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**Colt Wholesale SIP (Number Hosting)**

**SOAP APIs Guide**

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Implementation Guide

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[Document](file:///\\\\ULVMCTMFIL104\\DESKTOP104A\\YChoudhary\\Desktop\\guidesssssss\\Web_Manager_User_Guide_Number_Hosting_UK_v1.3.doc" \l "_Table_Of_Contens) History

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**Revision history**

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| --- | --- | --- |
| Revision | Date | Description |
| **1.0** | March 28, 2020 | Document creation:   * Merge of ‘API guide 2.0’ and ‘Colt Number Hosting Solution Guide v3.0’. |
| **1.1** | July 9, 2020 | Document updates:   * New DSU fields in SE & ES for activation, new Port-In & update operations * Address fields updates in SE & ES for activation, new Port-In & update operations * Support of partial address update for ported-in numbers for Premium offer * WSDL URL correction |
| **1.2** | September 2, 2020 | Document updates:   * End point URL correction in section 2.3 * Update of country code from ‘UK’ to ‘GB’ * Updated porting status from Expired to Delayed in section 6.1.3 |
| **1.3** | October 10, 2020 | Document updates:   * Added new API validGeographicAddress API in section 2.4 * Updated section 3.4 and 3.5 for BE * Updated section 4.4 for BE,ES and SE * Updated section 5.1 for ES, SE and BE * Updated section 7.6 for BE |
| **1.4** | January 23, 2021 | Document updates:   * Rebranding * Updated description for ‘Customer Type’ field in section 3.4.1 * Added example for validateGeographicAddress REST JSON API in section 5.1 * Updated ‘Operator List’ in section 6.2.1 * Updated country details for Single/Multiline in section 6.2.1 * Updated ‘Notes’ details in sections 6.2.2, 6.3.4 and 6.3.5 * Updated ‘allowed file type’ for LOA and invoice in section 6.2.2 and 7.8.4 * Updated description for ‘Port not initiated’ status in section 7.8.1 * Added Appendix A for Operator List |
| **1.5** | May 22, 2021 | Document updates:   * Updated information for Italy and Portugal in sections 3.5 and 7.6 * Updated E164 number format in section 3.3 * Updated Germany ‘originalRangeHolder’ in section 6.2.1 * Updated JSON structure * Updated to add XSD links |
| **1.6** | July 31, 2021 | Document updates:   * Updated information for NL recent changes in sections 3.5 and 7.6 * Updated information for ES Regulatory Number Management changes in sections 5.2, 5.6, 7.5 and 8.1 * Updated two fields in callback API response structure- ‘Usage Type’ and ‘reservationRejectionReason’ in section 9.3 * Added additional column (API type) information about decommissioned APIs in section 2.4 * Updated available APIs in section 2.7 * Updated values in section 2.9 * Updated table with decommissioned API details in section 5.1 * Added Ireland in the list of countries which do not provide Nomadic LACs in section 5.3 * Added new section 5.4 for Germany-Nomadic Number search * Updated attachment section for FR, IT, PT and CH in section 6.2.2 * Updated APPENDIX A: XSDs with new XSDs * Added sections 1.4.3 & APPENDIX B: Spain Regulatory Number Management for recent ES changes |
| **1.7** | Oct 23, 2021 | Document updates:   * Updated section 6 as per latest release details: new porting attachment, existing Invoice attachment extension to other countries, allowed ranges per country per porting order * Updated section 2.3 with validGeographicAddress REST API details * Updated APPENDIX A: XSDs with new XSDs |
| **1.8** | Feb 5, 2022 | Document updates:   * Updated section 3.4.2, 3.5,6.2.1 and 7.6 regarding 5th Feb releases changes (IT and GB EDB and DS details , NL Country field introduction in end customer address and ‘contract’ field for NL porting * Updated sections 4.1, 4.4 and 8.2 regarding Port-In reactivation (not available for DE) * Updated APPENDIX A: XSDs with new XSDs * Added new section APPENDIX C: UK Operator list * Added new section APPENDIX D: EEA Country Code List |
| **1.9** | June 11, 2022 | Document updates to reflect 11th June release:   * Updated (sections 3.4, 3.4.1, 3.4.2 and 7.6 with BE EDB/DS details, section 6.2.1 with mainBillingNumber changes, 6.2.3 with ‘optional’ validation of porting contact details and 6.2.4 with OOH porting windows charges) * Updated sections1.1, 2.3 and 2.4 with REST API details * Updated section 2.3 updated with version change for REST APIs * Updated section 4.2 **Error! Reference source not found.** with other number status available * Updated APPENDIX A: XSDs with new XSDs * Refreshed APPENDIX C: UK Operator list |
| **2.0** | June 23, 2022 | Document updates to reflect 23rd July 2022 release:   * Updated ( sections 4.1, 8.1 and 8.2) regarding Port-In quarantined status and Port-In reactivation for applicable countries * Updated NL Admin address details in section 6.2.1 * Updated section 7.3 with new change getTelephoneNumberHistory API * Updated APPENDIX A: XSDs with new XSDs |
| **2.1** | Sept 24, 2022 | Document updates to reflect 24th September 2022 release:   * Updated IE EDB DS changes in sections **3.5**, **5.1**, **7.6** * Updated DS details for address update node in section **7.6** * Updated section **3.5** with GB change Premises Number and Building Name (now optional fields) * Updated section **9.1** with new field in response ‘parentTransactionID’ for child orders * Updated **APPENDIX A: XSDs** with new XSDs |
| **2.2** | Nov 26, 2022 | Document updates to reflect 26th November 2022 release:   * Document renamed from ‘Colt Voice API Guide 2.1’ to ‘Colt Number Hosting SOAP API Guide 2.2’ * **Section 1.2** updated with other documentations available for APIs * **Sections** 1.4.4**, 5.3, 6.2** updated with FR regulatory changes * **Section 2.4** updated with new API details * **Section 2.8** updated country list with PREMIUM services * **Sections** 3.1**, 3.3, 3.4, 3.5, 6, 7** updated with new country list * **Section 9.3** updated with new field 'parentTransactionID', added new sample responses |
| **2.3** | Jan 21, 2023 | Document updates to reflect below changes:   * Sections 2.4 and 2.5 added in the guide for REST API releases and to reflect decommissioning plan. * Updated sections 1.4.4, 5.6 and 7.6 with ‘Tri-party agreement’ details as per 21st Jan release. |
| **2.4** | Mar 25, 2023 | Document updates to reflect 25th March 2023 release:   * Section 1.2- updated version number of documentations * Section 2.3- updated with new address management REST API * Section 2.4 and 2.5- updated release details (target dates) * Section 2.6 – updated with new REST APIs * Section 3.2- updated target date for Romania and Poland * Section 3.3- updated regarding the support of E164 format only for number input * NL changes are highlighted in sections: 3.5, 5.1, 6.2.1, 7.5,7.5.1, 7.6, 9.2.2, 9.3.1,10.1.2 * Section 4 updated with new number status, updated number lifecycle, ‘REMOVE’ action will no longer be supported * Section 5.3 updated with country List- PT will now offer Nomadic LAC * Section 6.2.1- updated to reflect the mandatory current operator field validation * Section 7.1- updated with all applicable cli status for numberEnquiry API * Section 7.5and 7.6 with new information about address and DS updates * Section 8- updated with new Port-out order and number lifecycle * Section 9.2.3- updated with partial deactivation rules * Section 10.1.2 and 5.2.3 – updated with new samples * **APPENDIX A: XSDs** updated with updated XSDs |
| **2.5** | July 22, 2023 | Document updates to reflect 22nd July 2023 release:   * Section 1.2- updated version number of documentations * Section 2.4 - updated release details (target dates) * Section 3.2 updated with Poland and Romania -ready for service * Sections 3.4, 3.5, 5.1.2 updated with FR changes * Section 6.2.1 updated with new optional portin field for BE * Section 5.3.2 updated with NL Nomadic number search type and category changes * Sections 7.6 updated with removal of DS field for IE * Sections 6.1.1, 6.1.3, 6.1.4 updated with new portIn status * **APPENDIX A: XSDs** updated with updated XSDs * **APPENDIX E: Attachments in API request** added in the document |
| **2.6** | Sept 23, 2023 | Document updates to reflect 23rd Sept 2023 release:   * Section 1.2- updated version number of documentations * Section 2.6 updated with new REST API details * Section 3.5 updated with CH new ‘orientationNumber’ field and UK ‘streetNumber’ field validation changes * Section 6.2.1 and 8.1.1 updated with additional info about NL port-in/out * Section 6.2.1 updated with Main billing number change for GB * **APPENDIX A: XSDs** updated with updated XSDs |
| **2.7** | Dec 2, 2023 | Document updates to reflect 2nd Dec 2023 release:   * Section 1.2- updated version number of documentations * Section 2.4 - updated release details (target dates) * Section 2.6 updated with new REST API details * Sections 4.1, 4.4, 9.2.5, 9.3.3 updated with IT port-in deactivation/reactivation changes * Section 6.1.3 updated with NL 088 numbers portin/out process * Section 6.2.1 and 8.1.1 updated with additional info about NL port-out when contract type is received as ‘Continuation’ * Section 7.5.1 updated with additional information about CIF/NIF field in Spain * **APPENDIX A: XSDs** updated with updated XSDs |
| **2.8** | Mar 16, 2024 | Document updates to reflect 16th March 2024 release:   * Section 1.2- updated version number of documentations * Section 2.4 - updated release details (target dates) |
| **2.9** | May 18, 2024 | Document updates to reflect 18th May 2024 release:   * Section 1.2- updated version number of documentations * New Sections added: 1.4.5 – mandatory VAT validation in ES & PT , 1.4.6- Austria numbering details, 1.4.7 – FR RIO Code * Section 2.4 - updated release details (target dates) * Section 2.6 updated with new REST API details * Sections 3.5 and 7.5 updated with CH EDB/DS details * Section 5.2 updated with free number search for LU * Section 5.3 updated with free nomadic number search for Zone B countries * Section 6.1.2 , 6.2.2 and 9.2.2 updated with NL 088 numbers * Section 7.4 updated regarding DE Number Detail API * **APPENDIX A: XSDs** updated with updated XSDs |
| **3.0** | July 20, 2024 | Document updates to reflect 20th July 2024 release:   * Section 1.2- updated version number of documentations * New Sections added: 1.4.8 – UK new feature ‘Pre-order Validation’ * **APPENDIX A: XSDs** updated with updated XSDs |
| **3.1** | Oct 19, 2024 | Document updates to reflect 19th Oct 2024 release:   * Section 1.2- updated version number of documentations * Section 2.5- updated with API decommissioning dates * Sections 1.4.3, 5.6.1, 7.1 and APPENDIX D: Attachments in API request updated with ES regulatory change * Section 1.4.5 updated with information regarding Vies API * Sections 3.5, 7.5.1, 7.6 updated with AT address and DS details * Section 5.1 updated with DE coordinates information required for getting validLAC * Section 8 updated with change in DE port out process for Registered resellers * Section 7.1 updated with details regarding change in order description in case of emergency database update failure and new rejection code/reason * **APPENDIX A: XSDs** updated with updated XSDs |
| 3.1 | Jan 11, 2025 | Document updates to reflect 11th Jan 2025 release highlighted in red:   * Section 2.3 updated with new REST API details * Section 1.2- updated version number of documentations * Section 2.4 and 2.5- updated with API decommissioning dates * Section 5.2.2 updated with Poland block size change * **APPENDIX A**: XSDs updated with updated XSDs |
| 3.2 | Mar 8, 2025 | Document updates to reflect 8th Mar 2025 release highlighted in red:   * Section 2.3 updated with new REST API details * Section 1.2- updated version number of documentations * Sections - updated 1.4.7, 6.2.2 and **APPENDIX D: Attachments in API request** with FR RIO code details and supplementary document file format updated (to accept .csv file for RIO code file upload) * Section 3.5 updated with Portugal address fields update. * Section 4 updated with new number status * **APPENDIX A: XSDs** updated with updated XSDs |

