, PortIn\_Quarantined, Transferred, PortIn\_Reallocated, All, Port Out In Progress, Transfer In Progress, Return In Progress, PortIn Deactivation In Progress, PortIn Reactivation In Progress, Back To Regulator |

#### Sample success response

|  |
| --- |
| number search response  Country = AT  resourceStatus = Activated |
| {      "numberCollectionEnquiryRes": [          {              "startFullNumber": "+4312400067",              "endFullNumber": "+4312400067",              "resourceStatus": "Activated",              "activationDate": "2021-10-21T00:00:00.00",              "order": {                  "id": "5eca41cc-7b02-4fc6-8187-6a54027f9176",                   "href": "[https://apimgb01.colt.net/numberManagement/v2/numberCollection"](https://apimgb01.colt.net/numberManagement/v2/numberCollection%22)              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "A98",                      "country": "AT"                  },                  "endCustomerDetails": {                      "userName": "ColtDemo",                      "customerReference": "test"                  }              },              "place": {                  "areaCode": "01",                  "areaCodeExtn": "24"              }          }      ]  } |

### Number Search by orderID

#### Description

GET/numberCollection API returns the numbers in given ‘orderID’ in the customer inventory.

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| order.ID | Mandatory | orderID you would like to get status and details.  Allowed pattern: ^[A-Za-z0-9-]{1,36}$ |

#### Sample success response

|  |
| --- |
| number search response  Country = AT  orderId = 5eca41cc-7b02-4fc6-8187-6a54027f9176 |
| {      "numberCollectionEnquiryRes": [          {              "startFullNumber": "+4312400067",              "endFullNumber": "+4312400067",              "resourceStatus": "Activated",              "activationDate": "2021-10-21T00:00:00.00",              "order": {                  "id": "5eca41cc-7b02-4fc6-8187-6a54027f9176",                  "href": "https://apimgb01.colt.net/numberManagement/v2/numberCollection"              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "A98",                      "country": "AT"                  },                  "endCustomerDetails": {                      "userName": "ColtDemo",                      "customerReference": "test"                  }              },              "place": {                  "areaCode": "01",                  "areaCodeExtn": "24"              }          }      ]  } |

### Number Search by customer reference

#### Description

GET/numberCollection API returns the numbers with provided ‘customerReference’ in the customer inventory.

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| relatedParty.endCustomerDetails.customerReference | Mandatory | string *maxLength: 50* |

#### Sample success response

|  |
| --- |
| number search response  Country = AT  customerReference = My Customer |
| {      "numberCollectionEnquiryRes": [          {              "startFullNumber": "+4312400067",              "endFullNumber": "+4312400067",              "resourceStatus": "Activated",              "activationDate": "2021-10-21T00:00:00.00",              "order": {                  "id": "5eca41cc-7b02-4fc6-8187-6a54027f9176",                  "href": "https://apimgb01.colt.net/numberManagement/v2/numberCollection"              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "A98"                  },                  "endCustomerDetails": {                      "userName": "ColtDemo",                      "customerReference": "My Customer"                  }              },              "place": {                  "areaCode": "01",                  "areaCodeExtn": "24"              }          }      ]  } |

### Number Search by CLI

#### Description

GET/numberCollection API returns the status of a given number in the customer inventory.

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | service profile associated with customer request |
| cli | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |

#### Output/Response

If the number is found in your inventory, the same information as described in the above section will be returned.

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * PortIn\_Allocated status is not applicable in Germany. * ‘All’ can be used as search criteria, returning numbers independently from their status |

#### Sample success response

|  |
| --- |
| number search response  Country = AT  startFullNumber = +4312400067  endFullNumber = +4312400067 |
| {      "numberCollectionEnquiryRes": [          {              "startFullNumber": "+4312400067",              "endFullNumber": "+4312400067",              "resourceStatus": "Activated",              "activationDate": "2021-10-21T00:00:00.00",              "order": {                  "id": "5eca41cc-7b02-4fc6-8187-6a54027f9176",                  "href": "https://apimgb01.colt.net /numberManagement/v2/numberCollection"              },              "relatedParty": {                  "reseller": {                      "serviceProfile": "A98"                  },                  "endCustomerDetails": {                      "userName": "ColtDemo",                      "customerReference": "My Customer"                  }              },              "place": {                  "areaCode": "01",                  "areaCodeExtn": "24"              }          }      ]  } |

## Acquire number (number Reservation & number Activation)

### Description

Once you have identified a number you would like to purchase, you can acquire it by calling the API(s) below:

|  |  |
| --- | --- |
| API | Description |
| **POST/numberCollectionReservation** | **Only if cliStatus = ‘Free’**   * Number will be available in your inventory for 90 days. After that period, the number will go back to free status. * Number will not be assigned to an end-user yet, meaning the end-user information such as name, address, … are not required. * Network is not configured, and the number cannot be reached. |
| **POST/numberCollectionActivation** | **Only if cliStatus = ‘Free’** or **‘Reserved’**   * Number will be assigned to an end-user, meaning end-user information such as name, address, … are mandatory. * Network will be configured, and the number will be ready to be used. |
| **POST/numberCollectionActivation**  Country: ES | **Only if cliStatus = ‘Free’** or **‘Reserved’**   * LAC validation is applicable for Geo and Geo Nomadic Numbers only |

### cliStatus update

Please find below cliStatus update & next possible action(s):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Previous cliStatus | New Status | Next Possible Action(s) |
| POST/numberCollectionReservation | All | Free | Reserved | Number Activation, Cancel Reservation |
| POST/numberCollectionActivation | All | Reserved | Activated | Address Update, Number Deactivation |
| POST/numberCollectionActivation | All except IT | Free | Activated | Address Update, Number Deactivation |

### Output/Response

An orderID will be generated and returned to you.

The orderStatus will be ‘In progress’, until process completion.

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Only full range can be reserved or activated. * Direct activation (Free to Activated) is not available in IT. * LAC Validation might be applicable in some countries as part of the process. Please refer to service matrix for details. |

### Number Reservation

#### Description

POST/numberCollectionReservation API allows you to add number in stock without endcustomer assignment nor network configuration. Number will be reserved for 90 calendar days, and then shifts back to free pool.

#### Input parameters

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | |
| **cliList** | | |
| cli | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Conditional Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| **relatedParty** | | |
| **reseller** | | |
| serviceProfile | Mandatory | service profile associated with customer request |
| **endCustomerDetails** | | |
| customerReference | Optional | maxLength: 50 |
| **productOffering** | | |
| name | Mandatory | * Geographic Number Hosting |
| **lockId** | Conditional Mandatory | **(RESTRICTED USE ONLY)**  lockId received as the part of lockFreeNumbers API to be passed here.  Either lockId or CLI list to be passed in the input.  Filed applicable for all countries except FR, DE, Zone B countries |

#### Response Schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apimgd01.colt.net/numberCollection/v2/numberCollectionOperation* |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |

#### Sample Requests and Responses

|  |  |
| --- | --- |
| Request (GB) | Response (GB) |
| {      "cliList": [          {              "startFullNumber": "+441135243628",              "endFullNumber": "+441135243628"          }      ],      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          },          "endCustomerDetails": {              "customerReference": "test reservation"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "baa4253b-46ab-46aa-a6b8-01e8ed81eb63",          "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionReservation>"      }  } |

|  |  |
| --- | --- |
| Request (NL) | Response (NL) |
| {          "cliList": [          {  "cli": "+31100004687"  }  ],      "relatedParty": {          "reseller": {              "serviceProfile": "A9V"          },          "endCustomerDetails": {              "customerReference": "REST API"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "294a813b-9f8d-4a6b-9f0b-b6e153167bf0",          "href": "https://apimgb01.colt.net:8443/numberManagement/v2/numberCollectionReservation"      }  } |

### Number Activation

#### Description

POST/numberCollectionActivation API allows you to port Geo/VOIP number(s) to Colt’s network.

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **header** | | | |
| APIGWTrackingId | Mandatory | All | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | | |
| **productOffering** | | | |
| name | Mandatory | All | Geographic Number Hosting |
| **cliList** | | | |
| cli | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| endFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| **relatedParty** | | | |
| **reseller** | | | |
| **serviceProfile** | Mandatory | All | service profile associated with customer request |
| **subreseller** | | | |
| id | Optional | FR, IT, PT | string  for more details please refer to section 5.8 |
| **endCustomerDetails** | | | |
| customerType | Mandatory | BE, DE, IE, IT, NL, SE | Allowed values:   * Business * Residential |
| customerReference | Optional | All | string max length allowed: 50 |
| serviceType | Optional | All except ES, NL and Zone B countries | Allowed values:   * SUBSCRIBER * SERVICE   Customer should inform [ResellerSupport.Voice@colt.net](mailto:ResellerSupport.Voice@colt.net) if they wish to use this field |
| endCustomerName | Mandatory | All | String  Max length allowed:  IE: 35  GB: 50  CH: 60  DK, FR, DE, NL: 80  IT: 100  BE, PT: 120  AT: 250  ES, SE, LU, CZ, FI, NO, PL, SK, RO: 255  Allowed pattern: *"([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"*  Characters not allowed for GB: *?\$£\*+<>*  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Residential’ customer type this field is not required |
| firstName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 10  FR: 30  DE, IT, SE: 50  BE: 60  NL: 70  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Business’ customer type this field is not required |
| lastName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 25  DE, IT, SE: 50  BE: 60  NL: 70  FR: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Business’ customer type this field is not required |
| endCustomerDateOfBirth | Mandatory | DE | String  *Example: 09-11-1983*  For ‘Business’ customer type this field is not required |
| endCustomerLanguage | Mandatory | BE | Allowed value:   * **DE** = German * **FR** = French * **NL** = Dutch |
| companyRegistrationNumber | Mandatory | PT,ES,SE | String  SE- *also known as Subscriber ID/ Organisation number*  PT- *also known as NIF details. Accepted format: PTXXXXXXXXX or XXXXXXXXX (other country VAT) where X=0-9*  ES- *also known as CIF/NIF*  Max length allowed:  SE: 12  ES: 20  PT: 11 |
| companyRegistrationNumber | Optional | BE | String  Max length allowed: 12 |
| companyNumberRegistered | Optional | ES, PT | Allowed values: Yes, No |
| **endCustomerAddress** | | | |
| floorNumber | Optional | PT, IE, RO, AT | Max length allowed:  AT: 3  RO: 5  PT: 11  IE: 25 |
| houseNumber | Conditional Mandatory/ Mandatory | All | Conditional mandatory with building name for DK, DE, IE, NL  Mandatory for IT, ES, CH, BE, SE, FR, AT, PT  Max allowed length (L):  SE, BE : 5  NL: 1 ≤ L ≤ 5  IE, FR: 7  IT, ES, GB: 10  CH, PT: 12  AT,DK, DE, LU, CZ, FI, PL, NO, SK, RO: 20  Allowed pattern for NL: "^([1-9][0-9]{0,4})$"  ES: Street number will be entered here  BE: It includes the values of premisesNumber + premisesNumberLetter without a space. Ex:14a |
| orientationNumber | Optional | CZ | We are currently capturing Street Name, House Number, Post Code and City, however there is one additional field called Orientation Number. It is possible to have addresses with same Post Code, City, Street Name and House Number but different orientation number. Each of these addresses has a different Address Code which needs to be sent to EDB.  Allowed pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$  Max allowed length (L) ≤ 20 |
| buildingName | Conditional Mandatory / Optional | All (except ES, SE, FR, CH, AT and Zone B countries) | Conditional mandatory with premises number for DK, DE, IE, NL  Optional for PT, IT  Max allowed length:  PT: 30  DK, FR, DE, IT, NL, CH, IE: 50  GB: 55  Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\*  Characters not allowed for GB: *?\$£\*+<>* |
| streetName | Mandatory | All except GB | Max allowed length:  NL: 24  IE, FR: 40  DK, DE, SE, CH: 50  BE: 60  IT, PT: 70  AT: 80  ES, LU, CZ, FI, NO, SK, RO, PL: 200  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| streetName | Optional | GB | Max allowed length: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| city | Mandatory | All | Max allowed length:  IE: 20  GB, CH: 30  AT, DK, DE, NL, PT, SE: 50  BE, FR: 60  IT: 70  ES, LU, CZ, FI, NO, PL, SK, RO : 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| postalCode | Mandatory | All | Max allowed length:  AT, DK, CH, BE, LU, NO: 4  FR, DE, IT, ES, FI : 5  RO, SK: 6  CZ: 6 (3 digits followed by a space and then 2 digits e.g. 119 99 )  PL: 6 (2 digits followed by a hyphen and then 3 digits e.g. 00-003)  NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT)  IE: 8 (3 characters followed by a space and then 4 characters e.g. A65 B2CD)  GB: 1 ≤ L ≤ 8 (BX XAA, BBX XAA, BXX XAA, BBXX XAA, BXB XAA, BBXB XAA or BBXX AAA - A and B are alphabetical type (A to Z), X is a number type (0 to 9), always with a space between the 2 strings.)  SE: 8 |
| poBoxNumber | Optional | FR | Max allowed length:  FR: 5 |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| streetType | Mandatory/  Optional | IT, ES, RO | Mandatory for IT, ES, RO  Optional for FR  Max allowed length:  FR: 40  ES, RO: 50  IT: 30 |
| province | Mandatory | IT, ES | Max allowed length:  ES: 50  IT: 2 |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| subLocality | Mandatory/  Optional | PT, BE, IT, IE | Mandatory for PT  Optional for BE, IT, IE  Max allowed length:  IE: 21  PT: 50  BE, IT: 70 |
| block | Optional | AT | Max allowed length: 3 |
| stairs | Optional | AT | Max allowed length: 3 |
| doorNumber | Optional | AT | Max allowed length: 3 |
| room | Optional | PT | unit (apartment, suite)  Max allowed length: 10 |
| unit | Optional | PT | A "room" (CAtype 28) is the smallest identifiable subdivision of a structure.  Max allowed length: 15 |
| county | Mandatory | IE | Max allowed length:  IE: 15 |
| addressID | Optional | ES, BE, SE, IE, IT, PT, GB, FR, DE, LU, NO, RO, CZ, SK, FI, PL, CH, AT | address reference ID can be used instead of complete address  Allowed max length: 20 |
| **directoryServicesDetails**  Mandatory for ES, SE, NL and BE  Optional for other countries  Not applicable for FR | | | |
| orderType | Mandatory | AT, DE, CH | New - Additional DSU number to be published in DSU. Cease - Existing DSU telephone number details can be ceased. Amend - Existing DSU telephone number details can be modified.  **CH, AT**  Only "New" value is applicable for Activation and Portin orders.  Only "Cease" value is applicable for Deactivation and PortOut Journeys.  All 3 New, Modify and Cease values are applicable in Modify Operation when DSU changes are required. |
| endCustomerName | Mandatory / Conditional Mandatory | DE, IT, AT | String  Max length allowed:  DE: 50  IT: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  For ‘Residential’ customer type this field is not required  AT: 250  If customer Type is Business then ‘endCustomerName/Organization Name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| businessSuffix | Optional | IE, IT, GB, AT | User should enter the Official business suffix abbreviations only or word(s) in full. For example, Ltd, Limited, Plc, Co LTD, Company Ltd, & Co etc.  Allowed max length:  GB: 50  IE: 30  IT: 100  AT: 50 (businessSuffix is now an optional field irrespective of customerType passed in the request.) |
| businessDescription | Optional | IE, IT, GB, AT | This field is used at the customer’s request, if additional words are required to describe what a business actual does, e.g. Accountants, Solicitors, etc  Allowed max length:  GB, IE: 50  AT: 80  IT: 100 |
| subHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure  Sub Headers are used to sub-divide groups into different departments or divisions etc, where there is more than one telephone number for that department or division, e.g. Accounts, Sales. Address details or telephone numbers are not included in Sub Headers.  Sub Headers appear below the main header (the business trading name), but above the relevant listings.    Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Allowed max length:  GB: 50  IE: 20 |
| subSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure.  Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Sub Sub Header must have a parent Sub Header  Allowed max length:  GB: 50  IE: 20 |
| subSubSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure. Note: Sub Sub Header must be blank if entry format is A (single) or C (single Cross Ref)  Sub Sub Sub Header must have a parent Sub Sub Header  Allowed max length:  GB: 50  IE: 20 |
| qualifier | Optional | GB | This field is used to distinguish a specific department where only one number exists for that department. This data will appear before any address data on the listing. This field is only applicable to group listing i.e. if the user enters this data then the “Listing Category” should be selected as “Group”. E.g: Sales, General Enquiries, etc.  Allowed max length:  GB: 50  IE: 30 |
| DSUAddress | Mandatory | IT, GB, BE, IE, CH, AT | Address parameters or addressID to be provided in this node  **Address parameters**  **IT**: end customer address (houseNumber, streetName, Province, city, postalCode, houseNumberExtension, streetType, subLocality) or addressID  **GB:** end customer address (houseNumber, buildingName, streetName, city, postalCode) or addressID  **B**E: end customer address (houseNumber, houseNumberExtension , streetName, city, postalCode) or addressID  IE: end customer address ( floorSuite, houseNumber, buildingName, streetName, city, postalCode, subLocality, county) or addressID  **CH**: end customer address (houseNumber, streetName, city, postalCode) or addressID  **AT:**  end customer address (houseNumber, streetName, city, postalCode, block, stairs, doorNumber) or address ID |
| DSUAddress | Mandatory | DE | Address parameters to be provided in this node  **Address parameters**  **DE**: houseNumber, streetName, city, postalCode |
| telephoneNumber | Mandatory | AT, DE, CH, IT | **IT:**  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short number range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a number range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where all the followings examples are acceptable :  - 02 328039  - 02 3280390 or 1 or ….. 9  - 02 32803900 or 01 or … 99  **CH:**  Publish only 1 CLI number for the DSU without short number logic. DSU Telephone number should be validated with number range selected in the order. include for each number range selected in UI needs to populate individual DSU Telephone number.  Allowed max length:  IT: 13  DE, IE: 14  CH: 12  AT: 20 |
| isFaxNumber | Optional | AT | Is the DSU Telephone number a Fax number    Boolean  Allowed values:   * true * false |
| entryType | Mandatory | GB | Allowed values:   * **DE**: Directory Entry –will feed to all directory services including the local BT Phone Book if it is a Main DQ listing. Only business listings are passed to classified services. * **DQR**: Directory Enquiry Record – listing will be available to Voice 118 services and Tele-Appenders only. Business listings only are also passed to Classified products. * **XD/NC**: Ex-Directory No Calls – listing will feed to Voice 118 services but the telephone number is withheld. |
| listingCategory | Mandatory | GB | Allowed values:   * Single * Group |
| typeFace | Mandatory | GB | Allowed values:   * Ordinary * Bold * Superbold |
| priority | Mandatory | GB | Allowed values:   * A * S * Z   A to list first S to list alphabetically Z to list last If Listing Category is Group then A,S or Z values are applicable. If Listing Category is Single then only S value is applicable.  The values defined for "Priority" are conditional upon the selection of "Listing Category" Field values. |
| listingType | Mandatory | GB | Allowed values:   * DQMain * DQAdditional * PB |
| additionalIinstructions | Optional | AT, DE, IT, IE | Additional Address (ULTERIORE INDIRIZZO)  It can be used for Web Site or Branch address (More than 1 address)  Allowed length:  IT: 200  DE, IE: 250  AT: 500 |
| companyRegistrationNumber | Mandatory / Conditional Mandatory | IT, AT | Allowed length:  IT= 11 (if customerType is Business)  AT: 11 (Mandatory if customerType is Business) |
| companyEmailAddress | Optional | IT, CH | Email address |
| listingLanguage | Mandatory | BE | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **NL**: Dutch * **FR**: French * **DE**: German   The value must correspond to the language used for fields Street name and locality name. |
| listingLanguage | Mandatory | CH | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **E**: English * **F**: French * **D**: German * **I**: Italian |
| usageType | Optional | PT | Allowed values:   * ‘1-Telephone’ * ‘2-SemiAutomaticFax’ * ‘3-AutomaticFax’ |
| searchOnTelephoneOnly | Mandatory | IT | Allowed values:   * ‘Yes’ = visible in derived / market research * ‘No’ = not visible in derived / market research (Default) |
| allowAdvertisingEmails | Mandatory | IT | Allowed values:   * ‘Yes’ = agree to receive advertising emails * ‘No’ = do not agree to receive advertising emails (Default) |
| allowAdvertisingCalls | Mandatory | IT, CH | Mandatory for IT and CH  Allowed values:   * ‘Yes’ = agree to receive advertising calls * ‘No’ = do not agree to receive advertising calls (Default) |
| basicDirectoryEntry | Mandatory | ES | Confirms consent or not to the appearance of user data in guides / consultation services.  Allowed values:   * ‘N’ = (No), data will not appear in query * ‘Y’ = (Yes), data will appear in query |
| directSalesMarketingEntry | Mandatory | ES | Confirms consent or not to data being published in guides / services used for commercial or advertising purposes.  Allowed values:   * ‘N’ = (No), do not allow the use of data for commercial & advertising purposes, * ‘Y’ = (Yes) , allow the use of data for commercial & advertising purposes. |
| secretListing | Mandatory | SE | Confirms consent or not to data being published in guides / services used for public or secret listing purposes.  Allowed values:   * ‘N’ = Allows use of data for public listing * ‘Y’ = Allows use of data for secret listing |
| directoryListingOptions | Mandatory | BE | Allowed values:   * No consent * Full Address consent, no Reverse * Partial Address consent, no Reverse * Full Address consent, with Reverse * Partial Address consent, with Reverse |
| directoryListingOptions | Mandatory | IE | Allowed values:   * Listed * Unlisted * ExDirectory |
| confidentialityFlag | Mandatory | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityOtherFlag | Optional | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityReverseSearch | Mandatory | PT | Allowed values:   * ‘n-not\_opposed\_reversesearch’ = available in reverse search (not confidential) * ‘s-opposed\_reversesearch’ = not available in reverse search (confidential) (Default) |
| advertisementFlag | Mandatory | IT | Allowed values:  ‘0-No’ = do not agree to receive advertisements on other channels (Default) |
| subscriptionCategoryIndex | Optional | IT | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration)  Allowed values:   * ‘00-PrivateCustomerCategory’ * ‘01-CompanyCustomerCategory’ (Default) * ‘02-SemiPublicCustomerCategory’ * ‘03-PublicCustomerCategory’ |
| electronicDirectory | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Electronic Directory Services  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Allowed values are: • **Yes** = visible in Electronic Directories listing • **No** = not visible in Electronic Directories listing |
| subscriberInformationServices | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Directory Enquiry Services  Mandatory for the non Portin orders and if a Port-In order has keepCurrentSettings = No Permitted Values: • Yes = visible in information services listing • No = not visible in information services listing |
| numberMasking | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customer's request to mask their number in the invoices  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Values are: • **Yes** = CLI is to be masked in the invoices • **No** = CLI can be visible in the invoices |
| keepCurrentSettings | Not applicable | NL | keepCurrentSettings field is only applicable in PortIn orders and not be visible in non-portin order. If the value of keepCurrentSettings is “**Yes**” in a Port-in order, then ignore sending the values of informationServices, numberMasking, electronicDirectory to Colt. If the value of keepCurrentSettings is “**No**” in a Port-in order, then mandatorily send the values of informationServices, numberMasking, and electronicDirectory to Colt. |
| oldTelephoneNumber | Optional | IT, CH | **IT:**  Used if DSU telephone number needs to be changed from one number to another without changing the other DSU details.  Only used when OrderType(DSU) is Amend.  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short numbering range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a numbering range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where are acceptable all the followings examples :  - 02 328039  - 02 3280390 or 1 or ….. 9  - 02 32803900 or 01 or … 99  **CH:**  Only used when OrderType(DSU) is AMEND.  Used if DSU telephone number to be changed from one number to another with or without changing the other DSU details. Publish only 1 CLI number for the DSU without short number logic.  Allowed max length:  IT: 13  CH: 12 |
| customerType | Mandatory | IT, AT | Allowed values:  IT:   * Business * Residential   AT:   * Business * Residential * Mixed |
| firstName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| lastName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| fiscalCode | Conditional Mandatory | IT | If customer Type is ‘Residential’ then this field is mandatory for IT  fixed allowed length: 16 |
| importAndCease | Not required for activation | IT | NA |
| amalgamateWithVAT | Mandatory | IT | Amalgamate numbers with VAT/tax code  Allowed values are in bold:   * **Yes** = Grouping * **No** = No grouping |
| directMarketingPreference | Optional | IE | Allowed values:   * Y * N |
| **order**  Mandatory (for customers using Colt Owned Numbers)  N/A (for customers using their own number pool) | | | |
| **triPartyAgreementType** | | | |
| fileName |  | FR | documentNameType  string  pattern: .\*((\.docx)|(\.pdf)|(\.doc)) |
| fileContent |  | FR | attachmentType  string($base64) maxLength: *5242880* 5MB |
| **lockId**  (RESTRICTED USE ONLY) | Conditional Mandatory | All except FR, DE and ZoneB countries | lockId received as the part of lockFreeNumbers API to be passed here.  Either lockId or CLI list to be passed in the input. |
| **groupedClisRangeSpecList** (Optional node)  (for NL only) | | | |
| parentCliRange  startFullNumber  endFullNumber | Mandatory | NL | E164NumberType  string maxLength: 20 example: +31XXXXXXXXXX |
| parentCliRange  startFullNumber  endFullNumber | Optional | CH | Conditional Mandatory with order level startFullNumber and endFullNumber with multiple number ranges or multiple individual CLI's are provided if operation type is Activation and Portin Activation. Otherwise it is optional  E164NumberType  string maxLength: 20 example: +41XXXXXXXXXX |
| childCliRangeSpecs | | | |
| cliRange  startFullNumber  endFullNumber | Mandatory | NL | E164NumberType  string maxLength: 20 example: +31XXXXXXXXXX |
| directoryServicesDetailsType | Optional | NL | CLI level DS details can be provided |
| endCustomerDetails  emergencyAddress | Optional | NL | CLI level emergency address can be provided |