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# Introduction

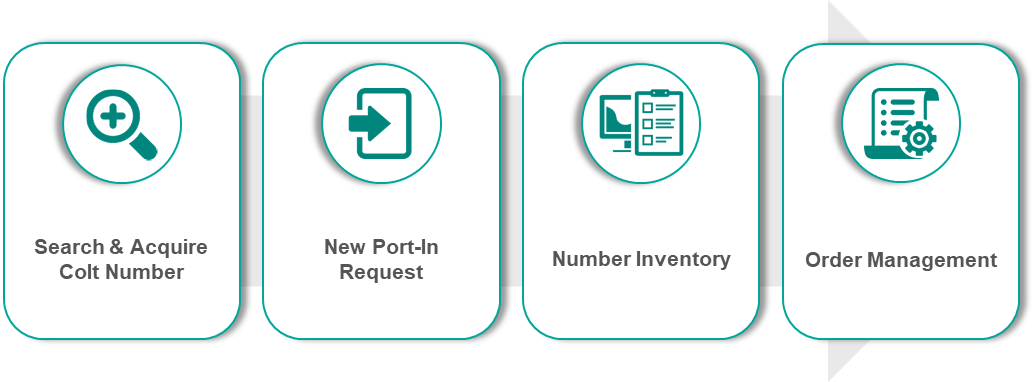
If you are a Cloud Provider or a reseller and looking for a SIP Trunking solution with numbers then Wholesale SIP (Number Hosting) is for you.. You can expand your offering to include fully regulatory compliant Voice with PSTN break out by implementing carrier-grade SIP interconnect between your network 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 SOAP APIs. For REST API details, please refer to *Colt Number Hosting REST API Guide.*

After short introduction and general principles being explained, this guide will follow the below structure:



## Product Documentation

This guide shall 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 |
| Colt Voice number Hosting API Samples | API sample document | 1.1 |
| REST API CDR Guide | Describes Billing REST APIs | 1.3 |
| REST API Number Hosting Guide | Describes Number Hosting REST APIs | 2.5 |

## Number Coverage & Offering

Please check Service Matrix & Geo coverage files for number type 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 block greater than 100, 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.

### Portugal: Reselling is allowed or use of the Tri-Party Agreement

Reselling of Colt’s Number Hosting service is allowed in Portugal and you can notify your ECS activity to Anacom, the national Regulator. Please ask your Account Manager for a copy of the reseller agreement or an amendment agreement if you have a MSA.

The alternative is to continue to use the tri-party agreement. 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 transaction ID before the end-customer assignment. Order without Tri-Party Agreement will be rejected or reverted.

### 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

#### 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 | 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 | 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 Number Hosting APIs & Numbers on Demand is covered in the table below, which went live on 26th Nov ahead of the regulatory deadline:-

|  |  |
| --- | --- |
| Functionality | Changes |
| 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 for Port-In orders raised after 26th Nov release. |

### 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 added- “vatRegistered” as an optional parameter in below APIs with accepted values as ‘Yes’ and ‘No’:
* numberActivation
* updateEndCustomerAddress
* portin

Vies API will validate VAT/NIF for PT.

Vies API will validate VAT/CIF/NIF + customer name for ES.

### 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 Wholesale SIP (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.

Idle session timeout for API is 10min. Server rejects any request that includes a cookie identifying an expired or invalid session, even if the request includes valid user credentials.

# **Colt Voice B2B APIs**

## Standard

Colt APIs are based on **XML standard** and **REST JSON**. All interfaces are synchronous SSL based security connection.

API Call Back is made **using REST JSON**.

## Authentication mechanism

Authentication Mechanism is based on **User** and **Password**. Both will be provided by Colt during API access creation and will cover all your Service Profiles.

## Access & End-Point URLs

Colt APIs can be enabled in the below environments:

* Production: live environment. Network, billing & emergency services are enabled.
* Sandbox: none-production environment made for testing, with production version of APIs. Network, billing & emergency services are not enabled.
* Beta: none-production environment made for testing of new features before release, with upcoming version of APIs. Only available before new releases. Network, billing & emergency services are not enabled.

Colt Production APIs are accessible via the below interfaces:

|  |  |
| --- | --- |
| Interface | Production |
| **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 |
| **REST** | **Authorization**  end point: <https://apimgd01.colt.net/oauth/v2>  Resource: resource name |
| **REST** | **Billing APIs**  End point: <https://apimgd01.colt.net:8443/usageManagement/v1>  Resource: resource name |
| **REST** | **Number Management APIs (NH REST APIs)**  End point: <https://apimgd01.colt.net/numberManagement/v2>  Resource: resource name |
| **REST** | **Address Management APIs (NH REST APIs)**  End point: <https://apimgd01.colt.net/AddressManagement/v1>  Resource: resource name |
| **REST** | **VAT, CIF/NIF validation**  End point: <https://apimgd01.colt.net/common-services/v1>  Resource: /check-vat-number |
| **REST (APIGEE)** | **Authentication API (OAuth 2.0)**  end point: <https://apis.colt.net/authentication>  Resource: resource name |
| **REST (APIGEE)** | **numberManagement APIs (NH REST APIs)**  End point: <https://apis.colt.net/numberManagement>  Resource: resource name |
| **REST (APIGEE)** | **Address management APIs**  end point: <https://apis.colt.net/addressManagement>  Resource: resource name |
| **REST (APIGEE)** | **VAT, CIF/NIF validation**  End point: [https://apis.colt.net/](https://apis.colt.net/numberManagement)common-services  Resource: resource name |
| **REST** | **Billing APIs**  End point: [https://apis.colt.net/](https://apis.colt.net/numberManagement)usageManagement  Resource: resource name |

|  |
| --- |
| **HTTPS examples**   * <https://wbmdmzis02.colt.net/invoke/ColtNumberHosting.common.http/numberEnquiry> * <https://wbmdmzis02.colt.net/invoke/ColtNumberHosting.common.http/numberActivation> |

## REST API releases

Please refer to the target release plan for REST APIs below. 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

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | **Decommissioning of REST APIs**   * *v1 of Authorisation API - decommissioned on 25th March 2023.* * *the decommissioning of these REST APIs are planned for Q1 2026. Please plan your movement to new APIGEE REST APIs by March 2026.* * *the decommissioning of validGeographicAddress REST API will happen in 2027. Till then this API will continue to run in parallel with new validLAC and validateAddress REST APIs* |

## Number Hosting 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 as per the table above (these are target decommissioning dates). * Wholesale SIP (Number Hosting) APIs will be available on APIGEE platform now along with the Address Management + CDR APIs. More details is shared in Jan 2025 release notes. * Movement to APIGEE needs to be completed by Mar 2026 |

## List of 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 [transactionID]

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

transactionID follows the below pattern and format:

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

| Résultat de recherche d'images pour "important message icon" | * portIn & portOut orders: Colt will return a first transactionID, also named ‘Parent Transaction ID’. Please always track this ID to get the latest updates of your order. |
| --- | --- |

## Order Status [transactionStatus]

Your transaction will have a status [**transactionStatus**], 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 *transactionStatus* and description:

|  |  |  |
| --- | --- | --- |
| transactionStatus | 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 business error, occurs when you have submitted incorrect information. | Please have a look to 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 [customeRef]

**customerRef** 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):

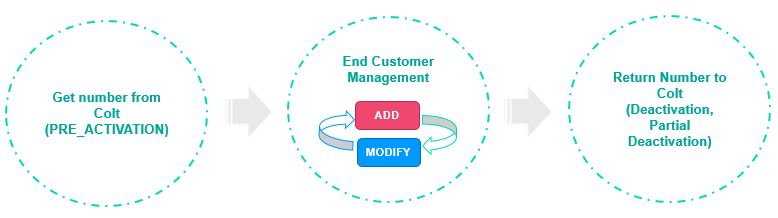
* + numberReservation,
  + numberActivation
  + newPortIn

## 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. * Available in all countries except DE. * Partial Deactivation is not supported in DE, IT, CH and zone B countries |
| --- | --- |

## Bulk API [bulkNhTransactions]

The *bulkNhTransactions* API allows you to place bulk request for:

* Activation,
* NewPortIn,
* EndCustomerAddressUpdate.

Please refer to Service Matrix for additional information about bulk capabilities.

## 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):

* numberActivation
* portIn
* updateEndCustomerAddress

| Résultat de recherche d'images pour "important message icon" | * subResellerID is not available in FR, IT, PT(3), meaning you must own the relationship with the end-customer. |
| --- | --- |

## Portugal: Colt CVP [additionalCustRef2]

Colt will return you the ‘Colt CVP’ in **additionalCustRef2** field of *getTransactionDetails* 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

# **API Request Structure**

API structure can be summarized as per the below:

* Header (serviceHeader & resellerProfile)
* Telephone Number
* End-Customer Detail
* Emergency Address
* Port-In Detail
* Phonebook Publication

All sections are not applicable in all API calls.

The following chapters will provide you with a comprehensive description of each section and where these are used.

## Fields Value, Validation, Type & Country Application

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

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

Service Matrix follows the same structure as the guide.

## serviceHeader & resellerProfile

Below parameter(s) from [serviceHeader] & [resellerProfile] shall be sent to Colt for all requests:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |

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 APIs support below number formats:

* **Split national format**, combination of {areaCode, areaCodeExtn, rangeStart & rangeEnd} in the APIs.
* **E164 international format**, combination of {startFullNumber & endFullNumber} in the APIs

Both formats can be used in the request, Colt recommends the use of e164 format.

*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" | * getTelephoneNumberHistory API only supports e164 international format as input (cli field). * Only e164 format is supported in numberEnquiry and getNumberDetail API response. * Order Detail response will have the same format as the request. * {rangeStart & rangeEnd} or {startFullNumber & endFullNumber} are mandatory, even for single number. |
| --- | --- |

## End-customer Details

Colt supports the below **customerType** (this value is expected to be sent only for BE, DE, IE, IT, NL, SE):

* **Business**
* **Residential**

### 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) |
| **registeredName** | Optional | BE | End-customer’s registered name. |
| **customerVATnumber** | Mandatory | PT | *Note: in PT = end-customer’s NIF.* |
| **customerVATnumber** | Optional | BE | End customer VAT number |
| **cifNIF** | Mandatory | ES | Your end-customer’s NIF number. |
| **subscriberID** | Mandatory | DK | newPortIn API Only  End-customer’s organisation number. |
| **subscriberID** | Mandatory | SE | End-customer’s organisation number. |
| **companyRegistrationNumber** | Mandatory | FR | newPortIn API Only  End-customer’s SIRET number. |
| **companyRegistrationNumber** | Mandatory | PL | Company NIP |

### customerType = Residential

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 = 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 below fields you need to send to Colt as part of the address, and associated description:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | AT | BE | DK | FR | DE | IE | IT | NL | PT | ES | SE | CH | GB | LU | NO | FI | SK | CZ | PL | RO |
| **premisesNumber** | 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 |
| **cityTown** | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| **postalZipCode** | 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.