#### Response Schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apigw-uat.colt.net/numberCollection/v1/numberCollectionOperation* |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |

#### Sample Requests and Responses

|  |  |
| --- | --- |
| Request (BE) | Response (BE) |
| {      "cliList": [          {              "startFullNumber": "+442080012550",              "endFullNumber": "+442080012559"          }      ],      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          },          "endCustomerDetails": {              "endCustomerName": "Colt",              "endCustomerAddress": {                  "houseNumber": "20",                  "streetName": "GREAT EASTERN STREET",                  "city": "LONDON",                  "postalCode": "EC2A 3EH",              },              "customerReference": "Colt"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "e29e7059-0a74-4675-9224-6edbc3506ce3",          "href": "<https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionActivation>"      }  } |

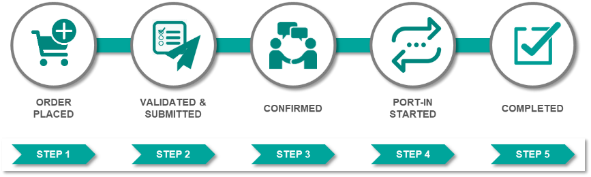
|  |  |
| --- | --- |
| Request (NL) PREACTIVATION | Response (NL) |
| {  "cliList": [          {              "startFullNumber": "+31100004687",              "endFullNumber": "+31100004687"          }      ],      "relatedParty": {          "reseller": {              "serviceProfile": "A9V",              "country": "NL"          },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "294a813b-9f8d-4a6b-9f0b-b6e153167bf0",          "href": "https://apimgb01.colt.net/numberManagement/v2/numberCollectionReservation"      }  } |

|  |  |
| --- | --- |
| Request (FR) with tri-party agreement | Response (FR) |
| {      "cliList": [{          "startFullNumber": "+33214006625",          "endFullNumber": "+33214006625"      }],      "relatedParty": {          "reseller": {              "serviceProfile": "A29"          },      "endCustomerDetails": {              "endCustomerName": "Colt",              "customerReference": "Colt Demo",              "endCustomerAddress": {                      "houseNumber": "23",                      "streetName": " PIERRE VALETTE",  "streetType": "RUE ",                      "city": "MALAKOFF",                      "postalCode": "92240"                  }              }          },      "productOffering": {          "name": "Geographic Number Hosting"      }  "order": {      "triPartyAgreementType": {        "fileName": "triparty.pdf",        "fileContent": "UEsDBBQA"  }  }  } | {      "order": {          "id": "cef8643d-4c2e-4c4b-926c-253d27c15d57",          "href": "https://apimgb01.colt.net/numberManagement/v2/numberCollectionReservation"      }  } |

# **Port-In**

## Port-In Life Cycle

High level process, from submission to completion, can be summarized as per the below image:

**

### Order Status [orderStatus]

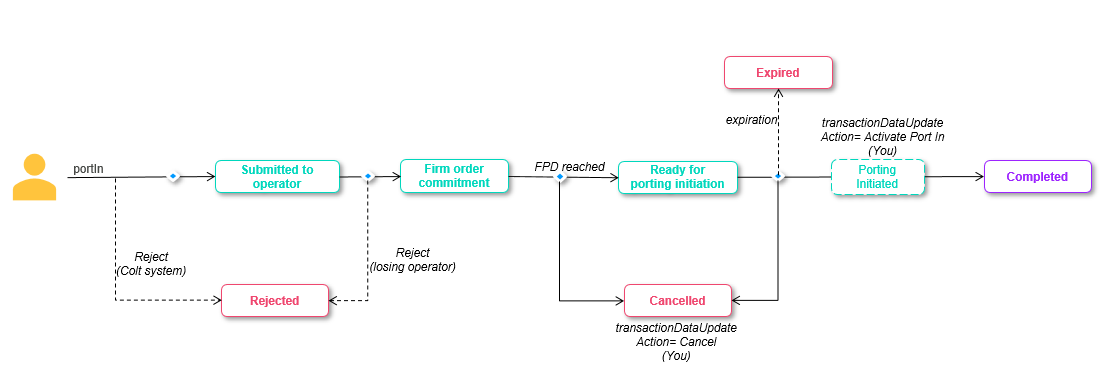
Port-In order might have additional status [**orderStatus**] than the ones described in the section 2.5.

Please find below list of the ones applicable to Port-In orders:

|  |  |  |
| --- | --- | --- |
| orderStatus | Country | Description |
| **Validation In Progress** | All except NL | Order validation is pending at Colt end. Status is applicable:   * As first status after order submission. * After customer has provided additional, i.e., after ‘Customer feedback awaited’ |
| **Submitted to operator** | All | The order has been sent to releasing operator for port negotiation. |
| **Firm order commitment** | All | Order has been confirmed by the losing operator with:   * The First Possible Date (FPD) in the Netherlands (usually within the next 48 hours).   + FPD is the soonest date numbers can be ported-in. It can be any day within the next 120 calendar days.   + Please note that an overall FPD will be returned for order with multiple ranges and different FPD.   + You can schedule the port (optional). * Agreed port date & window in the other countries. |
| **Ready for porting Initiation** | NL | Once the FPD is reached, order status will change automatically to ‘Ready for Porting Initiation’. You can initiate or schedule the Port within the next 90 calendar days.  Please note that order will automatically expire 90 calendar days after FPD if port has not been initiated. Email notification will be sent 10 days before expiration, every day until expiration. |
| **Porting initiated** | All except NL | Port has been initiated by Colt. |
| **Completed** | All | Port has been completed.  No further action possible. |
| **Customer feedback awaited** | All except NL | Additional information is required by Colt and/or the releasing operator.  Please note order will expire after 72 hours if no update provided by customer. |
| **Delayed** | All except NL | Port has been delayed before the initiation of porting. Colt will provide the reason. |
| **Porting Completion Delayed** | All except NL | Port has been delayed after the initiation of porting. Colt will provide the reason. |
| **Expired** | All except NL | Order automatically expires after:   * 90 calendar days after the FPD if initiation has not been performed in the Netherlands. * 72 hours for order in ‘Customer Feedback Awaited’ status (i.e. if you have not provided updates to the order) in the other countries.   No further action will be possible. |
| **Cancelled** | All | Order has been cancelled. No further action will be possible. |
| **Rejected** | All | Order has been rejected by Colt. Rejection code and reason will be shared.  No further action will be possible. |
| **Porting failed** | All except NL | The port has been rolled back to the releasing operator.  No further action will be possible. |

### Port-In in the Netherlands

The below diagram provides a view of order status [**orderStatus**] transition based on API action:



Please note that Port-In process is fully automated with direct connection to National Porting Database (COIN). Colt Porting Desk only manages complex and Out of Hours orders.

NL 088 numbers

We have automated the ability for you to port-in your own / your end-customers’ own 088 Nomadic Numbers in the Netherlands using our Port-in/out APIs and our NOD portal. 088 numbers give you and your end-customers full country coverage.

**Port-In/Out journey** :

The porting journey for 088 numbers is similar to the existing journey for geographic numbers, with a few exceptions. To Port-In 088 numbers:-

* It is mandatory that you provide the **ACM document** in addition to the mandatory LOA document.
  + The ACM document must be provided in the ‘regulatoryAssignmentFileName’ / ‘regulatoryAssignmentFileContent’ fields
* LAC validation will not be applicable for orders with 088 numbers
* Address validation will be done
* ‘country’ field will only accept ‘NL’ as the value
* A combination of 088 numbers and other numbers with a different LAC in the same order will be rejected
* There is no change to the address fields or Directory Services update

**Please note:**

* The Porting Desk may receive a direct notice from the Regulator in the Netherlands (ACM/COIN) that 088 numbers under your account have been revoked. Colt NL porting desk will notify you of this revoke notification and inform you on the next steps to undertake and timelines.
* In case of no response or adequate actions, Colt NL Porting Desk will deactivate the affected numbers in the local registry and on the Colt network as per regulatory obligations.

**Activation journey:**

Activation of 088 numbers should be placed using PortIn API.

To Activate 088 numbers:-

* It is mandatory that you provide the **ACM document**.
  + The ACM document must be provided in the ‘regulatoryAssignmentFileName’ / ‘regulatoryAssignmentFileContent’ fields
* LAC validation will not be applicable for orders with 088 numbers
* Address validation will be done
* ‘country’ field will only accept ‘NL’ as the value
* A combination of 088 numbers and other numbers with a different LAC in the same order will be rejected
* There is no change to the address fields or Directory Services update
* Contract details are not required in activation journey.
* Post successful activation, you’ll be notified.

The Activation request will move from In Progress status to ‘Submitted to Local DB’ and number status will be ‘Port In Reserved’ and will be sent to PTXS. PTXS will either accept or reject the request within 3 working days.

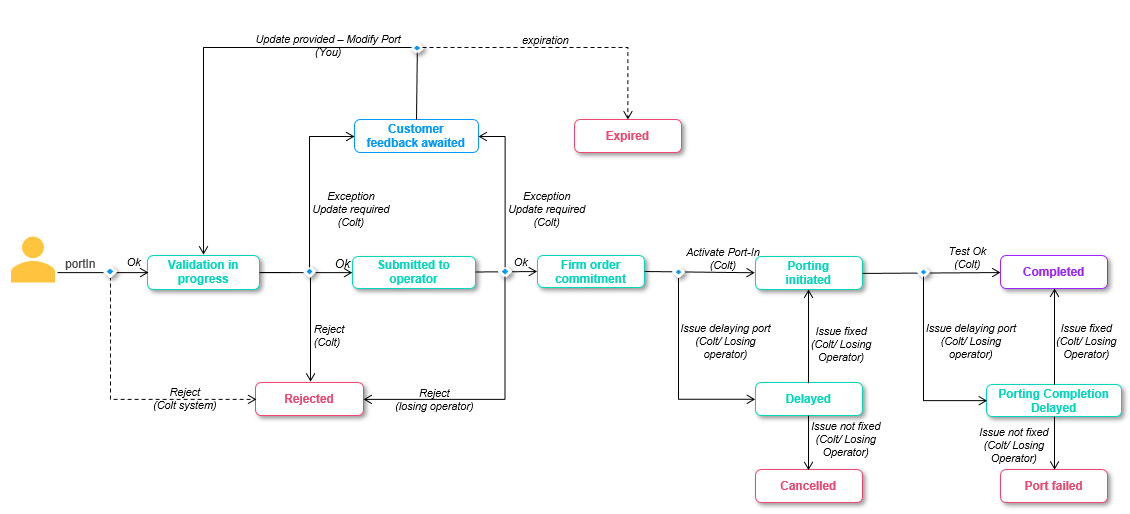
If Rejected, order will move from In Progress to Rejected. Possible ejection reasons are:

1. Blocking code 10 - Numbers already active please raise a port request for this!
2. Blocking code 11: No valid ACM assignment exists for these numbers please contact Dutch regulatory ACM to sort this. (11)
3. Blocking code 99: Other- please refer to the notes section

If Accepted, Colt will process the activation automatically and order will move from ‘Submitted to Local DB’ to ‘Completed’ and number status will be updated from ‘Port In Reserved’ to ‘Port In Allocated’ to ‘Port In Activated’.

### Port-In in the Other Countries

The below diagram provides a view of order status [**orderStatus**] transition based on API action:



### Order Action & Transition

The below table provides status transition depending on user action and country:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Country | User | Action | Current orderStatus | Target  orderStatus |
| All except NL | Colt System | (automated check = OK) | (N/A, submission) | Validation in progress |
| All | Colt System | Automated check NOK | (N/A, submission) | Rejected |
| NL | Colt System | Automated check OK | (N/A, submission) | Submitted to operator |
| All except NL | Colt | Submit to Operator | Validation in progress | Submitted to operator |
| All except NL | Colt | Reject | Validation in progress | Rejected |
| All except NL | Colt | Request Customer Feedback | Validation in progress | Customer feedback awaited |
| All | Colt | Confirm Order | Submitted to operator | Firm order commitment |
| All | Colt | Reject | Submitted to operator | Rejected |
| All except NL | Colt | Request Customer Feedback | Submitted to operator | Customer feedback awaited |
| All except NL | Customer | Modify Port | Customer feedback awaited | Validation in progress |
| All except NL | Colt System | No update after 3 working days | Customer feedback awaited | Expired |
| NL | Colt System | N/A | Firm order commitment | Ready for porting initiation |
| All except NL | Colt | Notify Customer about delay | Firm order commitment | Delayed |
| All except NL | Colt | Activate Port-In | Firm order commitment | Porting initiated |
| NL | Customer | Activate Port-In | Ready for porting initiation | Porting initiated |
| NL | Colt System | No update after 90 calendar days | Ready for porting initiation | Expired |
| All except NL | Colt | Test successful | Porting initiated | Completed |
| All except NL | Colt | Notify Customer about delay | Porting initiated | Porting Completion Delayed |
| All except NL | Colt | Activate Port-In | Delayed | Porting initiated |
| All except NL | Colt | Initiate Roll Back | Delayed | Porting failed |

## New Port-In [portIn API]

The portIn API allows you to request a new port-in request to Colt.

Request can be summarized as per the below:

1. Port-In order information
   1. End-customer information (name, address…).
   2. List of numbers to be ported-in.
   3. Porting information (porting form, wish date & time, ….).
   4. Phonebook publication details
2. Attachment
3. Email notification contact details.

**NL Administrative address in port-in orders**

As per the porting regulation in the Netherlands a customer may register numbers against an administrative address which is outside of the local area of the number(s) as long as the installation address of the numbers is within the local area associated with the local area code (LAC). Porting validation rules dictate that this administrative address may be used in the Port-in validation process. This means that if the number can be matched to an end customer using an administrative address outside the local area which differs from the installation address, this must be deemed to be correct and passed as a valid request.

The administrative address has the same address validation rules as the installation address. There are 3 key points to note:

* A customer can enter a PO box (Postbus) address in the administrative address but a PO box (Postbus) is not permitted in the installation address
* The administrative address must be in the Netherlands (country code = NL)
* The use of the administrative address is optional.

You’ll be able to enter up to 3 addresses for your end customer.

* Installation/Current address - Mandatory
* New Address - Optional
* Administrative Address – Optional

***Please note:***

* If only Installation/Current address is entered then only this address will be used for the emergency database entry.
* If both Installation/Current address and New Address is entered then the new address will be used for the emergency database entry.
* The administrative address will not be used for the emergency database entry.

***Port-In and Port Out (NL)***

* In the case where an order succeeds but the update to the emergency database has failed to complete and is pending, you will receive a notification of the pending emergency database update. The number(s) will be technically ready for use, i.e. calls can be made, but if an emergency call is made, the PSAP will not yet have the caller’s emergency address. You will receive a final notification when the Port-In or Port-out order is completed which will be sent upon successful completion of the update to the emergency database.
* **Port-In:**

The execution period (i.e. scheduling of a port) is open for up to 90 **calendar days** from the First (possible) Porting date (FPD)

* **Port-out:** for portOut (Accept/Reject)

the FPD date can be set to any date within 120 **calendar days** (excluding public holidays)

If ‘Early Termination’ is received in the ‘contract’ value, then the FPD cannot be less than 3 **working** **days** from the current date and the only possible date will be day 4

***France***

Optional field ‘Porting prefix’ to be provided while raising a portin request. If not provided, Colt’s prefix will be mapped to the requested numbers.

### Description

POST/numberCollectionPortIn API allows you to assign a number to an end customer and activate it on Colt’s network.

### Input parameters

Input parameter(s)