In light of this ‘Country’ field in the installation & emergency address is present in the request structure

These are the set of rules:-

* The new ‘Country’ field will be mandatory where the country = NL
* Please refer to *‘APPENDIX D: 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 exc 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 [cliStatus]

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

|  |  |  |
| --- | --- | --- |
| cliStatus | Country | Description |
| **Free** | All | Colt free number or customer owned numbers (FR only) you can search and acquire |
| **Reserved** | All | Colt Number and/ or customer owned numbers (FR only) in your stock.  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 and/ or customer owned numbers (FR only) in your stock.  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 a 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 a 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 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 | API | Current  cliStatus | Next  cliStatus |
| Colt | All | Customer | numberReservation | Free | Reserved |
| Colt | All except IT | Customer | numberActivation | Free | Activated |
| Colt | All | Customer | numberActivation | Reserved | Activated |
| Colt | All | Customer | cancelReservation | Reserved | Free |
| Colt | All | Colt System | (reservation period expiration) | Reserved | Free |
| Colt | AT, DE, FR, IE, CH | Customer | updateDirectoryServices | Activated | Activated |
| Ported-In | AT, DE, FR, IE, CH | Customer | updateDirectoryServices | PortIn\_Activated | PortIn\_Activated |
| Colt  (Premium) | All except DE | Customer | updateEndCustomerAddress – ADD | Activated | Activated |
| Colt & Ported-In | All | Customer | updateEndCustomerAddress – MODIFY | Activated  PortIn\_Activated | Activated  PortIn\_Activated |
| Colt | All | Customer | numberDeactivation | Activated | Quarantined |
| Ported-In | FR, NL, PT, CH, ES, IT | Customer | numberDeactivation | PortIn\_Activated | PortIn\_Quarantined |
| Ported-In | All except FR, NL, PT, CH, ES, IT | Customer | numberDeactivation | PortIn\_Activated | Returned |
| Colt | All | Customer | numberReactivation | Quarantined | Activated |
| Colt | All | Colt System | (quarantine expiration) | Quarantined | Free |
| Ported-In | FR, NL, PT, ES, CH, IT | Customer | portInReactivation | PortIn\_Quarantined | PortIn\_Activated |
| Ported-In | FR, NL, PT | Colt System | (quarantine expiration) | PortIn\_Quarantined | Returned |
| Colt | All | Colt | portOut | Activated | PortOut |
| Ported-In | All | Colt | portOut | PortIn\_Activated | Returned |
| Ported-In | All | Colt | portOut | PortIn\_Activated | Transferred |

# **Search & Acquire Number**

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

### Description

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

It can be seen as a mapping address and first digits of the number (i.e., the LAC), and known at Colt as LAC Validation.

Please refer to Colt Number Hosting Service Matrix for API availability country-wise.

*validGeographicAddress* 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*

Please note if you are integrating your systems with ours using REST APIs for the first time, please refer to the Colt Number Hosting REST API user guide. 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}.

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.

1. validGeographicAddress API– no change in request and response structure. If coordinates are not fetched internally then the ‘validLAC’ will not be returned in the response.
2. AddressIDs returned in validGeographicAddress/validateAddress API response before 19th Oct release will be marked as Invalid. These addressIDs cannot be used post the release for activation/port-in/addressUpdate orders.
3. If address is valid and LAC or coordinates are not retuned in response, please reach out to us with the valid address details.

### Input parameter(s)

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

|  |  |
| --- | --- |
| 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  Optional- streetType |
| Netherlands | premisesNo, postalCode, country  Optional- Extension |
| 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 required to be followed. * In NL, addressID will not be returned in response. |
| --- | --- |

### Sample request and 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 Free Geo Number by Local Area [numberEnquiry API]

### Description

The *numberEnquiry* API returns list of free numbers for a given Local Area.

### Input parameter(s)

In all countries except Germany (DE), you need to send the below parameters as input:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **geoblockDetails/areaCode** | Mandatory | Your search criteria.  Ex (GB): 0208 for London, ex (FR): 1 for Area 17018. |
| **geoblockDetails/areaCodeExtn** | Optional (FR Only) | Your search criteria.  Ex (FR): 7018 for Area 17018. |
| **geoblockDetails/blockSize** | Mandatory | Your search criteria. Values are:   * In all countries except AT, PL: 1, 10, 100. * In AT: 1. * PL: 100 |
| **geoblockDetails/quantity** | Optional | Your search criteria. Values are   * 1 to 9 (for all countries except AT) * AT, quantity allowed =1Default value (if not passed) = 1. |
| **numberType** | Mandatory | Value = ‘Geo’ |
| **numberCategory** | Mandatory | Value = ‘IPGEO’ |
| **numberCategory (ES)** | Mandatory | Value= ‘Normal’ for Geo Numbers  Value=’IPGEO’ for Geo Nomadic |
| **numberCategory (LU)** | Mandatory | Value = ‘Nomadic’ |

In Germany (DE) & for single number, you need to send the below parameters as input:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **geoSingleNumbersDetails/areaCode** | Mandatory | Your search criteria.  Ex (DE): 69 for Frankfurt. |
| **numberType** | Mandatory | Value = ‘Geo’ |
| **numberCategory** | Mandatory | Value = ‘IPGEO Single’ |

In Germany (DE) & for range, you need to send the below parameters as input:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **geoblockDetails/areaCode** | Mandatory | Your search criteria.  Ex (DE): 69 for Frankfurt. |
| **geoblockDetails/blockSize** | Mandatory | Your search criteria. Please refer to Service Matrix. |
| **numberType** | Mandatory | Value = ‘Geo’ |
| **numberCategory** | Mandatory | Value = ‘IPGEO Range’ |

### Output/Response

List of number matching your request will be returned. In the scenario where Colt would not have enough capacity to meet your request, the closest quantity will be returned.

Please find below part of a response for a single number search in London:

|  |
| --- |
| *<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">*  *<soapenv:Body>*  *<ser-root:numberEnquiryResponse xmlns:ser-root="http://www.colt.net/numberHosting/v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">*  *<numberQueryResponse>*  *<nh:numberQueryResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">*  *<nh:header>*  *<nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>*  *<nhm:errorMessage xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:errorType>success</nhm:errorType>*  *<nhm:errorCode>0</nhm:errorCode>*  *<nhm:errorDescription>Action Performed SuccessFully</nhm:errorDescription>*  *<nhm:businessErrorDescription/>*  *</nhm:errorMessage>*  *</nh:header>*  *<nh:queryOutputDetails>*  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+442081231000</nhm:startFullNumber>*  *<nhm:endFullNumber>+442081231000</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Free</nhm:cliStatus>*  *</nhm:numberList>*  *</nh:queryOutputDetails>*  *</nh:numberQueryResponse>*  *</numberQueryResponse>*  *</ser-root:numberEnquiryResponse>*  *</soapenv:Body>*  *</soapenv:Envelope>* |

**FR:**

|  |
| --- |
| *<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">*  *<soapenv:Body>*  *<ser-root:numberEnquiryResponse*  *xmlns:ser-root="http://www.colt.net/numberHosting/v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">*  *<numberQueryResponse>*  *<nh:numberQueryResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">*  *<nh:header>*  *<nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>*  *<nhm:errorMessage xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:errorType>success</nhm:errorType>*  *<nhm:errorCode>0</nhm:errorCode>*  *<nhm:errorDescription>Action Performed SuccessFully</nhm:errorDescription>*  *<nhm:businessErrorDescription/>*  *</nhm:errorMessage>*  *</nh:header>*  *<nh:queryOutputDetails>*  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+33264550010</nhm:startFullNumber>*  *<nhm:endFullNumber>+33264550010</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Free</nhm:cliStatus>*  *<nhm:isCustomerOwned>Yes</nhm:isCustomerOwned>*  *</nhm:numberList>*  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+33264550011</nhm:startFullNumber>*  *<nhm:endFullNumber>+33264550011</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Free</nhm:cliStatus>*  *<nhm:isCustomerOwned>Yes</nhm:isCustomerOwned>*  *</nhm:numberList>*  *</nh:queryOutputDetails>*  *</nh:numberQueryResponse>*  *</numberQueryResponse>*  *</ser-root:numberEnquiryResponse>*  *</soapenv:Body>*  *</soapenv:Envelope>* |

| Résultat de recherche d'images pour "important message icon" | * Please refer to Colt Geo coverage file to get list of Local Areas |
| --- | --- |

## Get Free Location Independent Number [numberEnquiry API]

### Description

The *numberEnquiry* API returns list of free Location Independent Numbers.

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

### Input parameter(s)

You need to send the below parameters as input:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **nonGeoblockDetails/areaCode** | Optional | Applicable only for FR customer owned numbers only |
| **nonGeoblockDetails/areaCodeExtn** | Optional (FR Only) | Applicable only for FR customer owned numbers only |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **nonGeoblockDetails/blockSize** | Mandatory | Your search criteria. Values are the same as Geo search. |
| **nonGeoblockDetails/quantity** | Optional | Your search criteria. Your search criteria. Values are the same as Geo search. |
| **numberType** | Mandatory | Value = ‘Non Geo’  Value=”Geo” for NL only |
| **numberCategory** | Mandatory | Value = ‘VOIP’  Value=’Nomadic’, for NL, FI, PL, RO, SK, CZ |

### Output/Response

List of number matching your request will be returned. In the scenario where Colt would not have enough capacity to meet your request, the closest quantity will be returned.

| Résultat de recherche d'images pour "important message icon" | * Location Independent is not available in BE, DK, IE and Zone B countries.. |
| --- | --- |

## Get Free Location Independent Number in Germany [numberEnquiry API]

### Description

The *numberEnquiry* API returns list of free Location Independent Numbers.

### Input parameter(s)

You need to send the below parameters as input:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **nonGeoblockDetails/blockSize** | Mandatory | For Single Number, blockSize need not to be entered  For Range search, blocksize is required  Your search criteria. Please refer to Service Matrix. |
| **numberType** | Mandatory | Value = ‘Non Geo’ |
| **numberCategory** | Mandatory | For single number search:  Value = ‘IPGEO Single’  For range search:  Value=’IPGEO Range’ |

### Output/Response

List of number matching your request will be returned. In the scenario where Colt would not have enough capacity to meet your request, the closest quantity will be returned.

## Get Free 0330 & 0333 Number in the UK [numberEnquiry API]

### Description

The *number Enquiry* API returns list of free UK ‘03’ numbers. 2 categories are available:

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

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **cliStatus** | Mandatory | Value = ‘Free’ |
| **nonGeoblockDetails/blockSize** | Mandatory | Values: 1, 10, 100. |
| **nonGeoblockDetails/quantity** | Optional | Your search criteria. Values are from 1 to 9.  Default value (if not passed) = 1. |
| **numberType** | Mandatory | Value = ‘Non Geo’ |
| **numberCategory** | Mandatory | Value =   * ‘UK WIDE (Any Users)’ * ‘UK WIDE (Public Services & Not for Profit)’ |

### Output/Response

List of number matching your request will be returned. In the scenario where Colt would not have enough capacity to meet your request, the closest quantity will be returned.

## Acquire Number [numberReservation & numberActivation APIs]

### Description

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

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

| 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 country as part of the process. Please refer to section 5.1. |
| --- | --- |

### Number Reservation

#### Input parameter(s)

Below are parameters you need to send to Colt for number Activation:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | Please refer to section 3.3 |
| **custReference** | Optional | Please refer to section 2.9 |
| **usageType** | Mandatory | Applicable for Spain only   * Mandatory Usage Type field with these options * Own use * Assign to 3rd party * Shared resources * If blockSize=100, Usage Type=Assign to 3rd party |
| **userName** | Mandatory | Username placing the request |

#### cliStatus update

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

| API Called | Country | Previous cliStatus | New Status | Next Possible Action(s) |
| --- | --- | --- | --- | --- |
| *numberReservation* | All | Free | Reserved | Activate, Cancel reservation |

#### Output/Response

A transactionID will be generated and returned back to you.

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

### Number Activation

#### Input parameter(s)

Below are parameters you need to send to Colt for number Activation:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | Please refer to section 3.3 |
| **[endCustomerDetails]** | Mandatory  *(Optional for Premium)* | Please refer to section 3.4 |
| **[endCustomerAddress]** | Mandatory  *(Optional for Premium)* | Please refer to section 3.5 |
| custReference | Optional | Please refer to section 2.9 |
| **SubResellerID** | Optional | Please refer to section 2.12 |
| **[directoryServicesDetails]** | Optional | Please refer to sections 7.6 |
| **[triPartyAgreement]**  triPartyAgreementFileName  triPartyAgreementFileContent | **Mandatory** (for customers using Colt Owned Numbers)  **N/A** (for customers using their own number pool) | File size: max 5MB  Accepted file formats: .doc/.DOC, .docx/.DOCX, .pdf/.PDF  The tri-partite agreement template can be found [*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%7CYamini.Choudhary2%40colt.net%7C6f13bf85a63e4c52cadb08daf9418437%7Cb859cf7eff8a40bbbd0fda56e6dc0eb8%7C1%7C0%7C638096357338893450%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=kv2Hgu%2BTNYDB1Mawoi34aY%2BLfWetWZOFxdp7KsnKnyI%3D&reserved=0). |
| **userName** | Mandatory | Username placing the request. |

#### cliStatus update

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Previous cliStatus | New Status | Next Possible Action(s) |
| *numberActivation* | All | Reserved | Activated | Update, Deactivate |
| *numberActivation* | All except IT | Free | Activated | Update, Deactivate |

#### Output/Response

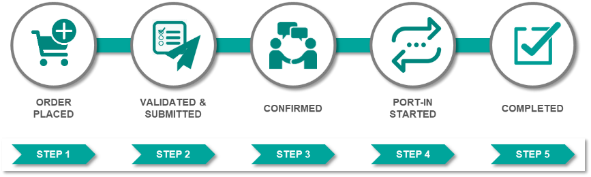
A transactionID will be generated and returned back to you.

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

# **Port-In**

## Port-In Life Cycle

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

**

### Order Status [transactionStatus]

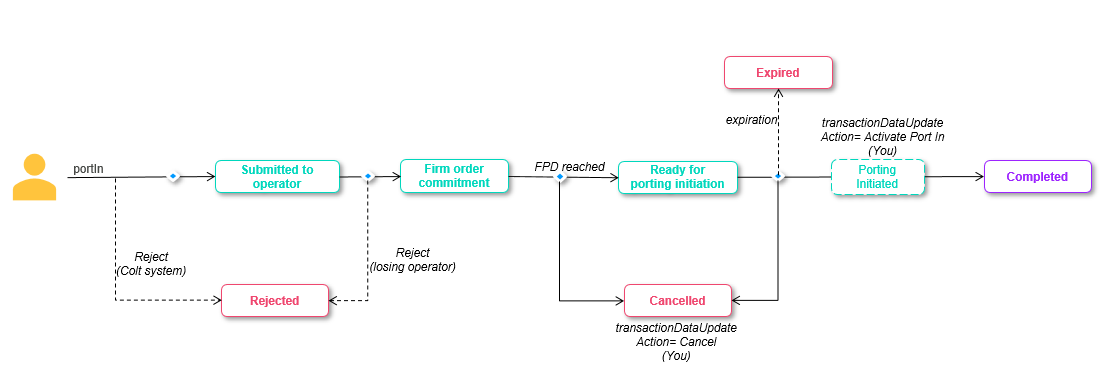
port-In transaction might have additional status [**transactionStatus**] than the ones described in the section 2.5.