Please find below information you need to send to Colt:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **header** | | | |
| APIGWTrackingId | Mandatory | All | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | | |
| **cliList (allowed ranges per order described in another table in this section)** | | | |
| cli | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| endFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| singleLine | Optional | All except NL, DE and Zone B countries | *singleLineType*  *string*  *Enum:[ S ]* |
| multiLine | Optional | All except NL, DE and Zone B countries | *multiLineType*  *string*  *Enum:[ M ]* |
| secretCode | Mandatory | IT | *secretCodeType*  *string maxLength: 22* |
| OKUCode | Conditional Mandatory | CZ | *Length= 14 pattern: ^[0-9]{14,14}$*  *Either LOA/porting form or OKU code is required.* |
| **portDetails** | | | |
| portInDate | Mandatory | All except NL | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format  The date you would like to port the number. Please note that minimum lead-time applies between the date of the request and the date entered. Please refer to Service Matrix for more information. |
| portInWindow | Mandatory | All except NL | portingWindowType  string  The time you would like to port the number. Please note that windows are country specific. Please refer to Service Matrix for more information.  Format: HHMM-HHMM |
| currentOperator | Mandatory | All expect NL | nameType  string *maxLength: 60*  *DE- format accepted: DXXX where X=0..9*  Please refer to service matrix for allowed operator values. If incorrect value is passed, Port-In request will fail with business failure.  This rule is appliable for all countries except NL and DE. |
| portType | Mandatory | NL, BE | Allowed Value = Simple, Complex. |
| accessCode | Optional | PT | accessCodeType  string maxLength: 14  allowed format: 4 digits-4 digits-4 digits  *Example: 3571-5757-7739* |
| mainBillingNumber | Mandatory | All expect NL, DE and Zone B countries | E164NumberType  string *maxLength: 20 example: +442081324758*  Please enter the Main Billing Number on order level for all countries except NL, DE, GB  Only E164 format accepted  **New behavior for GB**: the main billing number for GB/UK will be captured at the range level to avoid rejections from losing operators.  The above change for GB/UK is a code breaking change for API customers but in this release it is optional. **We will continue to support the current behavior**, i.e. accept the main billing number at the order level **until further notice** in GB/UK..  Please note you cannot pass MBN at both range and order level - only one will be accepted.  Colt’s recommendation is to pass the MBN at the range level to reduce the rejections from losing operators in the UK/GB.  **Please note:** In the other countries the main billing number will continue to be captured at the order level. |
| contract\*\* | Optional | NL | String  Enum:   * Early Termination * Continuation |
| portingPrefix | Optional | FR | String |
| autoPortIn | Optional | BE | yesNoType  string  Enum: [ Yes, No ]  a new optional field ‘autoPortIn’ in the Port-In request.   * If ‘Yes’ is passed in the request, then on the day of the port the request will be automatically picked up by our system for provisioning. * If ‘No’ or it’s blank, then on the day of the port, the Colt porting desk will manually proceed to process the Port-In request.   This value will be displayed in GET/order{orderID} REST API response |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from saved details against the profile provided by you doing profile setup.* | | | |
| firstName | Mandatory | All | nameType  string *maxLength: 60* |
| lastName | Mandatory | All | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | All | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | All | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | All | emailFormat  string |
| fax | Optional | All | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **portAttachement** | | | |
| letterOfAuthorityFileName | Mandatory | All | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| letterOfAuthorityFileContent | Mandatory | All | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| invoiceDocumentFileName | Mandatory | FR, IT, PT, CH  For rest of the countries except NL- Optional | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| invoicedocumentFileContent | Mandatory | FR, IT, PT, CH  For rest of the countries except NL- Optional | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| supplementaryDocumentFileName | Optional | All except NL | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)|(\.csv$))* |
| supplementaryFileContent | Optional | All except NL | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| regulatoryAssignmentFileName | Mandatory | NL | Applicable for NL 088 number activation only  documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| regulatoryAssignmentFileContent | Mandatory | NL | Applicable for NL 088 number activation only  attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| **resellerType** | | | |
| serviceProfile | Mandatory | All | service profile associated with customer request |
| **subReseller** | | | |
| subResellerID | Optional | FR, IT, PT | string  for more details please refer to section 5.8 |
| **endCustomerDetails (Mandatory)** | | | |
| customerType | Mandatory | BE, DE, IE, IT, NL, SE | Allowed values:   * Business * Residential |
| endCustomerName | Mandatory | All | String  Max length allowed:  IE: 35  GB: 50  CH: 60  AT, DK, FR, DE, NL: 80  IT: 100  BE, PT: 120  AT: 250  ES, SE, LU, SK, FI, NO, RO, CZ, PL: 255  Allowed pattern for GB: "^([A-Za-z0-9 À-ÖØ-öø-ÿ-,/.'''':@)(~!"&"]\*)$"  Characters not allowed for GB: ^([!?/\"$£\*`()+<>:]\*)$  Allowed pattern for other countries: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required.  For ‘Residential’ customer type this field is not required |
| firstName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 10  FR: 30  DE, IT, SE: 50  BE: 60  NL: 70  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Business’ customer type this field is not required |
| lastName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 25  DE, IT, SE: 50  BE: 60  NL: 70  FR: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Business’ customer type this field is not required |
| endCustomerDatOfBirth | Mandatory | DE | String  *Example: 09-11-1983*  For ‘Business’ customer type this field is not required |
| endCustomerLanguage | Mandatory | BE | Allowed value:   * **DE** = German * **FR** = French * **NL** = Dutch * **EN** = English |
| companyRegistrationNumber | Mandatory | PT,ES,SE | String  SE- *also known as Subscriber ID/ Organisation number*  PT- *also known as NIF details. Accepted format: PTXXXXXXXXX or XXXXXXXXX (other country VAT) where X=0-9*  ES- *also known as CIF/NIF*  Max length allowed:  SE: 12  ES: 20  PT: 11 |
| companyRegistrationNumber | Optional | BE | String  Max length allowed: 12 |
| companyNumberRegistered | Optional | ES, PT | Allowed values: Yes, No |
| serviceType | Optional | All except NL, ES and Zone B countries | Allowed values:   * SUBSCRIBER * SERVICE   You should inform [ResellerSupport.Voice@colt.net](mailto:ResellerSupport.Voice@colt.net) if you wish to use this field |
| providedCVP | Mandatory | PT | string |
| **endCustomerAddress (current address- mandatory) and**  **newCustomerAddress (optional)** | | | |
| floorNumber | Optional | PT, IE, RO, AT | Max length allowed:  AT: 3  RO: 5  PT: 11  IE: 25 |
| houseNumber | Conditional Mandatory/ Mandatory | All | Conditional mandatory with building name for DK, DE, IE, NL  Mandatory for IT, ES, CH, BE, SE, FR, AT, PT  Max allowed length (L):  SE, BE : 5  NL: 1 ≤ L ≤ 5  IE, FR: 7  IT, ES, GB: 10  CH, PT: 12  AT,DK, DE, LU, CZ, FI, PL, NO, SK, RO: 20  Allowed pattern for NL: "^([1-9][0-9]{0,4})$"  ES: Street number will be entered here  BE: It includes the values of premisesNumber + premisesNumberLetter without a space. Ex:14a |
| orientationNumber | Optional | CZ | We are currently capturing Street Name, House Number, Post Code and City, however there is one additional field called Orientation Number. It is possible to have addresses with same Post Code, City, Street Name and House Number but different orientation number. Each of these addresses has a different Address Code which needs to be sent to EDB.  Allowed pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$  Max allowed length (L) ≤ 20 |
| buildingName | Conditional Mandatory / Optional | All (except ES, SE, FR, CH, AT and Zone B countries) | Conditional mandatory with premises number for DK, DE, IE, NL  Optional for PT, IT  Max allowed length:  PT: 30  DK, FR, DE, IT, NL, CH, IE: 50  GB: 55  Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\*  Characters not allowed for GB: *?\$£\*+<>* |
| streetName | Mandatory | All except GB | Max allowed length:  NL: 24  IE, FR: 40  DK, DE, SE, CH: 50  BE: 60  IT, PT: 70  AT: 80  ES, LU, CZ, FI, NO, SK, RO, PL: 200  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| streetName | Optional | GB | Max allowed length: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| city | Mandatory | All | Max allowed length:  IE: 20  GB, CH: 30  AT, DK, DE, NL, PT, SE: 50  BE, FR: 60  IT: 70  ES, LU, CZ, FI, NO, PL, SK, RO : 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| postalCode | Mandatory | All | Max allowed length:  AT, DK, CH, BE, LU, NO: 4  FR, DE, IT, ES, FI : 5  RO, SK: 6  CZ: 6 (3 digits followed by a space and then 2 digits e.g. 119 99 )  PL: 6 (2 digits followed by a hyphen and then 3 digits e.g. 00-003)  NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT)  IE: 8 (3 characters followed by a space and then 4 characters e.g. A65 B2CD)  GB: 1 ≤ L ≤ 8 (BX XAA, BBX XAA, BXX XAA, BBXX XAA, BXB XAA, BBXB XAA or BBXX AAA - A and B are alphabetical type (A to Z), X is a number type (0 to 9), always with a space between the 2 strings.)  SE: 8 |
| poBoxNumber | Optional | FR | Max allowed length:  FR: 5 |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| streetType | Mandatory/  Optional | IT, ES, RO | Mandatory for IT, ES, RO  Optional for FR  Max allowed length:  FR: 40  ES, RO: 50  IT: 30 |
| province | Mandatory | IT, ES | Max allowed length:  ES: 50  IT: 2 |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| subLocality | Mandatory/  Optional | PT, BE, IT, IE | Mandatory for PT  Optional for BE, IT, IE  Max allowed length:  IE: 21  PT: 50  BE, IT: 70 |
| block | Optional | AT | Max allowed length: 3 |
| stairs | Optional | AT | Max allowed length: 3 |
| doorNumber | Optional | AT | Max allowed length: 3 |
| room | Optional | PT | unit (apartment, suite)  Max allowed length: 10 |
| unit | Optional | PT | A "room" (CAtype 28) is the smallest identifiable subdivision of a structure.  Max allowed length: 15 |
| county | Mandatory | IE | Allowed max length: 15 |
| addressID | Optional | ES, BE, SE, IE, IT, PT, GB, FR, DE, LU, NO, RO, CZ, SK, FI, PL, CH, AT | address reference ID can be used instead of complete address  Allowed max length: 20 |
| poBoxNumber | Optional | FR | Max allowed length: 5 |
| **adminAddress (optional)- Applicable for NL only** | | | |
| houseNumber | Conditional Mandatory | NL | Conditional mandatory with buildingName for NL  NL: 1 ≤ L ≤ 5  Allowed pattern for NL: "^([1-9][0-9]{0,4})$" |
| buildingName | Conditional Mandatory | NL | Conditional mandatory with houseNumber for NL  Optional for PT, IT, CH  Max allowed length:  NL: 50  Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\* |
| streetName | Mandatory | NL | Max allowed length:  NL: 24  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| city | Mandatory | All | Max allowed length:  NL: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| postalCode | Mandatory | All | Max allowed length:  NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT) |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| addressID | Optional | NL | address reference ID can be used instead of complete address  Allowed max length: 20 |
| **productOffering** | | | |
| productName | Mandatory | All | Geographic Number Hosting |
| **directoryServicesDetails**  Mandatory for ES, NL, SE and BE  Not applicable for FR | | | |
| orderType | Mandatory | AT, DE, CH | New - Additional DSU number to be published in DSU. Cease - Existing DSU telephone number details can be ceased. Amend - Existing DSU telephone number details can be modified.  **CH, AT**  Only "New" value is applicable for Activation and Portin orders.  Only "Cease" value is applicable for Deactivation and PortOut Journeys.  All 3 New, Modify and Cease values are applicable in Modify Operation when DSU changes are required. |
| endCustomerName | Mandatory / Conditional Mandatory | DE, IT, AT | String  Max length allowed:  DE: 50  IT: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  For ‘Residential’ customer type this field is not required  AT: 250  If customer Type is Business then ‘endCustomerName/Organization Name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| businessSuffix | Optional | IE, IT, GB, AT | User should enter the Official business suffix abbreviations only or word(s) in full. For example, Ltd, Limited, Plc, Co LTD, Company Ltd, & Co etc.  Allowed max length:  GB: 50  IE: 30  IT: 100  AT: 50 (businessSuffix is now an optional field irrespective of customerType passed in the request.) |
| businessDescription | Optional | IE, IT, GB, AT | This field is used at the customer’s request, if additional words are required to describe what a business actual does, e.g. Accountants, Solicitors, etc  Allowed max length:  GB, IE: 50  AT: 80  IT: 100 |
| subHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure  Sub Headers are used to sub-divide groups into different departments or divisions etc, where there is more than one telephone number for that department or division, e.g. Accounts, Sales. Address details or telephone numbers are not included in Sub Headers.  Sub Headers appear below the main header (the business trading name), but above the relevant listings.    Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Allowed max length:  GB: 50  IE: 20 |
| subSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure.  Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Sub Sub Header must have a parent Sub Header  Allowed max length:  GB: 50  IE: 20 |
| subSubSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure. Note: Sub Sub Header must be blank if entry format is A (single) or C (single Cross Ref)  Sub Sub Sub Header must have a parent Sub Sub Header  Allowed max length:  GB: 50  IE: 20 |
| qualifier | Optional | GB | This field is used to distinguish a specific department where only one number exists for that department. This data will appear before any address data on the listing. This field is only applicable to group listing i.e. if the user enters this data then the “Listing Category” should be selected as “Group”. E.g: Sales, General Enquiries, etc.  Allowed max length:  GB: 50  IE: 30 |
| DSUAddress | Mandatory | IT, GB, BE, IE, CH, AT | Address parameters or addressID to be provided in this node  **Address parameters**  **IT**: end customer address (houseNumber, streetName, Province, city, postalCode, houseNumberExtension, streetType, subLocality) or addressID  **GB:** end customer address (houseNumber, buildingName, streetName, city, postalCode) or addressID  **B**E: end customer address (houseNumber, houseNumberExtension , streetName, city, postalCode) or addressID  IE: end customer address ( floorSuite, houseNumber, buildingName, streetName, city, postalCode, subLocality, county) or addressID  **CH**: end customer address (houseNumber, streetName, city, postalCode) or addressID  **AT:**  end customer address (houseNumber, streetName, city, postalCode, block, stairs, doorNumber) or address ID |
| DSUAddress | Mandatory | DE | Address parameters to be provided in this node  **Address parameters**  **DE**: houseNumber, streetName, city, postalCode |
| telephoneNumber | Mandatory | AT, DE, CH, IT | **IT:**  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short number range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a number range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where all the followings examples are acceptable :  - 02 328039  - 02 3280390 or 1 or ….. 9  - 02 32803900 or 01 or … 99  **CH:**  Publish only 1 CLI number for the DSU without short number logic. DSU Telephone number should be validated with number range selected in the order. include for each number range selected in UI needs to populate individual DSU Telephone number.  Allowed max length:  IT: 13  DE, IE: 14  CH: 12  AT: 20 |
| isFaxNumber | Optional | AT | Is the DSU Telephone number a Fax number    Boolean  Allowed values:   * true * false |
| entryType | Mandatory | GB | Allowed values:   * **DE**: Directory Entry –will feed to all directory services including the local BT Phone Book if it is a Main DQ listing. Only business listings are passed to classified services. * **DQR**: Directory Enquiry Record – listing will be available to Voice 118 services and Tele-Appenders only. Business listings only are also passed to Classified products. * **XD/NC**: Ex-Directory No Calls – listing will feed to Voice 118 services but the telephone number is withheld. |
| listingCategory | Mandatory | GB, IE | Allowed values:   * Single * Group |
| typeFace | Mandatory | GB | Allowed values:   * Ordinary * Bold * Superbold |
| priority | Mandatory | GB | Allowed values:   * A * S * Z   A to list first S to list alphabetically Z to list last If Listing Category is Group then A,S or Z values are applicable. If Listing Category is Single then only S value is applicable.  The values defined for "Priority" are conditional upon the selection of "Listing Category" Field values. |
| listingType | Mandatory | GB | Allowed values:   * DQMain |
| additionalIinstructions | Optional | AT, DE, IT, IE | Additional Address (ULTERIORE INDIRIZZO)  It can be used for Web Site or Branch address (More than 1 address)  Allowed length:  IT: 200  DE, IE: 250  AT: 500 |
| companyRegistrationNumber | Mandatory / Conditional Mandatory | IT, AT | Allowed length:  IT= 11 (if customerType is Business)  AT: 11 (Mandatory if customerType is Business) |
| companyEmailAddress | Optional | IT, CH | Email address |
| listingLanguage | Mandatory | BE | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **NL**: Dutch * **FR**: French * **DE**: German   The value must correspond to the language used for fields Street name and locality name. |
| listingLanguage | Mandatory | CH | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **E**: English * **F**: French * **D**: German * **I**: Italian |
| usageType | Optional | PT | Allowed values:   * ‘1-Telephone’ * ‘2-SemiAutomaticFax’ * ‘3-AutomaticFax’ |
| searchOnTelephoneOnly | Mandatory | IT | Allowed values:   * ‘Yes’ = visible in derived / market research * ‘No’ = not visible in derived / market research (Default) |
| allowAdvertisingEmails | Mandatory | IT | Allowed values:   * ‘Yes’ = agree to receive advertising emails * ‘No’ = do not agree to receive advertising emails (Default) |
| allowAdvertisingCalls | Mandatory | IT, CH | Mandatory for IT, CH  Allowed values:   * ‘Yes’ = agree to receive advertising calls * ‘No’ = do not agree to receive advertising calls (Default) |
| basicDirectoryEntry | Mandatory | ES | Confirms consent or not to the appearance of user data in guides / consultation services.  Allowed values:   * ‘N’ = (No), data will not appear in query * ‘Y’ = (Yes), data will appear in query |
| directSalesMarketingEntry | Mandatory | ES | Confirms consent or not to data being published in guides / services used for commercial or advertising purposes.  Allowed values:   * ‘N’ = (No), do not allow the use of data for commercial & advertising purposes, * ‘Y’ = (Yes) , allow the use of data for commercial & advertising purposes. |
| secretListing | Mandatory | SE | Confirms consent or not to data being published in guides / services used for public or secret listing purposes.  Allowed values:   * ‘N’ = Allows use of data for public listing * ‘Y’ = Allows use of data for secret listing |
| directoryListingOptions | Mandatory | BE | Allowed values:   * No consent * Full Address consent, no Reverse * Partial Address consent, no Reverse * Full Address consent, with Reverse * Partial Address consent, with Reverse |
| directoryListingOptions | Mandatory | IE | Allowed values:   * Listed * Unlisted * ExDirectory |
| confidentialityFlag | Mandatory | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityOtherFlag | Optional | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityReverseSearch | Mandatory | PT | Allowed values:   * ‘n-not\_opposed\_reversesearch’ = available in reverse search (not confidential) * ‘s-opposed\_reversesearch’ = not available in reverse search (confidential) (Default) |
| advertisementFlag | Mandatory | IT | Allowed values:  ‘0-No’ = do not agree to receive advertisements on other channels (Default) |
| subscriptionCategoryIndex | Optional | IT | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration)  Allowed values:   * ‘00-PrivateCustomerCategory’ * ‘01-CompanyCustomerCategory’ (Default) * ‘02-SemiPublicCustomerCategory’ * ‘03-PublicCustomerCategory’ |
| electronicDirectory | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Electronic Directory Services  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Allowed values are: • **Yes** = visible in Electronic Directories listing • **No** = not visible in Electronic Directories listing |
| subscriberInformationServices | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Directory Enquiry Services  Mandatory for the non Portin orders and if a Port-In order has keepCurrentSettings = No Permitted Values: • Yes = visible in information services listing • No = not visible in information services listing |
| numberMasking | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customer's request to mask their number in the invoices  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Values are: • **Yes** = CLI is to be masked in the invoices • **No** = CLI can be visible in the invoices |
| keepCurrentSettings | * Mandatory for Port-In * NA for activation and address update | NL | Will be used in Port-In order to specify that if customer wishes to retain the existing DS as provided to the Regulator by the current Operator.  keepCurrentSettings field is only applicable in PortIn orders and not be visible in non-portin order.  If the value of keepCurrentSettings is “Yes” in a Port-In order, then ignore sending the values of informationServices, numberMasking, electronicDirectory to Colt. If the value of keepCurrentSettings is “No” in a Port-In order, then mandatorily send the values of informationServices, numberMasking, and electronicDirectory to Colt. |
| oldTelephoneNumber | Optional | IT, CH | **IT:**  Used if DSU telephone number needs to be changed from one number to another without changing the other DSU details.  Only used when OrderType(DSU) is Amend.  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short numbering range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a numbering range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where are acceptable all the followings examples :  - 02 328039  - 02 3280390 or 1 or ….. 9  - 02 32803900 or 01 or … 99  **CH:**  Only used when OrderType(DSU) is AMEND.  Used if DSU telephone number to be changed from one number to another with or without changing the other DSU details. Publish only 1 CLI number for the DSU without short number logic.  Allowed max length:  IT: 13  CH: 12 |
| customerType | Mandatory | IT, AT | Allowed values:  IT:   * Business * Residential   AT:   * Business * Residential * Mixed |
| firstName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| lastName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| fiscalCode | Conditional Mandatory | IT | If customer Type is ‘Residential’ then this field is mandatory for IT  fixed allowed length: 16 |
| importAndCease | Mandatory | IT | NA |
| amalgamateWithVAT | Mandatory | IT | Amalgamate numbers with VAT/tax code  Allowed values are in bold:   * **Yes** = Grouping * **No** = No grouping |
| directMarketingPreference | Optional | IE | Allowed values:   * Y * N |
| **order** | | | |
| notes | Optional | All | Maximum Allowed Length:  NL: 100  Other: 2048 |
| newActivation | Optional | NL | Allowed value: Yes, No  Applicable for NL 088 number activation only |
| **groupedClisRangeSpecList** (Optional node)  (for NL only) | | | |
| parentCliRange  startFullNumber  endFullNumber | Mandatory | NL | E164NumberType  string maxLength: 20 example: +31XXXXXXXXXX |
| parentCliRange  startFullNumber  endFullNumber | Optional | CH | Conditional Mandatory with order level startFullNumber and endFullNumber with multiple number ranges or multiple individual CLI's are provided if operation type is Activation and Portin Activation. Otherwise it is optional  E164NumberType  string maxLength: 20 example: +41XXXXXXXXXX |
| childCliRangeSpecs | | | |
| cliRange  startFullNumber  endFullNumber | Mandatory | NL | E164NumberTypestring maxLength: 20 example: +31XXXXXXXXXX |
| directoryServicesDetailsType | Optional | NL | CLI level DS details can be provided |
| endCustomerDetails  emergencyAddress | Optional | NL | CLI level emergency address can be provided |

**\*\* Optional Field in porting flow (NL)**

In line with Regulation, a new optional field ‘Contract’ is being introduced in the NL porting process.

A subscriber will be able to keep his number based on the following process variants:

|  |  |  |
| --- | --- | --- |
|  | Process variant | New Contract field in port request  in new version REST API |
| 1 | Standard porting and switching situation (per contract end date) | NA |
| 2 | Porting and transition situation with premature / early termination agreement | ‘Early Termination’, which indicates the subscriber requests premature/early contract termination. |
| 3 | Keeping the subscriber’s number after the date of the termination agreement | NA |
| 4 | Number porting without a termination agreement | 'Continuation', which indicates that the subscriber requests number porting without terminating his agreement. |

Process variant 1 is the standard porting process in a transfer situation. The contract field is not included in the port request.

Process variant 3 is an exception process, where the agreement has already been given notice or is terminated. For example this caters for number retention requests (porting requests) where the subscriber has terminated his agreement but decides he wants to retain his number after all. The contract field is not included in the port request.

Process variants 2 and 4 are exception processes. In the port request, the contract field is included with standardized values that indicate the requirement of the subscriber with regard to his agreement(s) with the transferring provider.

Values allowed in the ‘Contract’ field:

* Early Termination
* Continuation

If this field is not sent as part of the port-in request then the system will show the value as ‘Not Applicable’. This means that the port request will be treated as a ‘Regular Port’.

**Port-Out**

* This field will be displayed for all applicable port-out order statuses in the relevant screens.
* the FPD date can be set to any date within 120 **calendar days**
* If the ‘Contract’ value is “Early Termination”, these rules are applicable for the First Possible Date for porting (FPD)
  + then the FPD cannot be less than 3 working days from the current date and the only possible date will be day 4.
  + If you have not responded to the port request within 48 hours, the port-out request will automatically be accepted by the system (as is the case today)
  + When the port-out request is automatically accepted, the system will not select the FPD within the first 3 working days (this is calculated from the time of automatic acceptance).
  + Existing rules for weekends and public holidays will be taken into consideration whilst calculating the working days (as is the case today)

**Allowed Maximum ranges per order**

Please find below the maximum ranges(s) per order:

|  |  |
| --- | --- |
| Country | Description |
| **AT & IT** | 1 |
| **BE** | Maximum of 25 number ranges and single CLI combination |
| **CH** | Maximum 20 number ranges or CLIs with the same LAC, or Maximum 10 different single CLIs with different LACs |
| **DE** | 1 range or maximum of 10 single numbers |
| **DK** | Same LAC for a single port-in request (maximum 20 ranges per request) |
| **IE** | Maximum 50 single CLIs, or maximum of 20 for a combination of single CLI and range |
| **NL** | 250 |
| **Others** | 20 |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * portInNumberDetails can be repeated more than one time in some countries, meaning you can add more than 1 range per request. Please refer to the below table for the maximum ranges per request. * Customer will be charged automatically (NRC) for OOH porting window, at the time of porting activation. Charging will be done only when Port\_In Order is in ‘Completed’ status. Same charges will also apply in case of a migration order. * In Portugal, all orders must include Tri-Party Agreement, available upon request to Colt. Tri-Party Agreement shall be sent to Colt Porting Desk Portugal via email, with the corresponding order ID. Order without Tri-Party Agreement will be rejected. * Number validation will happen for Port-In requests to restrict numbers which are not allowed for Wholesale SIP (Number Hosting) to avoid Port-In rejections from Colt Porting Desk, e.g. port-in orders for freephone / tollfree numbers will get a validation error   APIs will throw the validation error upfront if the number is not allowed for Port-In and will not allow request submission. |

### Response schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apigw-uat.colt.net/numberCollection/v1/numberCollectionOperation* |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIG  WTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |

### Sample Requests and Responses

|  |  |
| --- | --- |
| Request (GB) | Response (GB) |
| {      "cliList": [          {              "startFullNumber": "+441145661000",              "endFullNumber": "+441145661000"          },          {              "startFullNumber": "+441145661001",              "endFullNumber": "+441145661009"          }      ],      "portDetails": {          "portInDate": "2022-11-29",          "portInWindow": "0900-1100",          "portingContact": {              "firstName": "my",              "lastName": "Customer",              "phoneNumber": "+46111112048",              "email": "MyCustomer@abc.com"          },          "currentOperator": "COLT",          "mainBillingNumber": "+441145661009",          "portAttachment": {              "letterOfAuthorityFileName": "form.docx",              "letterOfAuthorityFileContent": "UEsDBBQAB",              "invoiceDocumentFileName": "form.docx",              "invoicedocumentFileContent": "UEsDBBQA",              "supplementaryDocumentFileName": "form.docx",              "supplementaryFileContent": "UEsDBBQAB"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          },          "endCustomerDetails": {              "endCustomerName": "My Customer",              "endCustomerAddress": {                  "houseNumber": "20",                  "streetName": "GREAT EASTERN STREET",                  "city": "LONDON",                  "postalCode": "EC2A 3EH"              }          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "d5b675cf-536f-4db3-86f7-98d8c91c6770",          "href": "https://apimgb01.colt.net:8443/numberManagement/v2/numberCollectionPortIn"      }  } |

|  |  |  |
| --- | --- | --- |
| Request (FR) | Response (FR) | |
| {      "cliList": [          {              "startFullNumber": "+33998980020",              "endFullNumber": "+33998980020"          },          {              "startFullNumber": "+33298082040",              "endFullNumber": "+33298082040"          },          {              "startFullNumber": "+33298082038",              "endFullNumber": "+33298082039"          }      ],      "portDetails": {          "portInDate": "2022-11-29",          "portInWindow": "0900-1200",          "portingContact": {              "firstName": "my",              "lastName": "Customer",              "phoneNumber": "+46111112048",              "email": "MyCustomer@abc.com"          },          "currentOperator": "COLT",          "mainBillingNumber": "+33998980020",          "portAttachment": {              "letterOfAuthorityFileName": "form.docx",              "letterOfAuthorityFileContent": "UEsDBBQAB",              "invoiceDocumentFileName": "form.docx",              "invoicedocumentFileContent": "UEsDBBQA",              "supplementaryDocumentFileName": "form.docx",              "supplementaryFileContent": "UEsDBBQAB"          },          "portingPrefix": "10001"      },      "relatedParty": {          "reseller": {              "serviceProfile": "BOD"          },          "endCustomerDetails": {              "endCustomerName": "My Customer",              "endCustomerAddress": {                  "houseNumber": "23",                  "streetName": "PIERRE VALETTE",  "streetType": "RUE ",                  "city": "MALAKOFF",                  "postalCode": "92240"              },              "companyRegistrationNumber": "12312322252145"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | | {      "order": {          "id": "28ec2840-c8ba-48e6-84c8-ec16165634e1",          "href": "<http://wmisb251.internal.colt.net/numberManagement/v2/numberCollectionPortIn>"      }  } |

## Port-In Updates

You can update port-in order using below API(s):

|  |  |  |
| --- | --- | --- |
| API | Update Type | Country |
| **updatePortIn** | Port Date Change Request | All except NL & IT |
| **cancelPortIn** | Cancellation Request | All except NL |
| **orderDataUpdateRequest** | Cancellation Request | NL |
| Schedule Port | NL |
| Initiate Port | NL |
| Send Quick Notes | All except NL |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * For updates, Colt API will return a new orderID, named ‘Child Order ID’. * Please track child orderID to get status of the update (mainly for cancellation & date change) and please continue to track parent ID to get order status. * Updates are available in GET/order{orderID} API. |

### Description

The POST/numberCollectionPortOrderUpdate API allows you to perform above updates on a port-in request.

### Request Body Schema

portUpdateNumberCollection**{**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cliList | [ *maxItems: 250*  portUpdateCliDetailsType{   |  |  | | --- | --- | | description: | NOTE: portDate & note are applicable only for NL | | cli | E164NumberType  string *maxLength: 20 example: +442081324758* | | startFullNumber | E164NumberType  string *maxLength: 20 example: +442081324758* | | endFullNumber | E164NumberType  string *maxLength: 20 example: +442081324758* | | singleLine | singleLineType  string  Enum:[ S ] | | multiLine | multiLineType  string  Enum:[ M ] | | portDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | blockingCode | String | | note | string |   }] |
| portDetails | portUpdatePortDetailsType{   |  |  | | --- | --- | | portInDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | portInWindow | portingWindowType  string  Enum:Array [ 60 ] | | portingContact | portingContactType{...} | | currentOperator | nameType  string *maxLength: 60* | | mainBillingNumber | E164NumberType  string *maxLength: 20 example: +442081324758* | | portAttachment | portAttachmentType{   |  |  | | --- | --- | | letterOfAuthorityFileName | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* | | letterOfAuthorityFileContent | attachment5MType  string($base64) *maxLength: 5242880*  5MB | | invoiceDocumentFileName | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* | | invoicedocumentFileContent | attachment5MType  string($base64) *maxLength: 5242880*  5MB | | supplementaryDocumentFileName | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* | | supplementaryFileContent | attachment5MType  string($base64) *maxLength: 5242880*  5MB |   } | | automatedPP | string | | OOHFlag | string |   } |
| relatedParty\* | portUpdateRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  service profile associated with customer request |   } | |  |  |   } |
| productOffering | productOfferingType{   |  |  | | --- | --- | | name | String  Enum: [ Geographic Number Hosting ] |   } |
| order\* | portUpdateOrderType{   |  |  | | --- | --- | | portUpdateType\* | allowedPortUpdateType  string  Enum: [ Status, Update Port Date, Cancel ] | | portAction | allowedPortActionType  string  Enum: [ Activate Port-In, Schedule porting, Modify Port, QuickNote, Cancel ] | | notes | notesFormat  string *minLength: 0 maxLength: 2048* | | parentOrder\* | parentOrderType{   |  |  | | --- | --- | | id\* | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* | |  |  |   } |   } |

**}**

### Response schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apigw-uat.colt.net/numberCollection/v1/numberCollectionOperation* |   } |

}

**Headers**

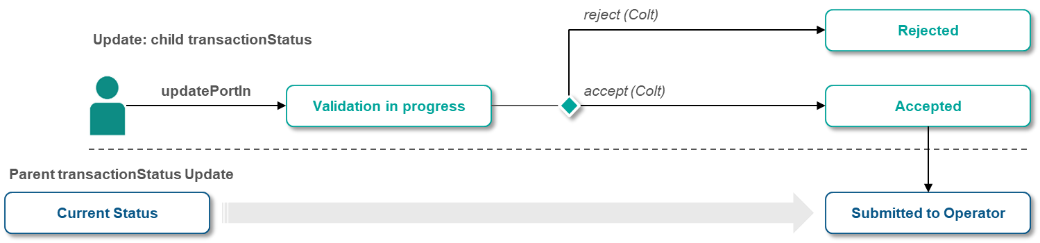
|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |

### Port-In Date Change in all countries except NL & IT

#### Description

The PortOrderUpdate API allows you to request for porting date.

Below image provides you high level flow:



* A child **orderID** will be generated, with orderStatus = Validation In Progress.
* Parent orderID will remain in the same status until update completion.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **Request accepted by Colt** | Accepted | Submitted to operator |
| **Request rejected by Colt** | Rejected | No status change |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Request can only be performed when orderStatus = ‘Validation in progress’, ‘Firm order commitment’ & ‘Customer feedback awaited’. * Please note that when orderStatus = ‘Firm order commitment’, a date change can only be requested at the latest 2 working days before the agreed port date in all Zone A countries (except FR), 3 working days in Finland, 4 working days in France & other Zone B countries. |

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portDetails** | | | |
| portingDate | Mandatory | All except NL and IT | All except NL  dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format  The date you would like to port the number. Please note that minimum lead-time applies between the date of the request and the date entered. Please refer to Service Matrix for more information. |
| portingWindow | Mandatory | All except NL and IT | All except NL  portingWindowType  string  The time you would like to port the number. Please note that windows are country specific. Please refer to Service Matrix for more information.  Format: HHMM-HHMM |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | All except NL and IT | nameType  string *maxLength: 60* |
| lastName | Mandatory | All except NL and IT | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | All except NL and IT | emailFormat  string |
| fax | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | All except NL and IT | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | All except NL and IT | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | All except NL and IT | Value = Update Port Date |
| parentOrderID | Mandatory | All except NL and IT | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {          "portInDate": "2022-06-24",           "portInWindow": "1100-1300",          "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Update Port Date",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Modify Port in all countries except NL

#### Description

The PortOrderUpdate API allows you to modify your port when the order moves to the ‘Customer feedback awaited’ status. This includes, modify porting date/window, current operator details, CLI list, main billing number, add new attachments and notes.

* A child **orderID** will be generated, with orderStatus = In Progress.
* **Parent orderID** will remain in the same status until update completion. Post completion of child order, parent order will move to Validation in progress status.

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **cliList (allowed ranges per order described in another table in this section)** | | | |
| cli | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| endFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| singleLine | Optional | All except NL, DE | *singleLineType*  *string*  *Enum:[ S ]* |
| multiLine | Optional | All except NL, DE | *multiLineType*  *string*  *Enum:[ M ]* |
| **portDetails** | | | |
| portingDate | Mandatory | All except NL | All except NL  dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format  The date you would like to port the number. Please note that minimum lead-time applies between the date of the request and the date entered. Please refer to Service Matrix for more information. |
| portingWindow | Mandatory | All except NL | All except NL  portingWindowType  string  The time you would like to port the number. Please note that windows are country specific. Please refer to Service Matrix for more information.  Format: HHMM-HHMM |
| currentOperator | Optional | All except NL | nameType  string *maxLength: 60*  *DE- format accepted: DXXX where X=0...9*  *UK- refer to* **APPENDIX D: UK Operator list** |
| mainBillingNumber | Optional | All except NL, DE and Zone B countries | E164NumberTypestring *maxLength: 20 example: +442081324758* |
| **portAttachment (Optional node)** | | | |
| letterOfAuthorityFileName | Optional | All except NL | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| letterOfAuthorityFileContent | Optional | All except NL | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| invoiceDocumentFileName | Optional | All except NL | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| invoicedocumentFileContent | Optional | All except NL | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| supplementaryDocumentFileName | Optional | All except NL | documentNameType  string *pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$))* |
| supplementaryFileContent | Optional | All except NL | attachment5MType  string($base64) *maxLength: 5242880*  5MB |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | All except NL | nameType  string *maxLength: 60* |
| lastName | Mandatory | All except NL | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | All except NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | All except NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | All except NL | emailFormat  string |
| fax | Optional | All except NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | All except NL | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | All except NL | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | All except NL | Value = Status |
| portAction | Mandatory | All except NL | Value= Modify Port |
| notes | Optional | All except NL | Maximum Allowed Length:  Other: 2048 |
| parentOrderID | Mandatory | All except NL | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

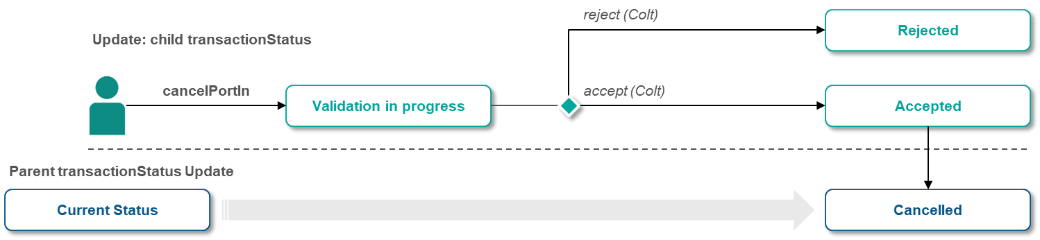
|  |  |
| --- | --- |
| Request | Response |
| {      "cliList": [  {  "startFullNumber": "+442081324758",  "endFullNumber": "+442081324758",  "singleLine": "S"  },  {  "startFullNumber": "+442081324758",  "endFullNumber": "+442081324758",  "multiLine": "M"  }  ],  "portDetails": {           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          },  "currentOperator": "BT - 001",  "mainBillingNumber": "+442081324758",  "portAttachment": {  "letterOfAuthorityFileName": "form.docx",  "letterOfAuthorityFileContent": "ABCDDD",  "invoiceDocumentFileName": "invoice.docx",  "invoicedocumentFileContent": "ABCDDD",  "supplementaryDocumentFileName": "otherDoc.pdf",  "supplementaryFileContent": "ABCDDD"  }  },  "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Status",  "portAction": "Modify Port",  "notes": "customer modifying port",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Cancellation in all countries except NL

#### Description

The PortOrderUpdate API allows you to request cancellation of your order. Cancellation has to be approved by Colt Porting Desk.

Below image provides you high level flow:



**Output/Response**

* A child **orderID** will be generated, with orderStatus = Validation In Progress.
* Parent orderID will remain in the same status until update completion.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **Request accepted by Colt** | Accepted | Cancelled |
| **Request rejected by Colt** | Rejected | No status change |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Request can only be performed when orderStatus = ‘Validation in progress’, ‘Submitted to operator’, ‘Firm order commitment’ & ‘Customer feedback awaited’. * Please note that when orderStatus = ‘Firm order commitment’, cancellation can only be requested at the latest 4 working days before the agreed port date in Norway, Czech Republic, Poland, Romania and Slovakia, 3 working days before the agreed port date in Luxembourg, Finland and 2 working days before the agreed port date in the Zone A countries. |

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | All except NL and IT | nameType  string *maxLength: 60* |
| lastName | Mandatory | All except NL and IT | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | All except NL and IT | emailFormat  string |
| fax | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | All except NL and IT | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | All except NL and IT | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | All except NL and IT | Value = Status |
| portAction | Mandatory | All except NL | Value= Cancel |
| notes | Optional | All except NL | Maximum Allowed Length:  Other: 2048 |
| parentOrderID | Mandatory | All except NL and IT | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Status",  "portAction": "Cancel",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Cancellation in NL

#### Description

The PortOrderUpdate API allows you to request cancellation of your order. No approval by Colt Porting Desk is required.

orderStatus update

Below image provides you high level flow:



#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | NL | nameType  string *maxLength: 60* |
| lastName | Mandatory | NL | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | NL | emailFormat  string |
| fax | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | NL | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | NL | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | NL | Value = Cancel |
| notes | Mandatory | NL | Maximum Allowed Length: 100 |
| parentOrderID | Mandatory | NL | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

**Output/Response**

A child **orderID** will be generated, with orderStatus = ‘In progress’.

Parent orderID will remain in the same status.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **Cancel** | Completed | Cancelled |

No further action allowed.

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "0552001234",              "mobileNumber": "0552001234",              "email": "abc@colt.net"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "A9V"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Cancel",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Schedule Port in NL

#### Description

The PortOrderUpdate API allows you to schedule/reschedule your port, when orderStatus = ‘Firm order commitment’ or ‘Ready for porting initiation’.

Please note that scheduling Out of Office Hours (Tuesday after 5pm) requires Colt Porting Desk confirmation.

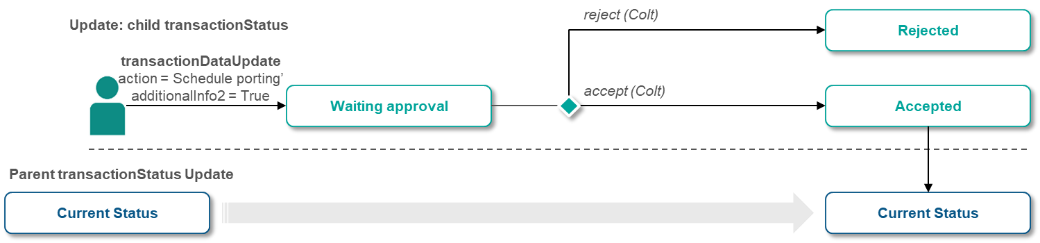
orderStatus update for scheduling in Office Hours

Below image provides you high level flow:



orderStatus update for scheduling in Out of Office Hours

Below image provides you high level flow:



**Output/Response**

A child **orderID** will be generated, with orderStatus = ‘In progress’ or ‘Waiting approval’

Parent orderID will remain in the same status.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **No OOH request** | Completed | No status change |
| **OOH request accepted by Colt** | Accepted | No status change |
| **OOH request rejected by Colt** | Rejected | No status change |

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portDetails** | | | |
| portingDate | Mandatory | NL | dateFormat *example: 2019-05-17*  date time in ISO 8601 format  The date you would like to port the number. |
| portingWindow | Mandatory | NL | portingWindowType  string  The time you would like to port the number. Please refer to Service Matrix for allowed values for NL.  Format: HHMM-HHMM |
| automatedPP | Optional | NL | Value: True  If True, then Colt will automatically pick the order on the day of porting during the selected porting window to process the port-in activation without any manual trigger from you |
| OOHFlag | Optional | NL | Value: True  If user selects any out of office porting window (Tuesday) then this flag needs to be sent in the request. |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | NL | nameType  string *maxLength: 60* |
| lastName | Mandatory | NL | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | NL | emailFormat  string |
| fax | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | NL | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | NL | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | NL | Value = Status |
| portAction | Mandatory | NL | Value = Schedule porting |
| parentOrderID | Mandatory | NL | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {          "portInDate": "2022-06-24",           "portInWindow": "1700-1800",           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          },  "automatedPP": "True",         "OOHFlag": "True"      },      "relatedParty": {          "reseller": {              "serviceProfile": "A9V"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Status",  "portAction": "Schedule porting",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Activate Port in NL

#### Description

The PortOrderUpdate API allows you to activate your number during business hours, when order Status = ‘Ready for porting initiation’.

orderStatus update

Below image provides you high level flow:



**Output/Response**

A child **orderID** will be generated, with orderStatus = ‘In progress’.

Parent orderID will remain ‘Ready for porting initiation’.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **Activate Port-In** | Completed | Completed |

No further action allowed.

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | NL | nameType  string *maxLength: 60* |
| lastName | Mandatory | NL | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | NL | emailFormat  string |
| fax | Optional | NL | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | NL | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | NL | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | NL | Value = Status |
| portAction | Mandatory | NL | Value = Activate Port-In |
| parentOrderID | Mandatory | NL | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "A9V"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "Status",  "portAction": "Activate Port-In",          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

### Send Notes in All Countries Except NL

#### Description

The PortOrderUpdate API allows you to send notes (text only) to Colt Porting Desk.

Quick Note can be sent when parent portIn orderID is in any of the following status:

Validation In Progress, Submitted to operator, Firm order commitment, Porting initiated, Customer Feedback Awaited and Confirmed (Port-Out order)

**Output/Response**

A child **orderID** will be generated, with orderStatus = ‘In progress’.

Parent orderID will remain in the same status.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| Action | Child orderStatus Update | Parent orderStatus Update |
| **QuickNote** | Completed | No status change |

#### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | All except NL and IT | nameType  string *maxLength: 60* |
| lastName | Mandatory | All except NL and IT | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | All except NL and IT | emailFormat  string |
| fax | Optional | All except NL and IT | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | All except NL and IT | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | All except NL and IT | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | All except NL and IT | Value = Status |
| portAction | Mandatory | All except NL | Value= QuickNote |
| notes | Optional | All except NL | Maximum Allowed Length:  Other: 2048 |
| parentOrderID | Mandatory | All except NL and IT | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

#### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {      "portDetails": {           "portingContact": {              "firstName": "My",              "lastName": "Customer",              "phoneNumber": "+442081231234",              "mobileNumber": "02081231234",              "email": "abc@colt.net"          }      },      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "order": {          "portUpdateType": "QuickNote",  “notes”: “Customer sending notes to Colt porting Desk”,          "parentOrder": {              "id": "07c44a6b-efb0-4144-8352-b3f31ce95b55"          }      }  } | {      "order": {          "id": "cf2334f2-3caa-4adf-a531-0f511f70ad9e",          "href": "https://apimgd01.colt.net:8443/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

## On the Porting Date

On the agreed date and time of the port-in, below steps will be followed to port and activate numbers:

|  |  |
| --- | --- |
| Country | Steps |
| **Netherlands** | 1. Colt will automatically initiate activation as soon as Customer initiates the Port. No call from customer is required. 2. Colt will automatically contact the losing operator and get the numbers ported-in to Colt & then configure the numbers to customer service. 3. When the Port-In is completed, orderStatus will be automatically changed to Completed. An automated notification will be sent to the customer. |
| **Other Countries** | 1. Colt Porting Desk will initiate activation on agreed schedule date and window. No call from customer is required. 2. order status will be changed to Porting Initiated. An automated update will be sent to the customer. 3. Colt Porting Desk will contact the losing operator and get the numbers ported-in to Colt & then configure the numbers to customer service. 4. When the Port-In is completed, and test calls successful, orderStatus will be changed to Completed. 5. An automated update will be sent to the customer. |

Following successful completion of the porting, Parent Order ID status will be updated to Completed.

If the porting fails for any reason, Parent Order ID status will be updated to Porting Failed. A new order will be required.

## Porting Documentation & More!

Porting documentation, including detailed overview of rules and standards, porting agreement, contacts and more is available [here](https://www.colt.net/porting-information/).

Please note that in the UK, Colt does not have agreement with all operators. As a result, porting can be delayed, with extra cost or be rejected.

# **Get Number History**

## Get history/ TN History

### Description

*GET/CLIOrderHistory* API returns the order history associated with the CLI/range provided in the request

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| serviceProfile | Mandatory | Service profile associated with number |
| cli | Optional | This field can be used if search is required for a single CLI.  E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |

### Response Schema

CLIOrderHistoryList[

CLIOrderHistory{

|  |  |
| --- | --- |
| id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* |
| href | String |
| type | allowedOrderType  string  Enum: [ Number Reservation, Number Reservation Cancellation, Number Activation, Number Deactivation, Number Reactivation, New Port In, Cancel Port In, Update Port In Date, Reactivate Port In, Port Out, Port Transaction Update, Update End Customer Detail, Update Directory Services, Update Port Out, Cancel Port Out, Free Number Backfill, Cancel Free Number Backfill, Port In Deactivation ] |
| status | allowedOrderStatus  string  Enum: [ In Progress, Completed, Failed, Delayed, Cancelled, Port Not Initiated, Confirmed, Rejected, Port Date Change, Customer Feedback Awaited, Failed with Error, Initiate Port In, In-progress, Submitted to operator, Firm order commitment, Updated, Porting initiated, Activation delayed, Porting failed, Validation In Progress, Awaiting Approval, Porting Completion Delayed ] |
| statusDescription | String |
| errorDescription | String |
| date | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| userName | userNameType  string |
|  |  |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Sample response

|  |
| --- |
| https://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory?startFullNumber=+441434008901&endFullNumber=+441434008901&serviceProfile=ANH |
| {      "response": [          {              "id": "4f1044be-4777-4a72-957b-92b4f422ca3e",              "href": "http://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Update End Customer Detail",              "status": "Completed",              "date": "2023-07-11T14:09:12.929+01:00",              "lastModifiedDate": "2023-07-11T14:09:26.075+01:00",              "userName": "ColtUser"          },          {              "id": "86cb9251-10f0-460a-b607-2e97bfd40744",              "href": "http://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Number Activation",              "status": "Completed",              "date": "2023-07-10T14:24:10.296+01:00",              "lastModifiedDate": "2023-07-10T14:30:06.287+01:00",              "userName": "ColtUser"          },          {              "id": "b3164fba-d2ce-4bde-adf2-0b5b340b94e0",              "href": "http://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Number Activation",              "status": "Failed with Error",              "date": "2023-06-22T13:39:19.544+01:00",              "lastModifiedDate": "2023-06-22T13:39:25.654+01:00",              "userName": "ColtUser"          }      ]  } |

# **Get Number Detail**

## Get Number/CLI details

### Description

GET/CLIDetails API returns the end customer assignment status and address associated with the number(s). this API will show the details for activated and Port-In activated numbers.