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

|  |  |  |
| --- | --- | --- |
| transactionStatus | 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 transaction status [**transactionStatus**] 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.

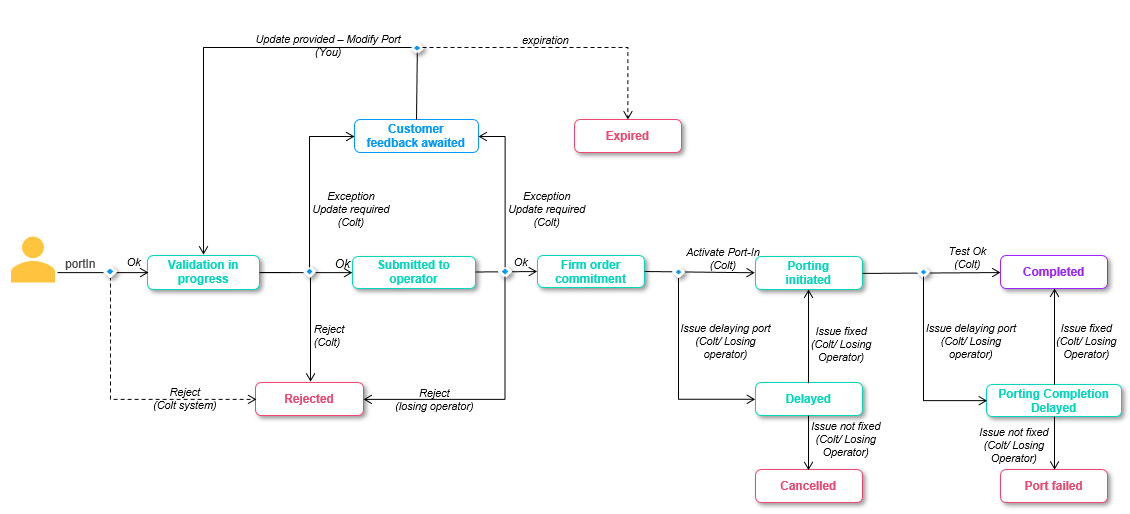
If Rejected, order will move from In Progress to Rejected. Possible ejection reasons are:

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 transaction status [**transactionStatus**] transition based on API action:



### Transaction Action & Transition

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Country | User | Action | Current transactionStatus | Target  transactionStatus |
| 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 (optional).
2. Attachment
3. Email notification contact details.

Below sections will give you view of information you need to send to Colt.

| Résultat de recherche d'images pour "important message icon" | * Attachment is mandatory for all port-In requests |
| --- | --- |

### Request (1/3): Order Information

Input parameter(s)

Please find below information you need to send to Colt:

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |

Other parameters/nodes:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **[endCustomerDetails]** | Mandatory | All | Please refer to section 3.4 |
| **[endCustomerAddress]** | Mandatory | All | Please refer to section 3.5 |
| **[newCustomerAddress]** | Optional | All | Please refer to section 3.5  This is used to capture the ‘New Address’ for PortIn API in addition to the Current Address. This New Address will be used/considered as emergency/installation address. |
| **[adminAddress]** | Optional | NL | 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. |
| **startFullNumber** | Mandatory | All | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | All | Please refer to section 3.3 |
| **customerRef** | Optional | All | Please refer to section 2.73.3 |
| **subResellerID** | Optional | All except FR, IT, PT | Please refer to section 2.10 |
| **currentOperator** | Mandatory | All expect NL | Please refer to service matrix for allowed operator values. If an incorrect value is passed, the Port-In request will fail with a business failure.  This rule is applicable for all countries except NL and DE. |
| **secretCode** | Mandatory | IT | combination of 3 alphanumeric characters, telephone number/Range 6 to 12 digits, Geo NP Pure is always = 222 and end with any alphabet. |
| **OKU Code** | Conditional Mandatory | CZ | Either LOA/porting form or Losing provider OKU Code needs to be provided with the Port-In request. |
| **portType** | Mandatory | NL | Value = Simple, Complex. |
| **additionalCustRef3** | Optional | PT | Please enter the CVP here. |
| **mainBillingNumber** | Mandatory | All expect NL, DE | 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. |
| **singleLine** | Optional | All expect NL, DE | Value = ‘S’ |
| **multiLine** | Optional | All expect NL, DE | Value = ‘M’ |
| **portInDate** | Mandatory | All expect NL | 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.  Format: yyyy-mm-dd |
| **portInWindow** | Mandatory | All expect NL | 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 |
| **notes** | Optional | All | If you want to share additional information with Colt.   * Maximum length: 2048 characters (All except NL) * Maximum length: 100 characters (NL). |
| **Contract\*\*** | Optional | NL | * Early Termination * Continuation |
| **portingPrefix** | Optional | FR | 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. |
| autoPortIn | Optional | BE | 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 getTransactionDetails SOAP API response |
| **userName** | Mandatory | All | Username placing the request. |
| **[directoryServicesDetails]** | Optional | All expect DK and Zone B countries | Please refer to sections 7.6 & 7.7 |

**\*\* New 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)
* 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.

The ‘Contract’ field will be present in the getTransactionDetails response.

**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.

**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.

### Request (2/3): Attachment

Please find below information you need to send to Colt, using the same portIn request:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **letterOfAuthorityFileName** | Mandatory | All | Porting Form or Letter of Authority (LOA) document name.   * Maximum file name: 100 characters |
| **letterOfAuthorityFileContent** | Mandatory | All | Porting Form or Letter of Authority (LOA) document.   * File Type : .doc,.docx,.pdf * Maximum file size: 5 Mb |
| **invoiceDocumentFileName** | Mandatory | FR, IT, PT, CH  For rest of the countries except NL- Optional | Invoice document name   * Maximum file name: 100 characters |
| **invoicedocumentFileContent** | Mandatory | FR, IT, PT, CH  For rest of the countries except NL- Optional | Invoice document content   * File Type : .doc,.docx,.pdf * Maximum file size: 5 Mb |
| **anySupplementaryDocumentFileName** | Optional | All except NL | anySupplementaryDocument name   * Maximum file name: 100 characters |
| **anySupplementaryDocumentFileContent** | anySupplementaryDocument content   * File Type : .doc,.docx,.pdf, .csv * Maximum file size: 5 Mb |
| regulatoryAssignmentFileName | Mandatory | NL | Applicable for NL 088 number activation only  documentNameType  Maximum file name: 100 characters |
| regulatoryAssignmentFileContent | Mandatory | NL | Applicable for NL 088 number activation only   * File Type : .doc,.docx,.pdf * Maximum file size: 5 Mb |

### Request (3/3): Email Notification Contact Details [switchMaintainer]

Please find below information (optional) you can to send to Colt, using the same port-In request:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **switchMaintainerFirstName** | Mandatory | All | Contact first name |
| **switchMaintainerLastName** | Mandatory | All | Contact last name |
| **switchMaintainerFax** | Optional | All | Contact fax number |
| **switchMaintainerPhone** | Mandatory | All | Contact telephone  Can accept E164 format number. |
| **switchMaintainerMobile** | Optional | All | Contact mobile number  Can accept E164 format number. |
| **switchMaintainerEmail** | Mandatory | All | Contact email ID |

If above information is not sent in the request- details will be fetched from saved details against the profile provided by you doing profile setup.