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **cli** | Conditional Mandatory | To perform single number search  Either cli or startFullNumber+ endFullNumber to be provided in the request |
| **startFullNumber** | Conditional Mandatory | Start range you like to perform the search  Either cli or startFullNumber+ endFullNumber to be provided in the request |
| **endFullNumber** | Conditional Mandatory | End range you like to perform the search  Either cli or startFullNumber+ endFullNumber to be provided in the request |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Only available for the following number status: Activated, PortIn\_Activated, Quarantined & PortIn\_Quarantined. |

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | Service profile associated with number |
| startFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| cli | Optional | This field can be used if search is required for a single CLI.  E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |

*Please note this API is now available for Germany.*

### Response Schema

numberCollectionDetailList

[detailNumberCollectionType

**{**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cliList | [preciseCliDetailsType{   |  |  | | --- | --- | | cli | E164NumberType  string *example: +442081324758* | | OKUCode | OKUCodeType  string | | RIOCode | string | |  |  |   }] |
| resourceStatus | numberStatusType  string  Enum: Allocated, Activated, PortIn\_Allocated, PortIn\_Activated, PortOut, Returned, Quarantined, PortIn\_Quarantined, Transferred, Port Out In Progress, Transfer In Progress, Return In Progress |
| relatedParty | numberDetailRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | subReseller | subResellerType{   |  |  | | --- | --- | | id | subResellerIDType  string |   } | | endCustomerDetails | numberDetailEndCustomerDetailsType{   |  |  | | --- | --- | | status | string  (ACTIVE, INACTIVE) | | endCustomerName | customerNameType  string | | customerType | customerTypeSchema  string  Enum: Business, Residential | | firstName | nameType  string | | lastName | customerNameType  string | | registeredName | registeredNameType  string | | endCustomerDateOfBirth | string | | endCustomerLanguage | endCustomerLanguageType  string  Enum: NL, FR, DE, EN | | endCustomerAddress | addressSchema | | companyRegistrationNumber | String | | customerReference | customerRefType  string | | serviceType | string | | coltCVP | string | | providedCVP | string |   } |   } |
| isCustomerOwned | string |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Resource Status vs end Customer Status and Address Update Action

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Country | Number Status | API response | Resource Status | End Customer ‘status’ | Address Update Action: ADD, MODIFY |
| *DE* | *Any* | "code": "WM\_01",  "reason": "Error: Get number details feature is not applicable for Germany. at path: numberCollectionDetailsReq\n",  "message": "Your order is not submitted because of a technical failure. Please contact ResellerSupport.Voice@colt.net",  "status": "400-24" | *NA* | *NA* | *NA* |
| All except DE | Free, Reserved, Allocated, Port In Reserved, Port In Allocated | "code": "01",  "reason": "Action Performed Successfully with 0 Records Count",  "message": "No record found in inventory. Please check and resubmit the request.",  "status": "400-38" | NA | NA | NA |
| All except DE | Activated, Port In Activated | 200 OK | Activated, Port In Activated | ACTIVE | Address Update: MODIFY |
| All except DE | Activated | 200 OK | Activated | INACTIVE | Address Update:  ADD |
| All except DE | Port Out In Progress  Transfer In Progress  Return In Progress | 200 OK | Port Out In Progress  Transfer In Progress  Return In Progress | ACTIVE | NA |
| All except DE | Port Out  Quarantined  Returned  Transferred  Port In Quarantined | 200 OK | PortOut  Quarantined  Returned  Transferred  PortIn\_Quarantined | INACTIVE | NA |

### Sample response

|  |
| --- |
| Search by startFullNumber and endFullNumber  *https://apimgd01.colt.net/numberManagement/v2/CLIDetails?relatedParty.reseller.serviceProfile=ANH&startFullNumber=+441132306900&endFullNumber=+441132306902* |
| {      "numberCollectionDetailsRes": [          {              "cliList": [                  {                      "cli": "+441132306900"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          },          {              "cliList": [                  {                      "cli": "+441132306901"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          },          {              "cliList": [                  {                      "cli": "+441132306902"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          }      ]  } |

|  |
| --- |
| Search by CLI  *https://apimgd01.colt.net/numberManagement/v2/CLIDetails?relatedParty.reseller.serviceProfile=ANH&cli=+442073903915* |
| {      "numberCollectionDetailsRes": [          {              "cliList": [                  {                      "cli": "+442073903915"                  }              ],              "resourceStatus": "Activated",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "My Customer",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          }      ]  } |

# **Update Emergency Address and Phonebook Publication**

## Description

POST/numberCollectionUpdateCustomerDetailsallows you to update an emergency address. Update is available only if cliStatus = ‘Activated’ or ‘PortIn\_Activated’.

### ADD & MODIFY using address update APIs (NL)

Below are for the Netherlands only:-

* End Customer Details and the Directory Services entry are Mandatory for **Activation, Portin** and **Address update (ADD)** scenarios.
  + As the Emergency address is optional, then the end customer details will be populated in the emergency database (if the emergency address is not provided)
  + If the Emergency address is provided, then no LAC validation will be done on the emergency address and it will be populated in the emergency database
  + LAC validation applies to the End Customer address only
* Emergency Address is optional in **Address update (action=ADD)**.
  + If the Emergency address is provided, then no LAC validation will be done on the emergency address and it will be populated in the emergency database
* In an **Address Update(Modify)** request the customer can include any or ALL of these as conditional mandatory:
  + Directory Services entry, and/or
  + the End Customer Address and/or
  + the Emergency Address.
  + If the Emergency address is provided, then it will be populated in the emergency database. Any new or updated Emergency address will be validated before it is accepted. LAC validation does not apply to emergency address.
  + LAC validation applies to the End Customer address only
* ADD operation is only applicable to Premium customers and MODIFY is applicable for both Standard and Premium customers.

### Phonebook Publication

In Belgium, Ireland, Italy, Portugal, Sweden, Netherlands, Spain and UK, Colt APIs allows you to provide and update Directory Service as well.

In the Netherlands, you can use the activation, Port-In and address update functionality to provide new or additional Address and Directory Services information at an order and/or at a CLI level.

Please refer to below table while submitting the request for these countries.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| API | End customer Details & address +  Directory Services update  (BE, ES, SE) | End customer Details & address +  Directory Services update  (NL) | Emergency Address  (NL) | End customer Details & address  (IE, IT, PT, UK, CH) | Directory Services update  (IE, IT, PT, UK, CH) |
| *numberActivation*  (Pre-activation) | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| *numberActivation* | Mandatory | Mandatory | Not applicable | Mandatory | Optional |
| *updateEndCustomerAddress*  (ADD) | Mandatory | Mandatory | Optional | Mandatory | Optional |
| *updateEndCustomerAddress*  (MODIFY) | Mandatory | any or ALL of these as conditional mandatory:   * Directory Services entry, and/or * the End Customer Address and/or * Emergency Address | | any or ALL of these as conditional mandatory:   * Directory Services entry, and/or * the End Customer Address | any or ALL of these as conditional mandatory:   * Directory Services entry, and/or * the End Customer Address |

| Résultat de recherche d'images pour "important message icon" | * For Spain- always provide the correct CIF/NIF value while updating the address. System will fail the orders if new CIF/NIF for Colt or Ported In numbers is provided during address update. |
| --- | --- |

## Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **Header** | | | |
| APIGWTrackingId | Mandatory | All | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | | |
| **productOffering** | | | |
| productName | Mandatory | All | Geographic Number Hosting |
| **cliList** | | | |
| cli | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758  you can pass ‘cli’ if you want to place an order for one single number.  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| startFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| endFullNumber | Conditional Mandatory | All | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| **orderType** |  |  |  |
| action | Optional | All | Allowed values:   * ADD (not applicable for DE)   MODIFY (default) |
| **relatedParty** | | | |
| reseller | | | |
| serviceProfile | Mandatory | All | Service profile associated with number |
| **subReseller** | | | |
| subResellerID | Optional | FR, IT, PT | string  for more details please refer to section 5.8 |
| **endCustomerDetails** | | | |
| customerType | Mandatory | BE, DE, IE, IT, NL, SE | Allowed values:   * Business * Residential |
| endCustomerName | Mandatory | All | String  Max length allowed:  IE: 35  GB: 50  CH: 60  DK, FR, DE, NL: 80  IT: 100  BE, PT: 120  AT: 250  ES, SE, LU, CZ, FI, NO, PL, SK, RO: 255  Allowed pattern for GB: "^([A-Za-z0-9 À-ÖØ-öø-ÿ-,/.'''':@)(~!"&"]\*)$"  Characters not allowed for GB: ^([!?/\"$£\*`()+<>:]\*)$  Allowed pattern for other countries: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory  either end customer name or First Name+ Last Name is required  For ‘Residential’ customer type this field is not required |
| firstName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 10  FR: 30  DE, IT, SE: 50  BE: 60  NL: 70  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory with endCustomerName  For ‘Business’ customer type this field is not required |
| lastName | Mandatory | BE, DE, IE, IT, NL, SE, FR | String  Max length allowed:  IE: 25  DE, IE, IT, SE: 50  BE: 60  NL: 70  FR: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  France: Conditional Mandatory with endCustomerName  For ‘Business’ customer type this field is not required |
| endCustomerDatOfBirth | Mandatory | DE | String  *Example: 09-11-1983*  For ‘Business’ customer type this field is not required |
| endCustomerLanguage | Mandatory | BE | Allowed value:   * **DE** = German * **FR** = French * **NL** = Dutch * **EN** = English |
| companyRegistrationNumber | Mandatory | PT, ES, SE | String  SE- *also known as Subscriber ID/ Organisation number*  PT- *also known as NIF details. Accepted format: PTXXXXXXXXX or XXXXXXXXX (other country VAT) where X=0-9*  ES- *also known as CIF/NIF*  Max length allowed:  SE: 12  ES: 20  PT: 11 |
| companyRegistrationNumber | Optional | BE | String  Max length allowed: 14 |
| companyNumberRegistered | Optional | ES, PT | Allowed values: Yes, No |
| serviceType | Optional | All except ES, NL and Zone B countries | Allowed values:   * SUBSCRIBER * SERVICE   Customer should inform [ResellerSupport.Voice@colt.net](mailto:ResellerSupport.Voice@colt.net) if they wish to use this field |
| **endCustomerAddress** | | | |
| floorNumber | Optional | PT, IE, RO, AT | Max length allowed:  AT: 3  RO: 5  PT: 11  IE: 25 |
| houseNumber | Conditional Mandatory/ Mandatory | All | Conditional mandatory with building name for DK, DE, IE, NL  Mandatory for IT, ES, CH, BE, SE, FR, AT, PT  Max allowed length (L):  SE, BE : 5  NL: 1 ≤ L ≤ 5  IE, FR: 7  IT, ES, GB: 10  CH, PT: 12  AT,DK, DE, LU, CZ, FI, PL, NO, SK, RO: 20  Allowed pattern for NL: "^([1-9][0-9]{0,4})$"  ES: Street number will be entered here  BE: It includes the values of premisesNumber + premisesNumberLetter without a space. Ex:14a |
| orientationNumber | Optional | CZ | We are currently capturing Street Name, House Number, Post Code and City, however there is one additional field called Orientation Number. It is possible to have addresses with same Post Code, City, Street Name and House Number but different orientation number. Each of these addresses has a different Address Code which needs to be sent to EDB.  Allowed pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$  Max allowed length (L) ≤ 20 |
| buildingName | Conditional Mandatory / Optional | All (except ES, SE, FR, CH, AT and Zone B countries) | Conditional mandatory with premises number for DK, DE, IE, NL  Optional for PT, IT  Max allowed length:  PT: 30  DK, FR, DE, IT, NL, CH, IE: 50  GB: 55  Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\*  Characters not allowed for GB: *?\$£\*+<>* |
| streetName | Mandatory | All except GB | Max allowed length:  NL: 24  IE, FR: 40  DK, DE, SE, CH: 50  BE: 60  IT, PT: 70  AT: 80  ES, LU, CZ, FI, NO, SK, RO, PL: 200  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| streetName | Optional | GB | Max allowed length: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| city | Mandatory | All | Max allowed length:  IE: 20  GB, CH: 30  AT, DK, DE, NL, PT, SE: 50  BE, FR: 60  IT: 70  ES, LU, CZ, FI, NO, PL, SK, RO : 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  Characters not allowed for GB: *?\$£\*+<>* |
| postalCode | Mandatory | All | Max allowed length:  AT, DK, CH, BE, LU, NO: 4  FR, DE, IT, ES, FI : 5  RO, SK: 6  CZ: 6 (3 digits followed by a space and then 2 digits e.g. 119 99 )  PL: 6 (2 digits followed by a hyphen and then 3 digits e.g. 00-003)  NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT)  IE: 8 (3 characters followed by a space and then 4 characters e.g. A65 B2CD)  GB: 1 ≤ L ≤ 8 (BX XAA, BBX XAA, BXX XAA, BBXX XAA, BXB XAA, BBXB XAA or BBXX AAA - A and B are alphabetical type (A to Z), X is a number type (0 to 9), always with a space between the 2 strings.)  SE: 8 |
| poBoxNumber | Optional | FR | Max allowed length:  FR: 5 |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| streetType | Mandatory/  Optional | IT, ES, RO | Mandatory for IT, ES, RO  Optional for FR  Max allowed length:  FR: 40  ES, RO: 50  IT: 30 |
| province | Mandatory | IT, ES | Max allowed length:  ES: 50  IT: 2 |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| subLocality | Mandatory/  Optional | PT, BE, IT, IE | Mandatory for PT  Optional for BE, IT, IE  Max allowed length:  IE: 21  PT: 50  BE, IT: 70 |
| block | Optional | AT | Max allowed length: 3 |
| stairs | Optional | AT | Max allowed length: 3 |
| doorNumber | Optional | AT | Max allowed length: 3 |
| room | Optional | PT | unit (apartment, suite)  Max allowed length: 10 |
| unit | Optional | PT | A "room" (CAtype 28) is the smallest identifiable subdivision of a structure.  Max allowed length: 15 |
| county | Mandatory | IE | Max allowed length:15 |
| addressID | Optional | ES, BE, SE, IE, IT, PT, GB, FR, DE, LU, NO, RO, CZ, SK, FI, PL, CH, AT | address reference ID can be used instead of complete address  Allowed max length: 20 |
| poBoxNumber | Optional | FR | Max allowed length:5 |
| **emergencyAddress (for NL only)**  Mandatory for NL if action = ADD  Optional for NL if action = MODIFY or null | | | |
| houseNumber | Conditional Mandatory | NL | Conditional mandatory with buildingName for NL  Max allowed length:  NL: 1 ≤ L ≤ 5  Allowed pattern for NL: "^([1-9][0-9]{0,4})$" |
| buildingName | Conditional Mandatory / Optional | NL | Conditional mandatory with houseNumber for NL  Max allowed length:  NL: 50  Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\* |
| streetName | Mandatory | NL | Max allowed length:  NL: 24  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| city | Mandatory | NL | Max allowed length:  NL: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| postalCode | Mandatory | NL | Max allowed length:  NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT) |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| addressID | Optional | NL | address reference ID can be used instead of complete address  Allowed max length: 20 |
| **directoryServicesDetails (applicable for BE, ES, GB, IT, NL, PT, SE,CH, AT)** | | | |
| orderType | Mandatory | IT,CH | Applicable only for Address Update. New - Additional DSU number to be published in DSU. Cease - Existing DSU telephone number details can be ceased. Amend - Existing DSU telephone number details can be modified.  **CH, AT:**  Only "New" value is applicable for Activation and Portin orders.  Only "Cease" value is applicable for Deactivation and PortOut Journeys.  All 3 New, Modify and Cease values are applicable in Modify Operation when DSU changes are required. |
| endCustomerName | Mandatory / Conditional Mandatory | IT, AT | String  Max length allowed:  IT: 100  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  For ‘Residential’ customer type this field is not required  AT: 250  If customer Type is Business then ‘endCustomerName/Organization Name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| businessSuffix | Optional | IE, IT, GB, AT | User should enter the Official business suffix abbreviations only or word(s) in full. For example, Ltd, Limited, Plc, Co LTD, Company Ltd, & Co etc.  Allowed max length:  GB: 50  IE: 30  IT: 100  AT: 50 (businessSuffix is now an optional field irrespective of customerType passed in the request.) |
| businessDescription | Optional | IE, IT, GB, AT | This field is used at the customer’s request, if additional words are required to describe what a business actual does, e.g. Accountants, Solicitors, etc  Allowed max length:  GB, IE: 50  AT: 80  IT: 100 |
| subHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure  Sub Headers are used to sub-divide groups into different departments or divisions etc., where there is more than one telephone number for that department or division, e.g. Accounts, Sales. Address details or telephone numbers are not included in Sub Headers.  Sub Headers appear below the main header (the business trading name), but above the relevant listings.    Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Allowed max length: 50 |
| subSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure.  Note: Sub Header must be blank if entry format is  A (single) or C (single Cross Ref)  Sub Sub Header must have a parent Sub Header  Allowed max length: 50 |
| subSubSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure. Note: Sub Sub Header must be blank if entry format is A (single) or C (single Cross Ref)  Sub Sub Sub Header must have a parent Sub Sub Header  Allowed max length: 50 |
| qualifier | Optional | GB | This field is used to distinguish a specific department where only one number exists for that department. This data will appear before any address data on the listing. This field is only applicable to group listing i.e. if the user enters this data then the “Listing Category” should be selected as “Group”. E.g.: Sales, General Enquiries, etc.  Allowed max length: 50 |
| DSUAddress | Mandatory | IT, GB, BE, IE, CH, AT | Address parameters or addressID to be provided in this node  **Address parameters**  **IT**: end customer address (houseNumber, streetName, Province, city, postalCode, houseNumberExtension, streetType, subLocality) or addressID  **GB:** end customer address (houseNumber, buildingName, streetName, city, postalCode) or addressID  **B**E: end customer address (houseNumber, houseNumberExtension , streetName, city, postalCode) or addressID  IE: end customer address ( floorSuite, houseNumber, buildingName, streetName, city, postalCode, subLocality, county) or addressID  **CH**: end customer address (houseNumber, streetName, city, postalCode) or addressID  **AT:**  end customer address (houseNumber, streetName, city, postalCode, block, stairs, doorNumber) or address ID |
| telephoneNumber | Mandatory | IT, CH, AT | **IT:**  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short number range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a number range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where all the followings examples are acceptable :  - 02 328039  - 02 3280390 or 1 or …. 9  - 02 32803900 or 01 or … 99  **CH:**  Publish only 1 CLI number for the DSU without short number logic. DSU Telephone number should be validated with number range selected in the order. include for each number range selected in UI needs to populate individual DSU Telephone number.  Allowed max length:  IT: 13  CH: 12  AT: 20 |
| isFaxNumber | Optional | AT | Is the DSU Telephone number a Fax number    Boolean  Allowed values:   * true * false |
| entryType | Mandatory | GB | Allowed values:   * **DE**: Directory Entry –will feed to all directory services including the local BT Phone Book if it is a Main DQ listing. Only business listings are passed to classified services. * **DQR**: Directory Enquiry Record – listing will be available to Voice 118 services and Tele-Appenders only. Business listings only are also passed to Classified products. * **XD/NC**: Ex-Directory No Calls – listing will feed to Voice 118 services, but the telephone number is withheld. |
| listingCategory | Mandatory | GB, IE | Allowed values:   * Single * Group |
| typeFace | Mandatory | GB | Allowed values:   * Ordinary * Bold * Superbold |
| priority | Mandatory | GB | Allowed values:   * A * S * Z   A to list first S to list alphabetically Z to list last If Listing Category is Group then A,S or Z values are applicable. If Listing Category is Single then only S value is applicable.  The values defined for "Priority" are conditional upon the selection of "Listing Category" Field values. |
| listingType | Mandatory | GB | Allowed values:   * DQMain * DQAdditional * PB |
| additionalIinstructions | Optional | AT, IT, IE | Additional Address (ULTERIORE INDIRIZZO)  It can be used for Web Site or Branch address (More than 1 address)  Allowed length:  IT: 200  IE: 250  AT: 500 |
| companyEmailAddress | Optional | IT,CH | Email address |
| listingLanguage | Mandatory | BE | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **NL**: Dutch * **FR**: French * **DE**: German   The value must correspond to the language used for fields Street name and locality name. |
| listingLanguage | Mandatory | CH | Official language of the listing address, or the preferred language in case of more than one official language for a location:   * **E**: English * **F**: French * **D**: German * **I**: Italian |
| usageType | Optional | PT | Allowed values:   * ‘1-Telephone’ * ‘2-SemiAutomaticFax’ * ‘3-AutomaticFax’ |
| searchOnTelephoneOnly | Mandatory | IT | Allowed values:   * ‘Yes’ = visible in derived / market research * ‘No’ = not visible in derived / market research (Default) |
| allowAdvertisingEmails | Mandatory | IT | Allowed values:   * ‘Yes’ = agree to receive advertising emails * ‘No’ = do not agree to receive advertising emails (Default) |
| allowAdvertisingCalls | Mandatory | IT, CH | Mandatory for IT, CH  Allowed values:   * ‘Yes’ = agree to receive advertising calls * ‘No’ = do not agree to receive advertising calls (Default) |
| basicDirectoryEntry | Mandatory | ES | Confirms consent or not to the appearance of user data in guides / consultation services.  Allowed values:   * ‘N’ = (No), data will not appear in query * ‘Y’ = (Yes), data will appear in query |
| directSalesMarketingEntry | Mandatory | ES | Confirms consent or not to data being published in guides / services used for commercial or advertising purposes.  Allowed values:   * ‘N’ = (No), do not allow the use of data for commercial & advertising purposes, * ‘Y’ = (Yes), allow the use of data for commercial & advertising purposes. |
| secretListing | Mandatory | SE | Confirms consent or not to data being published in guides / services used for public or secret listing purposes.  Allowed values:   * ‘N’ = Allows use of data for public listing * ‘Y’ = Allows use of data for secret listing |
| directoryListingOptions | Mandatory | BE | Allowed values:   * No consent * Full Address consent, no Reverse * Partial Address consent, no Reverse * Full Address consent, with Reverse * Partial Address consent, with Reverse |
| directoryListingOptions | Mandatory | IE | Allowed values:   * Listed * Unlisted * ExDirectory |
| confidentialityFlag | Mandatory | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityOtherFlag | Optional | PT | Allowed values:   * ‘n-notconfidential’ - visible in the public listing * ‘m-confidentialaddress’ - address is not visible in the public listing * ‘c-totallyconfidential’ - not visible in the public listing (Default) |
| confidentialityReverseSearch | Mandatory | PT | Allowed values:   * ‘n-not\_opposed\_reversesearch’ = available in reverse search (not confidential) * ‘s-opposed\_reversesearch’ = not available in reverse search (confidential) (Default) |
| advertisementFlag | Mandatory | IT | Allowed values:  ‘0-No’ = do not agree to receive advertisements on other channels (Default) |
| subscriptionCategoryIndex | Optional | IT | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration)  Allowed values:   * ‘00-PrivateCustomerCategory’ * ‘01-CompanyCustomerCategory’ (Default) * ‘02-SemiPublicCustomerCategory’ * ‘03-PublicCustomerCategory’ |
| electronicDirectory | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify a customer’s agreement to be listed in the Electronic Directory Services  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Allowed values are: • **Yes** = visible in Electronic Directories listing • **No** = not visible in Electronic Directories listing |
| subscriberInformationServices | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify a customer’s agreement to be listed in the Directory Enquiry Services  Mandatory for the non PortIn orders and if a Port-In order has keepCurrentSettings = No Permitted Values: • Yes = visible in information services listing • No = not visible in information services listing |
| numberMasking | Mandatory for Activation and Address Update (‘ADD’)  Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify a customer's request to mask their number in the invoices  Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = No Values are: • **Yes** = CLI to be masked in the invoices • **No** = CLI can be visible in the invoices |
| keepCurrentSettings | Not applicable | NL | keepCurrentSettings field is only applicable in PortIn orders and not be visible in non-portin order. If the value of keepCurrentSettings is “**Yes**” in a Port-in order, then ignore sending the values of informationServices, numberMasking, electronicDirectory to Colt. If the value of keepCurrentSettings is “**No**” in a Port-in order, then mandatorily send the values of informationServices, numberMasking, and electronicDirectory to Colt. |
| oldTelephoneNumber | Optional | IT, CH | **IT:**  Used if DSU telephone number needs to be changed from one number to another without changing the other DSU details.  Only used when OrderType(DSU) is Amend.  For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)  For this purpose, a short numbering range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.  Here is a practical example for a numbering range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where are acceptable all the followings examples :  - 02 328039  - 02 3280390 or 1 or ….. 9  - 02 32803900 or 01 or … 99  **CH:**  Only used when OrderType(DSU) is AMEND.  Used if DSU telephone number to be changed from one number to another with or without changing the other DSU details. Publish only 1 CLI number for the DSU without short number logic.  Allowed max length:  IT: 13  CH: 12 |
| customerType | Mandatory | IT, AT | Allowed values:  IT:   * Business * Residential   AT:   * Business * Residential * Mixed |
| firstName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| lastName | Conditional Mandatory | IT, AT | String  Max length allowed: 50  Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"  IT:  For ‘Business’ customer type this field is not required  AT:  If customer Type is Residential then ‘First Name’ and ‘Last name’ is Mandatory.  If customer Type is Mixed then either ‘end Customer Name’ or ‘First Name and Last name’ is Mandatory. |
| fiscalCode | Conditional Mandatory | IT | If customer Type is ‘Residential’ then this field is mandatory for IT  fixed allowed length: 16 |
| importAndCease | Not required for activation or address update | IT | NA |
| amalgamateWithVAT | Mandatory | IT | Amalgamate numbers with VAT/tax code  Allowed values are in bold:   * **Yes** = Grouping * **No** = No grouping |
| directMarketingPreference | Optional | IE | Allowed values:   * Y * N |
| **triPartyAgreement**  **Optional** (for customers using Colt Owned Numbers)  **N/A** (for customers using their own number pool) | | | |
| triPartyAgreementFileName |  | FR | documentNameType  string  pattern: .\*((\.docx)|(\.pdf)|(\.doc)) |
| triPartyAgreementFileContent |  | FR | attachmentType  string($base64) maxLength: *5242880* 5MB |

## Response Schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apigw-uat.colt.net/numberCollection/v1/numberCollectionOperation* |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string *Example: multipart/form-data; boundary=645501572420247968528808* |

## Sample Requests and Responses

### Action: ADD with address

|  |  |
| --- | --- |
| Request (BE) | Response (BE) |
| {      "cliList": [{          "startFullNumber": "+3210395792",          "endFullNumber": "+3210395792"      }],      "relatedParty": {          "reseller": {              "serviceProfile": "A9T"          },          "endCustomerDetails": {              "endCustomerName": "Colt",              "customerType": "Business",              "endCustomerLanguage" : "NL",              "endCustomerAddress": {                  "houseNumber": "71",          "streetName": "LOUIZALAAN",          "city": "BRUSSEL",          "postalCode": "1050"              }          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "directoryServicesDetails": {          "DSUAddress": {               "houseNumber": "71",          "streetName": "LOUIZALAAN",          "city": "BRUSSEL",          "postalCode": "1050"          },          "listingLanguage": "NL",          "directoryListingOptions": "Full Address consent, no Reverse"      },      "order": {          "action": "ADD"      }  } | {      "order": {          "id": "ab545dd9-41e4-4da7-895b-cfc837306e0a",          "href": "https://apimgb01.internal.colt.net:8443/numberManagement/v2/numberCollectionUpdateCustomerDetails"      }  } |

### Address update- with address ID and no action passed

|  |  |
| --- | --- |
| BE request | BE response |
| {      "cliList": [{          "startFullNumber": "+3210395792",          "endFullNumber": "+3210395792"      }],      "relatedParty": {          "reseller": {              "serviceProfile": "A9T"          },          "endCustomerDetails": {              "endCustomerName": "Colt",              "customerType": "Business",              "endCustomerLanguage" : "NL",              "endCustomerAddress": {                  "addressID" : "1-8LR2LR"              }          }      },      "productOffering": {          "name": "Geographic Number Hosting"      },      "directoryServicesDetails": {          "DSUAddress": {              "addressID" : "1-8LR2LR"          },          "listingLanguage": "FR",          "directoryListingOptions": "Full Address consent, no Reverse"      }  } | {      "order": {          "id": "ab545dd9-41e4-4da7-895b-cfc837306e0a",          "href": "https://apimgb01.internal.colt.net:8443/numberManagement/v2/numberCollectionUpdateCustomerDetails"      }  } |

# **Return and Reactivate Number**

## Return Number to Colt

### Reservation Cancellation

#### Description

POST/numberCollectionReservationCancellation allows you to cancel the reservation of reserved numbers.

|  |  |
| --- | --- |
| API | Description |
| POST/numberCollectionReservationCancellation | **Only if cliStatus = Reserved**   * Number will be removed from your inventory and go back to free status. |

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Request Body** | | |
| **cliList** | | |
| cli  startFullNumber  endFullNumber | Mandatory | E164NumberTypestring maxLength: 20 *example: +442081324758*  you can pass ‘cli’ if you want to place an order for one single number.  ‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request |
| **relatedParty** | | |
| serviceProfile | Mandatory | service profile associated with customer request  *example: ABC* |
| **productOffering** | | |
| name | Mandatory | String  Enum: Geographic Number Hosting |
| **Header** | | |
| APIGWTrackingId | Mandatory | Unique identifier for the order  Allowed pattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$  example: abcd456e-d45645-dfaafda-1232345667dd |

#### Request Body Schema

cancelNumberCollection{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cliList\* | [ *minItems: 1 maxItems: 1*  basicCliDetailsType{   |  |  | | --- | --- | | startFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* | | endFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* |   }] |
| relatedParty\* | cancelRelatedPartyType{   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  service profile associated with customer request | |  |  |   } |   } |
| productOffering\* | productOfferingType{   |  |  | | --- | --- | | name | String  Enum: [ Geographic Number Hosting ] | |  |  |   } |
|  |  |

#### cliStatus update

Please find below cliStatus update & next possible action(s):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Current cliStatus | target cliStatus | Next Possible Action(s) |
| POST/numberCollectionReservationCancellation | All | Reserved | Free | numberReservation, numberActivation |

#### Response Schema

asyncResponseType{

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* | | href | string *example: https://apimgd01.colt.net/numberManagement/v2/numberCollectionOperation* | |  |  |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

An orderID will be generated and returned to you.

The orderStatus will be ‘In progress’, until process completion.

#### Sample Request and Response

Please find below an example:

|  |  |
| --- | --- |
| Request | Response |
| {      “cliList”: [  {  "startFullNumber": "+441133460180",       "endFullNumber": "+441133460180"  }  ],      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "215cbcfb-f31a-40c2-a8e7-aacd5d51e314",          "href": "https://apimgb01.internal.colt.net:8443/numberManagement/v2/numberCollectionReservationCancellation"      }  } |

### Number Deactivation

#### Description

numberDeactivation API allows you to deactivate any activate number(s).

|  |  |
| --- | --- |
| API | Description |
| numberDeactivation | **Only if cliStatus = Activated** or **PortIn\_Activated**.  Number will either enter the quarantine period or be returned to the range holder. Network configuration will be removed, and number will not be reachable. |

**Deactivation journey of NL 088 numbers/ranges.**

* 088 deactivation is immediate upon submission without the 2 month (quarantine) period
* Deactivation lead time in regulatory database is 3 working days (day of submission not counted).
* Completion will be confirmed/notified to you as soon as numbers are removed from Colt network and on the receipt of the Ack from PTXS upon submission of the deactivation request
* No re-instate or re-activation is possible once deactivation is submitted
* Numbers will be updated as ‘Returned’

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Request Body** | | |
| **cliList** | | |
| cli  startFullNumber  endFullNumber | Mandatory | E164NumberType  string maxLength: 20 *example: +442081324758*  you can pass ‘cli’ if you want to place an order for one single number.  ‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request |
| **relatedParty** | | |
| serviceProfile | Mandatory | service profile associated with customer request  *example: ABC* |
| **productOffering** | | |
| name | Mandatory | String  Enum: Geographic Number Hosting |
| **Header** | | |
| APIGWTrackingId | Mandatory | Unique identifier for the order  Allowed pattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$  example: abcd456e-d45645-dfaafda-1232345667dd |

#### Request Body Schema

deactivateNumberCollection**{**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cliList\* | [ *minItems: 1 maxItems: 1*  basicCliDetailsType{   |  |  | | --- | --- | | startFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* | | endFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* |   }] |
| relatedParty\* | deactivateRelatedPartyType{   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  service profile associated with customer request | |  |  |   } |   } |
| productOffering\* | productOfferingType{   |  |  | | --- | --- | | name | String  Enum: [ Geographic Number Hosting ] | |  |  |   } |

**}**

#### Response Schema

asyncResponseType{

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* | | href | string *example: https://apimgd01.colt.net/numberManagement/v2/numberCollectionOperation* | |  |  |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

An orderID will be generated and returned to you.

The orderStatus will be ‘In progress’, until process completion.

#### Sample Request and Response

|  |  |
| --- | --- |
| Request | Response |
| {      “cliList”: [  {  "startFullNumber": "+441133460180",       "endFullNumber": "+441133460180"  }  ],      "relatedParty": {          "reseller": {              "serviceProfile": "ANH"          }      },      "productOffering": {          "name": "Geographic Number Hosting"      }  } | {      "order": {          "id": "215cbcfb-f31a-40c2-a8e7-aacd5d51e314",          "href": "https://apimgb01.internal.colt.net:8443/numberManagement/v2/numberCollectionDeactivation"      }  } |

### Port-Out

When a port-out request will be received by Colt from another provider, Colt will create a **portOut** order and notification will be sent to you. In some countries, you will be asked to confirm or reject the request.

#### 10.1.3.1 Port Out Order Status [orderStatus]

port-out order might have additional status [**orderStatus**] than the ones described in the section 2.5.

Please find below list of the ones applicable to port-out orders:

|  |  |  |
| --- | --- | --- |
| orderStatus | Country | Description |
| **Confirmed** | All except AT, BE, DE, CH, NL | In countries where your confirmation is not required, this will be the order status, mainly until port-out completion.  Number status will be ‘Port out In progress/ Transfer In progress / Return In progress’. |
| **Customer feedback awaited** | BE, CH | In countries where your confirmation is required, this will be the first order status. You will be asked to accept or reject the request.  *Colt will automatically accept the request on your behalf after 2 working days.*  *Daily reminders will be sent to you to accept the port out request once the order is created in “*Customer feedback awaited*” status.*  *Number status will be ‘Port out In progress/ Transfer In progress / Return In progress’.*  *The Customer contact for porting is setup and maintained by the Reseller Support Voice team and will be used for these notifications. If you need to update your porting contact, please get in touch with* [*ResellerSupport.Voice@colt.net*](mailto:ResellerSupport.Voice@colt.net) |
| **Customer feedback awaited** | AT, DE | In countries where your confirmation is required, this will be the first order status. You will be asked to accept or reject the request.  *Colt will automatically accept the request on your behalf after 5 working days*  *Daily reminders will be sent to you to accept the port out request once the order is created in “*Customer feedback awaited*” status.*  *Number status will be ‘Port out In progress/ Transfer In progress / Return In progress’.*  *The Customer contact for porting is setup and maintained by the Reseller Support Voice team and will be used for these notifications. If you need to update your porting contact, please get in touch with* [*ResellerSupport.Voice@colt.net*](mailto:ResellerSupport.Voice@colt.net) |
| **Customer feedback awaited** | NL | In NL, where your confirmation is required, this will be the first order status. You will be asked to accept or reject the request.  You will have 2 working days to:   * Accept the request and provide the First Possible Date (FPD) for the Port-Out, * Decline the request with the relevant blocking code.   Same as port-in, FPD is the soonest numbers can be ported-out and should be any day within the next 120 calendar days.  *Please note that Colt will automatically accept the request and set the FPD to the next business day on your behalf after 48 hours.*  *Number status will be ‘Port out In progress/ Transfer In progress / Return In progress’.* |
| **Rejected** | AT, BE, DE, CH, NL | Applicable in countries where your confirmation is required.  If you reject the request, this will be the final status.  Please always share the rejection reason. No further action. |
| **Confirmed** | AT, BE, CH | Applicable in countries where your confirmation is required.  If you accept the request, this will be the next status, until order completion or update.  *Number status will remain in ‘Port out In progress/ Transfer In progress / Return In progress’.* |
| **Firm Order Commitment** | NL | In NL, after you have accepted the request, the order will be in this status until the First Possible Date (FPD) is reached – or order cancelled. |
| **Ready for porting initiation** | NL | In NL, when the First Possible Date (FPD) is reached, the status will be changed automatically, and the gaining operator will be able to initiate the port during the next 90 calendar days.  Without action during this period, order will expire. |
| **Expired** | NL | Gaining operator did not request the port. No further action. |
| **Port initiated** | NL | When the gaining operator has requested the port. |
| **Port Out initiated** | All except NL | When the port-out is initiated from Colt or the Gaining Operator |
| **Cancelled** | All | Order has been cancelled. No further action. |
| **Completed** | All | Port completed. Number is not live on your service anymore.  Rollback can be requested for all countries (except NL) by reaching out to Colt’s local porting desk.  If the Rollback request is accepted by Colt, then the port-out order will move to ‘confirmed’ status and number status will be ‘Port out In progress/ Transfer In progress / Return In progress’. |

**Please note:** All DE port out orders raised by a registered DE reseller will move to ‘Customer Feedback Awaited’ status and will require confirmation/rejection from the registered DE reseller. If no response received, an order will automatically move to Confirmed status after 5 working days

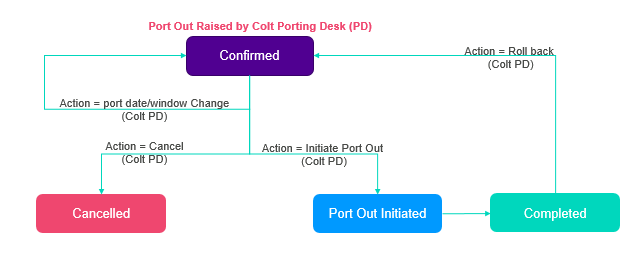
#### 10.1.3.2 Port-Out in all countries except PT, NL, AT, BE, DE and CH (no customer action required)

Description

In those countries, no action is required form you.

orderStatus update

Below image provides you high level flow:



**Output/Response**

A parent **orderID** will be generated, with orderStatus = ‘Confirmed’.

Following process completion, parent orderStatus will be updated as per the above.

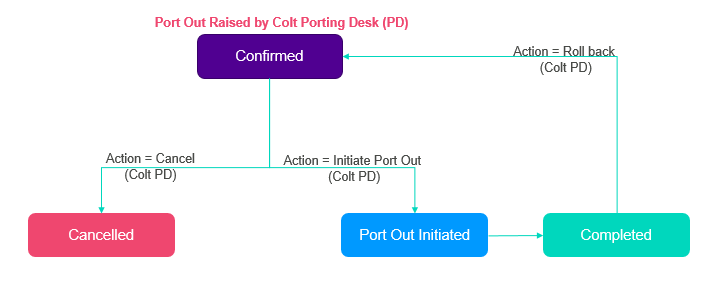
#### 10.1.3.3 Port-Out in PT (no customer action required)

Description

In those countries, no action is required form you.

orderStatus update

Below image provides you high level flow:



**Output/Response**

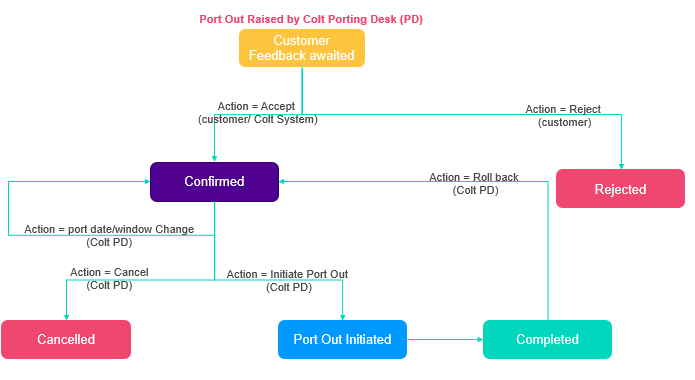
A parent **orderID** will be generated, with orderStatus = ‘Confirmed’.

Following process completion, parent orderStatus will be updated as per the above.

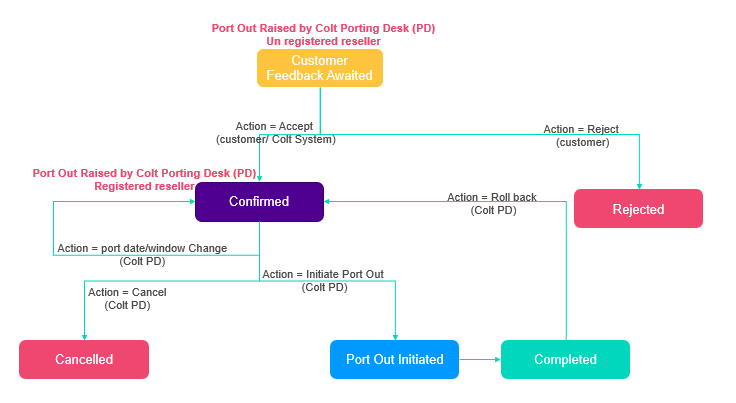
#### 10.1.3.4 Port-Out in AT, BE, DE, NL and CH (customer action required) [orderDataUpdate API]

Below image provides you high level flow in

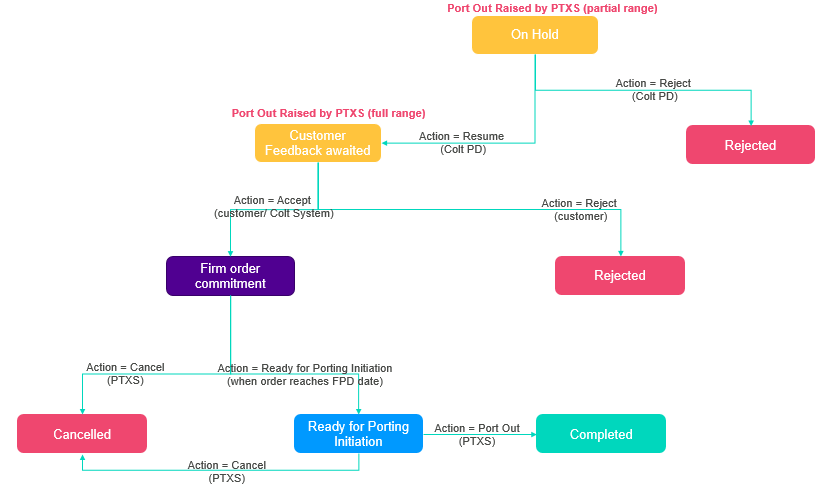
###### **Austria, Belgium, Switzerland**



###### **Germany (port out raised by Colt PD or Registered reseller)**



###### **Netherlands**



When Colt receive a partial port-out request and the ‘Contract’ value is received as ‘Default’ or ‘Early Termination’ and the note field is not populated by the gaining operator then the request will be rejected automatically with blocking code 99 and the note field value updated to: ‘Number is part of a bigger range’.

All other numbers present in the request (if there are any) and which are identified as non-partial/a full range, will be rejected with blocking code 99 and note ‘Request contains partial number’

When a port-out request is received where the contract type is ‘Continuation’, you must set the FPD date as today’s date and not a future date.

##### Description

The PortOrderUpdate API allows you to ‘Accept’ or ‘Reject’ a port out request for countries AT, BE, NL and DE (w/o WBCI).

##### Output/Response

A child **orderID** will be generated, with orderStatus = ‘In progress’ .

Parent port out orderID will move to ‘Confirmed’ or ‘Rejected’.

Following process completion, child & parent orderStatus will be updated as per the below:

|  |  |  |
| --- | --- | --- |
| portAction | Child orderStatus Update | Parent orderStatus Update |
| **Accept** | Completed | Confirmed |
| **Reject** | Completed | Rejected |

No further action allowed.