### Output/Response

A **transactionID** will be generated, with transactionStatus = ‘Validation In progress’.

| 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 Transaction 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 transaction ID. Order without Tri-Party Agreement will be rejected. |
| --- | --- |

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

|  |  |
| --- | --- |
| 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 |

## 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 |
| **transactionDataUpdateRequest** | Cancellation Request | NL |
| Schedule Port | NL |
| Initiate Port | NL |
| Send Notes | All except NL |
| Update when transactionStatus = ‘Customer feedback awaited’ | All except NL |

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

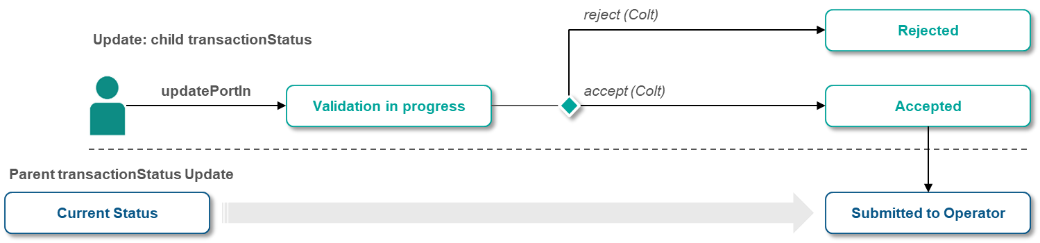
### Port-In Date Change in all countries except NL & IT [updatePortIn API]

#### Description

The *updatePortIn* API allows you to request a port-in date change. The change has to be approved by Colt Porting Desk.

#### transactionStatus update

Below image provides you high level flow:



#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **portInTranxRef** | Mandatory | portIn order transactionID you would like to update. |
| **newPortInDate** | Mandatory | New wished date.  Format: yyyy-mm-dd |
| **newPortInWindow** | Mandatory | New wished time (porting window). |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3  Format: HHMM-HHMM |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 2048 characters. |
| **user** | Mandatory | Username placing the request. |

#### Output/Response

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

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

|  |  |  |
| --- | --- | --- |
| Action | Child transactionStatus Update | Parent transactionStatus 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 transactionStatus = ‘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 |
| --- | --- |

### Cancellation in all countries except NL [cancelPortIn API]

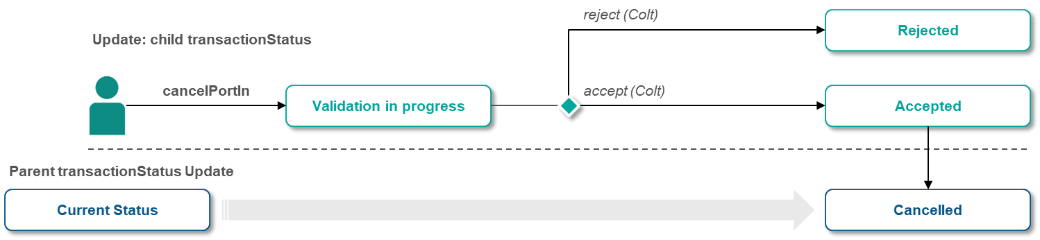
#### Description

The *cancelPortIn* API allows you to request cancellation of your order.

Cancellation has to be approved by Colt Porting Desk.

#### transactionStatus update

Below image provides you high level flow:



#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **portInTranxRef** | Mandatory | portIn order transactionID you would like to cancel. |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 2048 characters. |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **user** | Mandatory | Username placing the request. |

**Output/Response**

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

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

|  |  |  |
| --- | --- | --- |
| Action | Child transactionStatus Update | Parent transactionStatus 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 transactionStatus = ‘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. |
| --- | --- |

### Cancellation in NL [transactionDataUpdate API]

**Description**

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

**transactionStatus update**

Below image provides you high level flow:



**Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to cancel. |
| **updateType** | Mandatory | Value = Status. |
| **Action** | Mandatory | Value = Cancel. |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 100 characters. |
| **user** | Mandatory | Username placing the request. |

**Output/Response**

A child **transactionID** will be generated, with transactionStatus = ‘In progress’.

Parent transactionID will remain in the same status.

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

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

No further action allowed.

### Schedule Port in NL [transactionDataUpdate API]

**Description**

The *transactionDataUpdate* API allows you to schedule your port, when transactionStatus = ‘Firm order commitment’ or ‘Ready for porting initiation’.

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

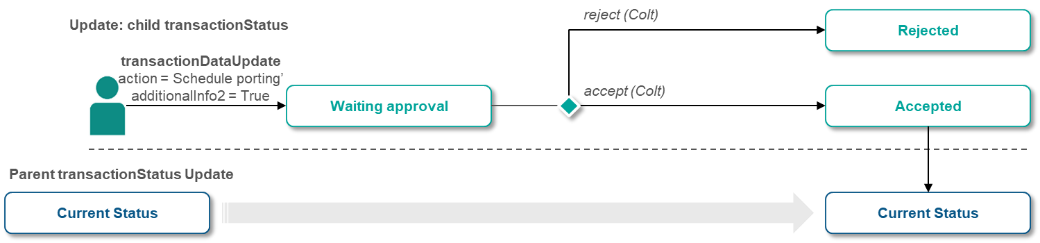
**transactionStatus update for scheduling in Office Hours**

Below image provides you high level flow:



**transactionStatus update for scheduling in Out of Office Hours**

Below image provides you high level flow:



**Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to schedule. |
| **updateType** | Mandatory | Value = Status. |
| **Action** | Mandatory | Value = ‘Schedule porting’. |
| **alternativeDate** | Mandatory | Date you want to schedule the port.  Format: yyyy-mm-dd |
| **alternativeWindow** | Mandatory | Time you want to schedule the port.  Format: HHMM-HHMM. |
| **additionalInfo1** | Mandatory | Value = ‘True’. (automated PP). |
| **additionalInfo2** | Optional | Value = ‘True’.  **Only if OOH request (Colt Porting Desk approval required).** |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 100 characters. |
| **user** | Mandatory | Username placing the request. |

**Output/Response**

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

Parent transactionID will remain in the same status.

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

| Action | Child transactionStatus Update | Parent transactionStatus 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 |

### Activate Port in NL [*transactionDataUpdate* API]

#### Description

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

#### transactionStatus update

Below image provides you high level flow:



#### Input parameter(s)

| Parameter | Type | Description |
| --- | --- | --- |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to activate. |
| **updateType** | Mandatory | Value = Status. |
| **Action** | Mandatory | Value = ‘Activate Port-In’. |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 100 characters. |
| **user** | Mandatory | Username placing the request. |

#### Output/Response

A child **transactionID** will be generated, with transactionStatus = ‘In progress’.

Parent transactionID will remain ‘Ready for porting initiation’.

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

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

No further action allowed.

### Send Notes in All Countries Except NL [transactionDataUpdate API]

#### Description

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

#### Input parameter(s)

| Parameter | Type | Description |
| --- | --- | --- |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to activate. |
| **Action** | Mandatory | Value = ‘QuickNote’. |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Mandatory | If you want to share additional information with Colt Porting Desk.   * Maximum length: 2048 characters. |

#### Output/Response

A child **transactionID** will be generated, with transactionStatus = ‘In progress’.

Parent transactionID will remain in the same status.

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

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

### Update when transactionStatus = ‘Customer feedback awaited’ In All Countries Except NL [transactionDataUpdate API]

#### Description

*transactionDataUpdate* API allows you to update order when transactionStatus = ‘Customer feedback awaited’.