##### Input parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **portingContact (Optional node)**  *If below information is not sent in the request- details will be fetched from associated parent order ID* | | | |
| firstName | Mandatory | AT, BE, NL, DE | nameType  string *maxLength: 60* |
| lastName | Mandatory | AT, BE, NL, DE | customerNameType  string *maxLength: 255* |
| phoneNumber | Mandatory | AT, BE, NL, DE | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| mobileNumber | Optional | AT, BE, NL, DE | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| email | Mandatory | AT, BE, NL, DE | emailFormat  string |
| fax | Optional | AT, BE, NL, DE | phoneNumberType  string *pattern: ^[0-9]\*$ minLength: 6 maxLength: 20* |
| **resellerType** | | | |
| serviceProfile | Mandatory | AT, BE, NL, DE | service profile associated with customer request |
| **productOffering** | | | |
| productName | Mandatory | AT, BE, NL, DE | Geographic Number Hosting |
| **order** | | | |
| portupdateType | Mandatory | AT, BE, NL, DE | Value = Status |
| portAction | Mandatory | AT, BE, NL, DE | Value = Accept, Reject |
| parentOrderID | Mandatory | AT, BE, NL, DE | string *pattern: ^[A-Za-z0-9-]{1,36}$* |

##### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {    "relatedParty": {      "reseller": {        "serviceProfile": "A9R"      }    },    "productOffering": {      "name": "Geographic Number Hosting"    },    "order": {      "portUpdateType": "Status",      "portAction": "Accept",      "parentOrder": {        "id": "418cc30c-e555-4433-aed5-879c4a8f379c"      }    }  } | {      "order": {          "id": "38e9de3c-5fe5-49f3-8cb5-b93c2c6bacb9",          "href": "http://wmb2b2561.internal.colt.net/numberManagement/v2/numberCollectionPortOrderUpdate"      }  } |

## Reactivate Quarantined Number

### Description

You can reactivate number during its quarantine period only using:

|  |  |
| --- | --- |
| API | Description |
| POST/numberCollectionReactivation | Only if cliStatus = Quarantined or PortIn\_Quarantined  Number will be reassigned to the same end-user, meaning end-user information such as name, address, … will be fetched from the previous record and are not required. Network will be reconfigured, and number will be ready to be used again. |

POST/numberCollectionReactivation API allows you to reactivate the quarantined/portIn quarantined numbers.

|  |  |  |
| --- | --- | --- |
| Country | Current cliStatus | target cliStatus |
| All | Quarantined | Activated |
| FR, NL, PT, ES, SE, CH, IT | PortIn\_Quarantined | PortIn\_Activated |

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | |
| serviceProfile | Mandatory | Service profile associated with number |
| startFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| cli | Conditional Mandatory | This field can be used if search is required for a single CLI.  E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |

### Request Schema

reactivateNumberCollection**{**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cliList | [ *minItems: 1 maxItems: 1*  basicCliOrRangeType{   |  |  | | --- | --- | | cli | E164NumberType  string *maxLength: 20 example: +442081324758* | | startFullNumber | E164NumberType  string *maxLength: 20 example: +442081324758* | | endFullNumber | E164NumberType  string *maxLength: 20 example: +442081324758* | |  |  |   }] |
| relatedParty\* | reactivationRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  service profile associated with customer request |   } |   } |
| productOffering\* | productOfferingType{   |  |  | | --- | --- | | name | String  Enum: [ Geographic Number Hosting ] | |  |  |   } |
|  |  |

**}**

### Response Schema

**asynchResponseType**

{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdType  string($[A-Za-z0-9\-]{1,36})  Pattern to be updated. GUID format | | href | string *example: https://apimgd01.colt.net/numberManagement/v2/numberCollectionOperation* |   } |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Sample request and response

|  |  |
| --- | --- |
| Request | Response |
| {    "cliList": [      {        "startFullNumber": "+441133608944",        "endFullNumber": "+441133608944"      }    ],    "relatedParty": {      "reseller": {        "serviceProfile": "XXX"      }    },    "productOffering": {      "name": "Geographic Number Hosting"    }  } | {      "order": {          "id": "75dbc3a1-fff6-4574-b8f6-96a40389afed",          "href": "https://apimgd01.colt.net/numberManagement/v2/numberCollectionReactivation"      }  } |

# **Order Management**

## Get Order Details

### Description

GET/order/{orderID} API returns the order status & details for a given orderID.

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| orderId | Mandatory | orderID you would like to get status and details.  *Allowed pattern: ^[A-Za-z0-9-]{1,36}$* |
| serviceProfile | Mandatory | service profile associated with customer request  *example: ABC* |
| APIGWTrackingId | Mandatory | Unique identifier for the order  *Allowed pattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$*  *example: abcd456e-d45645-dfaafda-1232345667dd* |

### Output/Response

For the given orderID, full details will be returned.

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | Orders/records which are older than 365 days will be archived and a business error will be thrown in the response to requests for order details older than 365 days.  If you need information on orders/records placed over 365 days ago, please raise an Order Report request using the Wholesale SIP (Number Hosting) reports in NOD, or contact [ResellerSupport.Voice@colt.net](mailto:ResellerSupport.Voice@colt.net). |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | If a failure occurs whilst updating the Emergency Database for the order types below, a message: “Your order is technically completed and pending for emergency database update" will be shared as a new Order Description. Order types are:-   * Activation * Deactivation * Address Update * Reactivation * Port-In * Port-Out   Email notifications will be triggered for Port-In and Port-Out orders with the same message.  Post the successful completion of an order which reflects the successful update of the Emergency Database, the order description will be updated to: “Request has been processed successfully.”  Applicable for all countries except DE, DK and Zone B |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | Colt will send a New Rejection Code, a New Rejection Reason in the Order ID API response and in the callBack notifications  The Next Action will be added to the customer e-mail notification for port-in order updates.  Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20October%202024%20Release/Rejection%20Reason%20Management%20Oct%202024.xlsx) for the new Rejection code and reason for all countries. |

### Response Schema:

getOrderDetailsOrder{

|  |  |
| --- | --- |
| id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* |
| href | String |
| type | allowedOrderType  string  Enum:[ Number Reservation, Number Reservation Cancellation, Number Activation, Number Deactivation, Number Reactivation, New Port In, Cancel Port In, Update Port In Date, Reactivate Port In, Port Out, Port Transaction Update, Update End Customer Detail, Update Directory Services, Update Port Out, Cancel Port Out, Free Number Backfill, Cancel Free Number Backfill, Port In Deactivation, Number Migrate In, Number Migrate Out, Inter Domain Migration Approval] |
| numberCollection | getOrderNumberCollection{   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | cliList | [ *maxItems: 250*  cliDetailsType{   |  |  | | --- | --- | | startFullNumber | E164NumberType  string *example: +442081324758* | | endFullNumber | E164NumberType  string *example: +442081324758* | | singleLine | singleLineType  string | | multiLine | multiLineType  string | | secretCode | secretCodeType  string | | portDate | string($date) *example: 2019-05-17*  Field applicable only for NL | | blockingCode | String | | note | string  Field applicable only for NL | | OKUCode | OKUCodeType  String  Field applicable only for CZ |   }  ] | | usageType | usageTypeSchema  string  Enum:[ Own use, Assign to 3rd party, Shared resources ] | | portDetails | orderPortDetailsType{   |  |  | | --- | --- | | portInDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | portInWindow | portingWindowType  string | | portingContact | portingContactType{   |  |  | | --- | --- | | firstName | nameType  string | | lastName | customerNameType  string | | phoneNumber | String | | mobileNumber | String | | email | emailFormat  string | | fax | phoneNumberType  string |   } | | currentOperator | nameType  string | | gainingOperator | nameType  string | | portType | allowedPortType  string | | accessCode | accessCodeType  string | | firstPortDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | mainBillingNumber | E164NumberType  string *example: +442081324758* | | portRejectionCode | notesFormat  string | | migrationFlag | String | | contract | contractType  string | | portingPrefix | String | | gainingReseller | String | | receivingCarrier | String | | portingDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | portingWindow | portingWindowType  string | | rejectionDetails | portRejectionDetailsType  String | | autoPortIn | yesNoType  string |   } | | RelatedParty | getOrderRelatedPartyType{   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | reseller | orderResellerType{   |  |  | | --- | --- | | serviceProfile | serviceProfileType  string  service profile associated with customer request | | country | coltOperatingCountryList  string |   } | | subReseller | subResellerType{   |  |  | | --- | --- | | id | subResellerIDType  string |   } | | endCustomerDetails | orderEndCustomerDetailsType{   |  |  | | --- | --- | | endCustomerName | customerNameType  string | | customerType | customerTypeSchema  string | | firstName | nameType  string | | lastName | customerNameType  string | | registeredName | registeredNameType  string | | endCustomerDateOfBirth | String | | endCustomerLanguage | endCustomerLanguageType  String | | endCustomerAddress | addressSchema{...} | | emergencyAddress | addressSchema{...} | | companyRegistrationNumber | String | | companyNumberRegistered | yesNoType  string  Enum:[ Yes, No ] | | serviceType | String | | coltCVP | String | | providedCVP | String | | addressID | stringLen20Type  string | | customerReference | customerRefType  string | | adminAddress | addressSchema{...} |   } |   } | | directoryServicesDetails | directoryServicesDetailType{...} | | reservationRejection  Reason | stringLen255Type  string | | lockId | lockIdType  string | |  |  |   } |
| date | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| status\* | allowedOrderStatus  string  Enum: [ In Progress, Completed, Failed, Delayed, Cancelled, Port Not Initiated, Confirmed, Rejected, Port Date Change, Customer Feedback Awaited, Failed with Error, Initiate Port In, In-progress, Submitted to operator, Firm order commitment, Updated, Porting initiated, Activation delayed, Porting failed, Validation In Progress, Awaiting Approval, Porting Completion Delayed, Review Pending, Submitted to Local DB ] |
| statusDescription | String |
| errorDescription | String |
| reason | notesFormat  string |
| childOrderList | [getOrderChildOrder{   |  |  | | --- | --- | | id | orderIdType  string | | href | String | | date | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format | | status | allowedOrderStatus  string | | statusDescription | String | | errorDescription | String | | username | userNameType  string | | notes | notesFormat  string | | action | string | |  |  |   }] |
| parentOrder | getOrderParentOrder{   |  |  | | --- | --- | | id | orderIdType  string | | href | string |   } |
| username | userNameType  string |
| notes | notesFormat  string |
| isTriPartyAvailable | String |
| backfillDetails | orderBackfillDetailsType{   |  |  | | --- | --- | | quantity | [...] | | areaCode | areaCodeType[...] | | searchType | allowedSearchType[...] | | numberType | allowedNumberTypes[...] | | justification | stringLen2048Type[...] | | leadTime | string |   } |
| groupedCliRangeSpecList | groupedCliRangeSpecListType[  groupedCliRangeSpecType{   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | parentCliRange | cliRangeType{   |  |  | | --- | --- | | startFullNumber | E164NumberType[...] | | endFullNumber | E164NumberType[...] |   } | | childCliRangeSpecs | cliRangeSpecListType[cliRangeSpecType{   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | cliRange | cliRangeType{   |  |  | | --- | --- | | startFullNumber | E164NumberType[...] | | endFullNumber | E164NumberType[...] |   } | | directoryServicesDetailType | directoryServicesDetailType{...} | | endCustomerDetails | cliEndCustomerDetailsType{   |  |  | | --- | --- | | emergencyAddress | addressSchema{...} |   } |   }] |   }] |
| newActivation | yesNoTypestringEnum: [ Yes, No ] |

**}**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Sample response

|  |
| --- |
| Get/order/{orderID} response |
| {      "userName": "3bfaed2f-5362-4e12-8369-f50bed610aef",      "creationTime": "2021-10-07T01:45:44.394Z",      "orderType": "Number Activation",      "id": "6a6836f5-e82b-4c56-816c-4457db2bc6c8",      "serviceProfile": "ANH",      "country": "GB",      "cliDetails": [          {              "startFullNumber": "+442083964917",              "endFullNumber": "+442083964917"          }      ],      "orderDate": "2021-10-07T01:37:49.000+01:00",      "endCustomerDetails": {          "endCustomerType": {              "endCustomerName": "Colt Technology Services",              "endCustomerAddress": {                  "premisesNumber": "20",                  "streetName": "Great Eastern Street",                  "cityTown": "London",                  "postalZipCode": "EC2A 3EH"              }          }      },      "orderStatus": {          "orderStatus": "Completed",          "orderDescription": "Request has been processed successfully.",          "errorCode": "success",          "errorDescription": ""      },      "serviceType": "SUBSCRIBER",      "href": "https://apimgb11.internal.colt.net:8443/numberManagement/v1/order/6a6836f5-e82b-4c56-816c-4457db2bc6c8"  } |

## Get List of Orders

### Description

GET/Order API returns the list of orders placed or updated during the provided timeframe. This feature returns a list of orders based on your search criteria (e.g., all completed activations over the past week).

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| serviceProfile | Mandatory | Service profile associated with number |
| dateFrom | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| dateTo | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| type | Optional | *Available values* : Number Reservation, Number Reservation Cancellation, Number Activation, Number Deactivation, Number Reactivation, New Port In, Cancel Port In, Update Port In Date, Reactivate Port In, Port Out, Port Transaction Update, Update End Customer Detail, Update Directory Services, Update Port Out, Cancel Port Out, Free Number Backfill, Cancel Free Number Backfill, Port In Deactivation, Number Migrate In, Number Migrate Out, Inter Domain Migration Approval |
| status | Optional | *Available values* : In Progress, Completed, Failed, Delayed, Cancelled, Port Not Initiated, Confirmed, Rejected, Port Date Change, Customer Feedback Awaited, Failed with Error, Initiate Port In, In-progress, Submitted to operator, Firm order commitment, Updated, Porting initiated, Activation delayed, Porting failed, Validation In Progress, Awaiting Approval, Porting Completion Delayed, Review Pending, Submitted to Local DB |
| lastModifiedDateFrom | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDateTo | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| customerReference | Optional | string  max allowed length: 50 |

**Business rules:**

1. date range (created date/modified date) should be less than or equal to 30 days
2. at least one of the date ranges is specified in the input: either dateFrom and dateTo OR lastModifiedDateFrom and lastModifiedDateTo OR both
   1. If only dateTo is specified and dateFrom is not specified, value of dateFrom will be treated same as dateTo and vice versa.
   2. If only lastModifiedDateTo is specified and lastModifiedDateFrom is not specified, value of lastModifiedDateFrom will be treated same as lastModifiedDateTo and vice versa.

### Response Schema

orderList

[orderListOrder{

|  |  |
| --- | --- |
| id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* |
| href | string |
| type | allowedOrderType  string |
| status | allowedOrderStatus  string |
| date | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| numberCollection | getOrderListNumberCollection{   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | cliList | [getOrderListCliDetailsType{   |  |  | | --- | --- | | startFullNumber | E164NumberType  string *example: +442081324758* | | endFullNumber | E164NumberType  string *example: +442081324758* | |  |  |   }] | |  |  |   } |
| parentOrder | orderListParentOrder{   |  |  | | --- | --- | | id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* | | href | string | |  |  |   } |
| userName | userNameType  string |
|  |  |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Sample response

|  |
| --- |
| Search of orders with multiple search criteria  *https://apimgd01.colt.net/numberManagement/v2/order?dateFrom=2023-07-01&dateTo=2023-07-14&type=Number Activation&status=Completed&lastModifiedDateFrom=2023-07-05&lastModifiedDateTo=2023-07-14&serviceProfile=ANH* |
| {      "getOrderListRes": [          {              "id": "d3763a60-7c0f-4aaf-afab-190427c62332",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Activation",              "status": "Completed",              "date": "2023-07-11T06:54:13.000+01:00",              "lastModifiedDate": "2023-07-11T07:05:18.124+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440061",                          "endFullNumber": "+441434440061"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User2"          },          {              "id": "f7f4575c-87b8-4518-83d1-71779660ed96",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Reservation",              "status": "Completed",              "date": "2023-07-11T06:21:08.000+01:00",              "lastModifiedDate": "2023-07-11T06:22:52.333+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440058",                          "endFullNumber": "+441434440058"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User1"          },    {              "id": "a56893dc-2017-4936-b8a0-af858ca6634c",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Port Transaction Update",              "status": "Completed",              "date": "2023-07-11T03:06:52.000+01:00",              "lastModifiedDate": "2023-07-11T15:06:54.628+01:00",              "parentOrder": {                  "id": "2488d736-0fc8-49a6-b2e2-05e9d6c5f9a1",                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User2"          },  {              "id": "21a8440f-14f8-4c73-8fa7-3fd87897037a",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Update End Customer Detail",              "status": "Completed",              "date": "2023-07-11T02:09:15.000+01:00",              "lastModifiedDate": "2023-07-11T14:09:27.169+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434008905",                          "endFullNumber": "+441434008905"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"            },              "userName": "user2"          },          {              "id": "ddaf6f4b-955e-4ea8-a720-147a90f8252a",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Deactivation",              "status": "Completed",              "date": "2023-07-11T06:54:10.000+01:00",              "lastModifiedDate": "2023-07-11T07:05:18.148+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440065",                          "endFullNumber": "+441434440065"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User1"          }      ]  } |

## API Call Back

### Description

This key feature for system-to-system integration provides automated updates to customer by calling back its REST JSON API end point for all open orders.

For instance, Colt will automatically call back your API end point when an activation has been completed or when a Port-In order has been updated (from *Submitted to Operator* to *Firm Order Commitment* status as an example). Updates are near real time (based on a 5 minutes’ scheduler) and are done serially for each open order. To ensure business continuity, retry mechanism and email alert are also available.

Please find below feature specifications and customer requirements:

|  |  |
| --- | --- |
| Type | Description |
| Customer Requirements | You are required to do the following to setup API Call Back:   * To host HTTPS REST JSON API end point as per Colt’s specification. * To enable client certificate-based authentication mechanism. * To provide an email address for automated alerts in case of call failures   The above will be configured at service profile level. Up to 5 callBack URLs /email IDs can be supported. You can subscribe and unsubscribe to the automated notifications at an order type level as well. |
| Authentication | Authentication is certificate based and Colt’s certificate needs to be configured at the customer end.  Colt’s certificate can be downloaded using Colt API end point. |
| Retry mechanism | Retry happens when Colt is not able to reach the customer end point.  Please find the service description below:   * All pending records for the same Service Profile will be marked internally at Colt as ‘pending’ and will be picked up again when scheduler service runs again. * When a call to the API endpoint is successful again, all pending records will be updated. * Customers will be notified the first time via email after three consecutive failures (i.e., after approximatively 15 minutes), then every six consecutive failures (i.e., approximatively every 30 minutes). * An update on pending records is available for records not older than 10 days.   In case of call failures and no customer update, Colt may turn off notification service on the customer’s behalf at the end of the next business day.  If the notification mode changes (i.e. from API Call Back to email notification), all pending records will not be processed through the new notification mode. |

### JSON Structure

Colt submits status updates using the following JSON structure:

|  |  |  |
| --- | --- | --- |
| JSON Message | Response | Example |
| {  “Country”: { string e.g.: FR, DE, GB, …},  "ServiceProfile": { string e.g.: ABC, B8Q …},  "transactionID": { string },  "parentTransactionID": { string },  "transactionType": { string },  "createdDate": { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z },  "transactionStatus" : { string },  "transactionDescription" : { string }  "portRejectionAndException" : { string },  "statusUpdatedDate" : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z },  “reportedDate” : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z }  "portRequestedDate" : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z }  "reservationRejectionReason" : null,  "usageType" : null,  "cliDetails" : [ {  "startFullNumber" : { string },  "endFullNumber" : { string }  } ],  "firstPossibleDate" : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z, only for NL}  "addressId" : { string },  "notes" : { string },  "automatedPP" : { string , only for NL },  "customerRef" : { string },  "portRequestedWindow" : { string },  “gainingOperator” : { string }  } | HTTP response status code: 2xx - success  Status response status code: other than 2xx - failure | {  "country" : "GB",  "serviceProfile" : "XXX",  "transactionId" : "44b796d9-1725-23a2-a6ef-466f80b02c24",  "transactionType" : "New Port In",  "creationDate" : "2021-03-26T08:31:50",  "transactionStatus" : "Submitted to operator",  "transactionDescription" : "Request submitted successfully. The status of your Port-In request will be updated.",  "portRejectionAndException" : null,  "statusUpdatedDate" : "2021-03-26T08:31:54.078Z",  "reportedDate" : "2021-03-26T08:32:42.242Z",  "portRequestedDate" : null,  "cliDetails" : [ {  "startFullNumber" : "+44208XXXXXXX",  "endFullNumber" : "+44208XXXXXXX"  } ],  "firstPossibleDate" : null,  "addressId" : "X-XAAXXA",  "notes" : null,  "automatedPP" : null,  "customerRef" : null,  "portRequestedWindow" : null,  “gainingOperator” : { string }  } |

### Sample responses

|  |
| --- |
| Activation completion response |
| {  "country" : "IE",  "serviceProfile" : "BE2",  "transactionId" : "6b820cdd-a93e-409d-889f-99b3383493a3",  "parentTransactionId" : null,  "transactionType" : "Number Activation",  "creationDate" : "2022-11-23T01:56:42",  "transactionStatus" : "Completed",  "transactionDescription" : "Request has been processed successfully.",  "customerRef" : "test knr",  "portRejectionCode" : null,  "portRejectionReason" : null,  "notes" : null,  "statusUpdatedDate" : "2022-11-23T02:01:44.811Z",  "reportedDate" : "2022-11-23T03:01:57.184Z",  "portRequestedDate" : null,  "portRequestedWindow" : null,  "firstPossibleDate" : null,  "reservationRejectionReason" : null,  "usageType" : null,  "cliDetails" : [ {  "startFullNumber" : "+35315883783",  "endFullNumber" : "+35315883783"  } ],  "addressId" : null,  "automatedPP" : null,  "gainingOperator" : null  } |

|  |
| --- |
| Child order completion response |
| {  "country" : "IE",  "serviceProfile" : "BE2",  "transactionId" : "07523c32-416b-44e6-919d-9c4b327091f5",  "parentTransactionId" : "4c073fea-a259-4faf-b040-418ad41d5c31",  "transactionType" : "Port Transaction Update",  "creationDate" : "2022-11-22T02:04:57",  "transactionStatus" : "Completed",  "transactionDescription" : "Transaction Data Update process is successful. Request has been processed successfully.The original transaction Id 4c073fea-a259-4faf-b040-418ad41d5c31 status has been updated as Firm order commitment.",  "customerRef" : null,  "portRejectionCode" : null,  "portRejectionReason" : null,  "notes" : null,  "statusUpdatedDate" : "2022-11-22T02:05:18.705Z",  "reportedDate" : "2022-11-22T02:36:17.188Z",  "portRequestedDate" : "2022-11-22T00:00:00.000Z",  "portRequestedWindow" : "0900-1100",  "firstPossibleDate" : null,  "reservationRejectionReason" : null,  "usageType" : null,  "cliDetails" : [ {  "startFullNumber" : "+35315899778",  "endFullNumber" : "+35315899778"  } ],  "addressId" : null,  "automatedPP" : null,  "gainingOperator" : null  } |

|  |
| --- |
| Port-In rejected response |
| {  "country" : "GB",  "serviceProfile" : "ANH",  "transactionId" : "d3c5210b-108d-45d9-a823-8fc6b4601049",  "transactionType" : "Port Transaction Update",  "creationDate" : "2022-06-16T08:19:12",  "transactionStatus" : "Completed",  "transactionDescription" : "Transaction Data Update process is successful. Request has been processed successfully. The original transaction Id d9683be1-7243-4cf6-96dd-fb84e20e4bee status has been updated as Rejected.",  "customerRef" : null,  "portRejectionCode" : "0032",  "portRejectionReason" : "Porting request out of current scope for Number Portability",  "notes" : null,  "statusUpdatedDate" : "2022-06-16T08:19:15.478Z",  "reportedDate" : "2022-11-22T11:31:19.640Z",  "portRequestedDate" : "2022-05-03T00:00:00.000+01:00",  "portRequestedWindow" : "0900-1100",  "firstPossibleDate" : null,  "reservationRejectionReason" : null,  "usageType" : null,  "cliDetails" : [ {  "startFullNumber" : "+442080000011",  "endFullNumber" : "+442080000011"  } ],  "addressId" : null,  "automatedPP" : null,  "gainingOperator" : null  } |

# **Address Validation and getLAC REST APIs**

Please refer to the OAS specification for address management in **APPENDIX A: API Specifications**.

## Address Validation

This section describes the API functions to validate an address.

**Please note:** *In Germany we have a very strict dependency between LAC and address. Also the emergency call routing is based on the address. LAC and emergency Routing code must be identified via the coordinates of the address. Colt will get the coordinates internally via address doctor ADv4 and will allow to fetch the valid Local Area Code.*

* ***validateAddress*** *REST API- returns geo coordinates (latitude/longitude) along with validated address in response. These coordinates can be used to fetch the validLAC using the fetchLACbyLocation API.*
* ***fetchLACbyLocation*** *REST API- Address is optional Germany but Geo Coordinates (will be returned in validateAddress API response) are required in the request to get the validLAC in response.*
* *AddressID returned in validGeographicAddress/validateAddress API response before 19th Oct release will be marked as Invalid. These addressID cannot be used post the release for activation/port-in/addressUpdates orders.*
* *If address is valid and LAC or coordinates are not returned in response, please reach out to us with the valid address details.*

### Description

*POST/validateAddress* API validates the address using country specific parameters.

### Input parameter(s)

Parameters vary depending on the country. Please find a summary below:

|  |  |
| --- | --- |
| Country | validateAddress Parameter(s) country wise |
| Austria, Denmark, , Germany, Netherlands, Sweden, UK | houseNumber, streetName, city, postalCode, Country |
| France | houseNumber, streetName, streetType, city, postalCode, poBoxNumber, Country |
| Belgium | houseNumber, addressExtension, streetName, subLocality, city, postalCode, Country |
| Italy | houseNumber, streetName, streetType, subLocality, province, city, postalCode, country |
| Portugal | houseNumber, streetName, city, postalCode, district(sublocality), country |
| Spain | houseNumber, streetName, streetType, province, city, postalCode, country |
| Switzerland | houseNumber, streetName, city, postalCode, Country |
| Ireland | houseNumber, streetName, sublocality, city, postalCode, county, Country |

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request Body** | | |
| floorNumber | Optional | floorSuiteType  string *maxLength: 50* |
| houseNumber | Mandatory | buildingNumberType  string *pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$ maxLength: 20* |
| buildingName | Optional | buildingNameType  string *maxLength: 55* |
| streetName | Mandatory | streetNameType  string *maxLength: 200* |
| city | Mandatory | cityTownType  string *maxLength: 100* |
| postalCode | Mandatory | postalZipCodeType  string *maxLength: 50* |
| country | Mandatory | Enum: GB, ES, FR, AT, BE, NL, IE, IT, SE, DK, PT, CH |
| streetType | Optional | streetTypeSchema  string *maxLength: 50* |
| province | Optional | provinceType  string *maxLength: 50* |
| houseNumberExtension | Optional | addressExtensionType  string *maxLength: 50* |
| sublocality | Optional | subLocalityType  string *maxLength: 70* |
| county | Optional | countyType  string *maxLength: 15* |
| poBoxNumber | Optional | poBoxNumberType  string maxLength: 50 |

### Response Schema

validateAddressResponse{

|  |  |
| --- | --- |
| validationDate | dateFormatstring($date) *example: 2019-05-17*  date time in ISO 8601 format |
| validationStatus | addressValidationStatusType  string  Enum: [ Valid, Invalid, Partial ] |
| geographicAddressList | addressListType[addressSchema{   |  |  | | --- | --- | | floorNumber | floorSuiteType  string | | houseNumber | buildingNumberType  string | | buildingName | buildingNameType  string | | department | departmentBranchType  string | | streetName | streetNameType  string | | City | cityTownType  string | | postalCode | postalZipCodeType  string | | country | countryCodeList  string  Enum: [ GB, ES, FR, DE, AT, BE, NL, IE, IT, SE, DK, PT, CH ] | | streetType | streetTypeSchema  string | | province | provinceType  string | | houseNumberExtension | addressExtensionType  string | | subLocality | subLocalityType  string | | addressID | stringLen20Type  string | | county | countyType  string | | poBoxNumber | poBoxNumberType  string | | latitude | geoCoordinateType  string *maxLength: 10* | | longitude | geoCoordinateType  string *maxLength: 10* |   }] |

}

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

### Sample request and response:

|  |  |
| --- | --- |
| Request | Response |
| {    "houseNumber": "20",    "buildingName": "COLT HOUSE",    "streetName": "GREAT EASTERN STREET",    "city": "LONDON",    "postalCode": "EC2A 3EH",    "country": "GB"  } | {      "validationDate": "03/25/2023 08:51:12",      "validationStatus": "Valid",      "geographicAddressList": [          {              "floorNumber": "",              "houseNumber": "20",              "buildingName": "COLT HOUSE",              "department": "",              "streetName": "GREAT EASTERN STREET",              "municipality": "",              "city": "LONDON",              "postalCode": "EC2A 3EH",              "country": "GB",              "streetType": "",              "province": "",              "houseNumberExtension": "",              "subLocality": "",              "addressID": "1-19IS5WN"          }      ]  } |

|  |  |
| --- | --- |
| **Request** | **Response** |
| {      "houseNumber": "224",      "streetName": "Kurfürstendamm",      "city": "Berlin",      "postalCode": "10719",      "country": "DE"  } | {      "validationDate": "09/25/2024 06:28:54",      "validationStatus": "Valid",      "geographicAddressList": [          {              "floorNumber": "",              "houseNumber": "224",              "buildingName": "",              "department": "",              "streetName": "KURFÜRSTENDAMM",              "municipality": "",              "city": "BERLIN",              "postalCode": "10719",              "country": "DE",              "streetType": "",              "province": "BERLIN",              "houseNumberExtension": "",              "subLocality": "CHARLOTTENBURG",              "addressID": "1-8TJ9QF",              "poBoxNumber": "",              "latitude": "52.503274",              "longitude": "13.329209"          }      ]  } |

## Get LAC by Location

This section describes the API functions to fetch a valid LAC.

Below parameters are required to fetch the LAC along with country code.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Country | Complete address | Coordinates | Postcode | City | Province | House Number |
| GB | - | - | Yes | - | - | - |
| Spain | - | - | Yes | Yes | - | - |
| Belgium | - | - | Yes | - | - | - |
| Netherlands | - | - | Yes | - | - | Yes |
| Ireland | - | - | - | Yes | - | - |
| Italy | - | - | - | Yes | Yes | - |
| Portugal | - | - | Yes | Yes | - | - |
| Sweden | - | - | Yes | - | - | - |
| Germany | Yes (Optional) | Yes | - | - | - |  |
| Austria, France, Denmark, Switzerland |  | Enter any parameter, all LACs will be returned | | | | |

### Description

*GET/LACByLocation* API to get address for given addressId

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  example: abcd456e-d45645-dfaafda-1232345667dd  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| Country | Mandatory | Available values : GB, ES, FR, DE, AT, BE, NL, IE, IT, SE, DK, PT, CH |
| houseNumber | Mandatory | String |
| houseNumberExtension | Optional | String |
| streetName | Mandatory | String |
| Province | Optional | String |
| City | Optional | String |
| postalCode | Optional | String |
| latitude | Mandatory | String  Required for DE only |
| longitude | Mandatory | String  Required for DE only |

### Response schema

LACDetailsType{

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| geoLACList | geoLACListType[geoLACType{   |  |  | | --- | --- | | areaName | areaNameType  string | | areaCodeList | areaCodeListType  string pattern: ^[0-9]{1,6}$] |   }] |
| nomadicLACList | nomadicLACListType  [nomadicLACType  string] |
| addtionalInfo | stringLen2048Typestring maxLength: 2048 |

}

‘additionalInfo’ will return comments from Colt if you’re trying to find a LAC which is valid but available for Wholesale SIP (Number Hosting).

**Headers:**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| Content-Type |  | string |
| APIGWTrackingId | Id to track the request end to end | string Example: abcd456e-d45645-dfaafda-1232345667dd |

### Sample response:

{

    "geoLACList": [

        {

            "areaCodeList": [

                "010"

            ]

        }

    ],

    "nomadicLACList": [

        "085"

    ]

}

## Get address{addressID}

This section describes the API functions to get a validated address for an addressID.

### Description

*GET/address/{addressId}* API to get address for a given addressId

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| Header | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  example: abcd456e-d45645-dfaafda-1232345667dd  pattern: ^[\w.~:@-]{1,255}$ |
| Query | | |
| addressID | Mandatory | Validated address ID to be provided here |
| Country | Mandatory | Available values : GB, ES, FR, DE, AT, BE, IE, IT, SE, DK, PT, CH |

### Response Schema

addressSchema{

|  |  |
| --- | --- |
| floorNumber | floorSuiteType  string maxLength: 50 |
| houseNumber | buildingNumberType  string pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$ maxLength: 20 |
| buildingName | buildingNameType  string maxLength: 55 |
| streetName | streetNameType  string maxLength: 200 |
| city | cityTownType  string maxLength: 100 |
| postalCode | postalZipCodeType  string maxLength: 50 |
| country | countryCodeList  string  Enum: [ GB, ES, FR, DE, AT, BE, IE, IT, SE, DK, PT, CH ] |
| streetType | streetTypeSchema  string maxLength: 50 |
| province | provinceType  string maxLength: 50 |
| houseNumberExtension | addressExtensionType  string maxLength: 50 |
| subLocality | subLocalityType  string maxLength: 70 |
| addressID | stringLen20Type  string maxLength: 20 |
| county | countyType  string maxLength: 15 |
| poBoxNumber | poBoxNumberType  string maxLength: 50 |
| latitude | geoCoordinateType  string *maxLength: 10* |
| longitude | geoCoordinateType  string *maxLength: 10* |
|  |  |

}

**Headers:**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| Content-Type |  | string |
| APIGWTrackingId | Id to track the request end to end | string Example: abcd456e-d45645-dfaafda-1232345667dd |

### Sample Response

{

    "floorNumber": "",

    "houseNumber": "5",

    "buildingName": "",

    "department": "",

    "streetName": "DU NORD",

    "municipality": "",

    "city": "LE RAINCY",

    "postalCode": "93340",

    "country": "FR",

    "streetType": "BOULEVARD",

    "province": "SEINE SAINT DENIS",

    "houseNumberExtension": "",

    "subLocality": "",

    "addressID": "1-13OZ91D"

}

# **APPENDIX A: API Specifications**

## OAS Specification for Authorization

|  |  |
| --- | --- |
| Type | Attachment |
| YAML |  |

## OAS Specification for functional Wholesale SIP (Number Hosting) APIs

|  |  |
| --- | --- |
| Type | Attachment |
| YAML |  |

## OAS Specification for Address Management APIs

|  |  |
| --- | --- |
| Type | Attachment |
| YAML |  |

## OAS Specification for VAT, CIF/NIF validation APIs

|  |  |
| --- | --- |
| Type | Attachment |
| YAML |  |

# **APPENDIX B: Spain Regulatory Number Management**

## Spanish Numbering Plan for LACs starting with ‘8’

|  |  |
| --- | --- |
|  | Geo Nomadic Numbers |
|  | Geo Numbers |
|  | NA |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Spain Numbering plan with LAC starting with '8'** | | | | | | | | | | | |
| **Zona Provincial** | **Indicativos/ Local Area Code (1st 3 digits of number)** | **4th digit of number** | | | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 01 - Araba/Álava | 845 |  |  |  |  |  |  |  |  |  |  |
| 02 - Albacete | 867 |  |  |  |  |  |  |  |  |  |  |
| 03 - Alicante/Alacant | 865 |  |  |  |  |  |  |  |  |  |  |
| 04 - Almería | 850 |  |  |  |  |  |  |  |  |  |  |
| 05 - Ávila | 820 |  |  |  |  |  |  |  |  |  |  |
| 06 - Badajoz | 824 |  |  |  |  |  |  |  |  |  |  |
| 07 - Balears, Illes | 871 |  |  |  |  |  |  |  |  |  |  |
| 08 - Barcelona | 830 |  |  |  |  |  |  |  |  |  |  |
| 09 - Burgos | 847 |  |  |  |  |  |  |  |  |  |  |
| 10 - Cáceres | 827 |  |  |  |  |  |  |  |  |  |  |
| 11 - Cádiz & 51-Ceuta | 856 |  |  |  |  |  |  |  |  |  |  |
| 12 - Castellón/Castelló | 864 |  |  |  |  |  |  |  |  |  |  |
| 13 - Ciudad Real | 826 |  |  |  |  |  |  |  |  |  |  |
| 14 - Córdoba | 857 |  |  |  |  |  |  |  |  |  |  |
| 15 - Coruña, A | 881 |  |  |  |  |  |  |  |  |  |  |
| 16 - Cuenca | 869 |  |  |  |  |  |  |  |  |  |  |
| 17 - Girona | 872 |  |  |  |  |  |  |  |  |  |  |
| 18 - Granada | 858 |  |  |  |  |  |  |  |  |  |  |
| 19 - Guadalajara | 849 |  |  |  |  |  |  |  |  |  |  |
| 20 - Gipuzkoa | 843 |  |  |  |  |  |  |  |  |  |  |
| 21 - Huelva | 859 |  |  |  |  |  |  |  |  |  |  |
| 22 - Huesca | 874 |  |  |  |  |  |  |  |  |  |  |
| 23 - Jaén | 853 |  |  |  |  |  |  |  |  |  |  |
| 24 - León | 887 |  |  |  |  |  |  |  |  |  |  |
| 25 - Lleida | 873 |  |  |  |  |  |  |  |  |  |  |
| 26 - Rioja, La | 841 |  |  |  |  |  |  |  |  |  |  |
| 27 - Lugo | 882 |  |  |  |  |  |  |  |  |  |  |
| 28 - Madrid | 810 |  |  |  |  |  |  |  |  |  |  |
| 29 - Málaga & 52-Melilla | 851 |  |  |  |  |  |  |  |  |  |  |
| 30 - Murcia | 868 |  |  |  |  |  |  |  |  |  |  |
| 31 - Navarra | 848 |  |  |  |  |  |  |  |  |  |  |
| 32 - Ourense | 888 |  |  |  |  |  |  |  |  |  |  |
| 33 - Asturias | 884 |  |  |  |  |  |  |  |  |  |  |
| 34 - Palencia | 879 |  |  |  |  |  |  |  |  |  |  |
| 35 - Palmas, Las | 828 |  |  |  |  |  |  |  |  |  |  |
| 36 - Pontevedra | 886 |  |  |  |  |  |  |  |  |  |  |
| 37 - Salamanca | 823 |  |  |  |  |  |  |  |  |  |  |
| 38 - Santa Cruz de Tenerife | 822 |  |  |  |  |  |  |  |  |  |  |
| 39 - Cantabria | 842 |  |  |  |  |  |  |  |  |  |  |
| 40 - Segovia | 821 |  |  |  |  |  |  |  |  |  |  |
| 41 - Sevilla | 854 |  |  |  |  |  |  |  |  |  |  |
| 42 - Soria | 875 |  |  |  |  |  |  |  |  |  |  |
| 43 - Tarragona | 877 |  |  |  |  |  |  |  |  |  |  |
| 44 - Teruel | 878 |  |  |  |  |  |  |  |  |  |  |
| 45 - Toledo | 825 |  |  |  |  |  |  |  |  |  |  |
| 46 - Valencia/Valéncia | 860 |  |  |  |  |  |  |  |  |  |  |
| 47 - Valladolid | 883 |  |  |  |  |  |  |  |  |  |  |
| 48 - Bizkaia | 846 |  |  |  |  |  |  |  |  |  |  |
| 49 - Zamora | 880 |  |  |  |  |  |  |  |  |  |  |
| 50 - Zaragoza | 876 |  |  |  |  |  |  |  |  |  |  |

Here if LAC is 877 and 4th Digit is

0 then Number is considered as Geo Number.

1 then Number is considered as Geo Nomadic Number.

2 then Number is considered as Geo Number.

3 then Number is Invalid

4 then Number is considered as Geo Number.

5 then Number is Invalid

6 then Number is considered as Geo Number.

7 then Number is Invalid

8 then Number is Invalid

9 then Number is considered as Geo Number.

## List of Spanish Provinces with LAC

|  |  |  |
| --- | --- | --- |
| List of Spanish provinces with LAC | | |
| Zona Provincial | **Indicativos/Local Area Code (1st 3 digits of number)**  a= 5,6 b= 4,5 c= 1,2 d=4,5 e= 0,1,2,3 f= 4,6  g= 0,1,2,3,4,5,6,7,8 h= 0,1,2,3,4,5,6,7,8,9 | |
| **LAC starting with 8** | **LAC starting with 9** |
| 01 - Araba/Álava | 845 | 945 |
| 02 - Albacete | 867 | 967 |
| 03 - Alicante/Alacant | 86a | 96a |
| 04 - Almería | 850 | 950 |
| 05 - Ávila | 820 | 920 |
| 06 - Badajoz | 824 | 924 |
| 07 - Balears, Illes | 871 | 971 |
| 08 - Barcelona | 830 | 93g |
| 09 - Burgos | 847 | 947 |
| 10 - Cáceres | 827 | 927 |
| 11 - Cádiz | 856 | 956 |
| 12 - Castellón/Castelló | 864 | 964 |
| 13 - Ciudad Real | 826 | 926 |
| 14 - Córdoba | 857 | 957 |
| 15 - Coruña, A | 881 | 981 |
| 16 - Cuenca | 869 | 969 |
| 17 - Girona | 872 | 972 |
| 18 - Granada | 858 | 958 |
| 19 - Guadalajara | 849 | 949 |
| 20 - Gipuzkoa | 843 | 943 |
| 21 - Huelva | 859 | 959 |
| 22 - Huesca | 874 | 974 |
| 23 - Jaén | 853 | 953 |
| 24 - León | 887 | 987 |
| 25 - Lleida | 873 | 973 |
| 26 - Rioja, La | 841 | 941 |
| 27 - Lugo | 882 | 982 |
| 28 - Madrid | 810 | 91h |
| 29 - Málaga | 85c | 95c |
| 30 - Murcia | 868 | 968 |
| 31 - Navarra | 848 | 948 |
| 32 - Ourense | 888 | 988 |
| 33 - Asturias | 88b | 98b |
| 34 - Palencia | 879 | 979 |
| 35 - Palmas, Las | 828 | 928 |
| 36 - Pontevedra | 886 | 986 |
| 37 - Salamanca | 823 | 923 |
| 38 - Santa Cruz de Tenerife | 822 | 922 |
| 39 - Cantabria | 842 | 942 |
| 40 - Segovia | 821 | 921 |
| 41 - Sevilla | 85d | 95d |
| 42 - Soria | 875 | 975 |
| 43 - Tarragona | 877 | 977 |
| 44 - Teruel | 878 | 978 |
| 45 - Toledo | 825 | 925 |
| 46 - Valencia/Valéncia | 86e | 96e |
| 47 - Valladolid | 883 | 983 |
| 48 - Bizkaia | 84f | 94f |
| 49 - Zamora | 880 | 980 |
| 50 - Zaragoza | 876 | 976 |
| 51-Ceuta | 856 |  |
| 52-Melilla | 851 |  |

Here if LAC is ‘86a’ ,’96**a’** and **a**=5,6 then applicable LACs are ‘865’, ‘866’, ‘965’ and ‘966’.

# **APPENDIX C: EEA Country Code List**

Below are the country codes for each EEA country. This is applicable only for NL under end customer address and LAC validation will be skipped if country entered is other than NL.

|  |  |
| --- | --- |
| EEA Country | Country code |
| **Austria** | AT |
| **Belgium** | BE |
| **Bulgaria** | BG |
| **Croatia** | HR |
| **Cyprus** | CY |
| **Czech Republic** | CZ |
| **Denmark** | DK |
| **Estonia** | EE |
| **Finland** | FI |
| **France** | FR |
| **Germany** | DE |
| **Greece** | GR |
| **Hungary** | HU |
| **Iceland** | IS |
| **Ireland** | IE |
| **Italy** | IT |
| **Latvia** | LV |
| **Liechtenstein** | LI |
| **Lithuania** | LT |
| **Luxembourg** | LU |
| **Malta** | MT |
| **Netherlands** | NL |
| **Norway** | NO |
| **Poland** | PL |
| **Portugal** | PT |
| **Romania** | RO |
| **Slovakia** | SK |
| **Slovenia** | SI |
| **Spain** | ES |
| **Sweden** | SE |
| **Switzerland** | CH |
| **United Kingdom** | GB |

# **APPENDIX D: Error Codes**

Below are the error codes which comes as the part of API response

|  |  |  |
| --- | --- | --- |
| Error Code | Description | Next Step |
| 200 | Success | Order ID is successfully generated- no further action required |
| 400 | Bad request | Request was not successful because of any one of the reasons below:   * Check the request submitted as per the validation error received and resubmit the request. * Header or body parameter or Query parameter or API GW tracking ID is missing. Please check and resubmit your request. |
| 401 | Unauthorized | Request was not authorized because of any one of the reasons below:   * Either Access token is not valid or has expired. * CLIENT ID and CLIENT Secret or Application ID is not valid   Please check the above and resubmit the request. |
| 403 | Forbidden | Application has been identified but it is currently suspended. Please contact Colt’s support team. |
| 404 | Not found | Resource not found. Please check and resubmit the request. |
| 405 | Method not allowed | Entered method (GET/POST) is not correct. Please check and resubmit the request. |
| 406 | Not allowed | Request not allowed. Please check and resubmit the request or contact Colt’s support team. |
| 413 | Payload too large | The size of response is too large. Please contact Colt’s support team. |
| 415 | Unsupported media type | Please provide the correct content type and resubmit the request. |
| 429 | Too many requests | Total number of invocations has reached the maximum limit. Please retry after some time. |
| 500 | Internal server error | This is an intermittent issue. Please retry to submit the request. |
| 503 | Service Unavailable | Please try accessing this API after some time. |
| 504 | Gateway Timeout | Please try accessing this API after some time. |

# **APPENDIX E: Attachments in API request**

In API we have fields to upload documents. Post the submission of request Colt will create the doc with filename and content provided by you in the request and send it to respective teams in Colt as attachment.

**FileName**  <user to enter the document name. Accepted file formats: .doc/.DOC, .docx/.DOCX, .pdf/.PDF>

**FileContent** <user to add the file content: encode PDF/DOC file to plain text-Base64 >

|  |  |  |
| --- | --- | --- |
| Country | Field name | API |
| FR | **triPartyAgreementType** | *numberCollectionActivation*  *numberCollectionUpdateCustomerDetails* |
| fileName | documentNameType  string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| fileContent | string($base64) maxLength: 5242880  5MB |
| All | **portAttachment** | *numberCollectionPortIn*  *numberCollectionPortOrderUpdate* |
| letterOfAuthorityFileName | documentNameType  string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| letterOfAuthorityFileContent | string($base64) maxLength: 5242880  5MB |
| invoiceDocumentFileName | documentNameType  string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| invoicedocumentFileContent | string($base64) maxLength: 5242880  5MB |
| supplementaryDocumentFileName | documentNameType  string pattern: *^.\*((\.docx$)|(\.pdf$)|(\.doc$)|(\.csv$))* |
| supplementaryFileContent | string($base64) maxLength: 5242880  5MB |
| NL | **portAttachment** | *numberCollectionPortIn* |
| regulatoryAssignmentFileName | documentNameType  string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| regulatoryAssignmentFileContent | string($base64) maxLength: 5242880  5MB |