Please note that without an update from you in the next 72 hours, the order will expire

#### transactionStatus update

Below image provides you high level flow:



#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to activate. |
| **updateType** | Mandatory | Value = ‘Status’ |
| **Action** | Mandatory | Value = ‘Modify Port’ |
| **mainBillingNumber** | Optional | Refer to Service Matrix |
| **currentOperator** | Optional | Refer to Service Matrix |
| **cliDetails** | Optional | Refer to Service Matrix |
| **portingDate** | Mandatory | If you want to request a new date for the port.  Format: yyyy-mm-dd |
| **portingWindow** | Mandatory | If you want to request a new date for the port.  Format: HHMM-HHMM. |
| **letterOfAuthorityFileName** | Optional | Porting Form or Letter of Authority (LOA) document name.   * Maximum file name: 100 characters |
| **letterOfAuthorityFileContent** | Optional | Porting Form or Letter of Authority (LOA) document.   * File Type: .doc,.docx,.pdf * Maximum file size: 5 Mb |
| **invoiceDocumentFileName** | Optional | Invoice document name   * Maximum file name: 100 characters |
| **invoicedocumentFileContent** | Optional | Invoice document name   * File Type: .doc,.docx,.pdf * Maximum file size: 5 Mb |
| **anySupplementaryDocumentFileName** | Optional | anySupplementary document name   * Maximum file name: 100 characters |
| **anySupplementaryDocumentFileContent** | Optional | anySupplementary document name   * File Type: .doc,.docx,.pdfMaximum file size: 5 Mb |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 2048 characters. |
| **user** | Mandatory | Username placing the request. |

#### Output/Response

A child **transactionID** will be generated, with transactionStatus = ‘In progress’, and

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

|  |  |  |
| --- | --- | --- |
| Action | Child transactionStatus Update | Parent transactionStatus Update |
| **Modify Port** | Completed | Validation in progress |
| **No action** | N/A | Expired |

|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Number & endCustomerDetails cannot be updated at this stage. * If you don’t provide an update within the next 72 hours, the order will expire, i.e., parent transactionStatus = ‘Expired’. |

## 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, transactionStatus 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. transaction 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, transactionStatus will be changed to Completed. 5. An automated update will be sent to the customer. |

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

If the porting fails for any reason, Parent Transaction 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.

# **Number Inventory & Update**

## Get List of Numbers by Status [numberEnquiry API]

#### Description

The *numberEnquiry* API returns list of numbers for a given number status (e.g., activated numbers).

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Value Supported |
| **cliStatus** | Mandatory | Reserved, PortIn\_Allocated, Activated, PortIn\_Activated, Quarantined, PortIn\_Quarantined, Allocated, PortIn\_Allocated, PortOut, Returned, 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 |

#### Output/Response

For each record, below information will be returned:

|  |  |
| --- | --- |
| Parameter | Description |
| **cliDetails** | Number range matching your search, in split format only. |
| **cliStatus** | Number range status matching your search criteria. |
| **date** | Different date can be returned depending on the number range status (cliStatus):   * if cliStatus = Activated → activationDate * if cliStatus = PortIn\_Allocated → portDate * if cliStatus = PortIn\_Activated → activationDate & portDate * if cliStatus = Reserved → reservationExpiry * if cliStatus = Quarantined → quarantineExpiry * if cliStatus = PortIn\_ Quarantined → quarantineExpiry & portDate |
| **transactionId** | last transationID. |
| **customerRef** | if applicable. |
| **username** | User who performed the last action. |

Please find below some examples:

|  |
| --- |
| ***cliStatus = Activated***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0208</nhm:areaCode>*  *<nhm:areaCodeExtn>323</nhm:areaCodeExtn>*  *<nhm:rangeStart>046X</nhm:rangeStart>*  *<nhm:rangeEnd>046X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Activated</nhm:cliStatus>*  *<nhm:activationDate>2020-03-13T00:00:00.00</nhm:activationDate>*  *<nhm:transactionId>204b5eX1-1ac7-49cf-9db2-956e499c2919</nhm:transactionId>*  *<nhm:userName>ColtDemo</nhm:userName>*  *</nhm:numberList>* |

|  |
| --- |
| ***cliStatus = PortIn\_Activated***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0113</nhm:areaCode>*  *<nhm:areaCodeExtn>800</nhm:areaCodeExtn>*  *<nhm:rangeStart>001X</nhm:rangeStart>*  *<nhm:rangeEnd>001X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>PortIn\_Activated</nhm:cliStatus>*  *<nhm:activationDate>2020-01-27T00:00:00.00</nhm:activationDate>*  *<nhm:portDate>2020-02-06T00:00:00.00</nhm:portDate>*  *<nhm:transactionId>51c70bed-68X8-4504-a415-c7cab8511f07</nhm:transactionId>*  *<nhm:userName>ColtDemo</nhm:userName>*  *</nhm:numberList>* |

|  |
| --- |
| ***cliStatus = PortIn\_Allocated***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0113</nhm:areaCode>*  *<nhm:areaCodeExtn>800</nhm:areaCodeExtn>*  *<nhm:rangeStart>001X</nhm:rangeStart>*  *<nhm:rangeEnd>001X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>PortIn\_Allocated</nhm:cliStatus>*  *<nhm:portDate>2020-02-06T00:00:00.00</nhm:portDate>*  *<nhm:transactionId>51c70bed-6838-450X-a415-c7cab8511f07</nhm:transactionId>*  *<nhm:customerRef>Test</nhm:customerRef>*  *<nhm:userName>ColtDemo</nhm:userName>*  *</nhm:numberList>* |

|  |
| --- |
| ***cliStatus = Reserved***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0113</nhm:areaCode>*  *<nhm:areaCodeExtn>124</nhm:areaCodeExtn>*  *<nhm:rangeStart>595X</nhm:rangeStart>*  *<nhm:rangeEnd>595X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Reserved</nhm:cliStatus>*  *<nhm:reservationExpiry>2020-05-12T00:00:00.00</nhm:reservationExpiry>*  *<nhm:transactionId>afc340ed-3b80-4X3a-bcb2-cb205e00ca4b</nhm:transactionId>*  *<nhm:customerRef>Test</nhm:customerRef>*  *<nhm:userName>ColtDemo</nhm:userName>* |

|  |
| --- |
| ***cliStatus = Quarantined***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0113</nhm:areaCode>*  *<nhm:areaCodeExtn>124</nhm:areaCodeExtn>*  *<nhm:rangeStart>594X</nhm:rangeStart>*  *<nhm:rangeEnd>594X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>Quarantined</nhm:cliStatus>*  *<nhm:quarantineExpiry>2020-07-22T00:00:00.00</nhm:quarantineExpiry>*  *<nhm:transactionId>9f0baf08-5f3X-4ae2-b41f-762807cbe2de</nhm:transactionId>*  *<nhm:customerRef>Test</nhm:customerRef>*  *<nhm:userName>ColtDemo</nhm:userName>*  *</nhm:numberList>* |

|  |
| --- |
| ***cliStatus = PortIn\_Quarantined***  *<nhm:numberList xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>0113</nhm:areaCode>*  *<nhm:areaCodeExtn>800</nhm:areaCodeExtn>*  *<nhm:rangeStart>001X</nhm:rangeStart>*  *<nhm:rangeEnd>001X</nhm:rangeEnd>*  *</nhm:cliDetails>*  *<nhm:cliStatus>PortIn\_Quarantined </nhm:cliStatus>*  *<nhm:quarantineExpiry>2020-07-22T00:00:00.00</nhm:quarantineExpiry>*  *<nhm:portDate>2020-02-06T00:00:00.00</nhm:portDate>*  *<nhm:transactionId>51c70bed-6838-4X04-a415-c7cab8511f07</nhm:transactionId>*  *<nhm:userName>ColtDemo</nhm:userName>*  *</nhm:numberList>* |

| Résultat de recherche d'images pour "important message icon" | * PortIn\_Allocated status is not applicable in Germany. * Latest 50,000 records can be returned for all countries except CH & DE. * Latest 2,000 records can be returned for DE and CH. * ‘All’ can be used as search criteria, returning numbers independently from their status |
| --- | --- |

## Get Number Status [numberEnquiry API]

#### Description

*numberEnquiry* API returns status for a given number in customer inventory.

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Start range you like to perform the search |
| **endFullNumber** | Mandatory | End range you like to perform the search |

#### Output/Response

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

## Get Number History [getTelephoneNumberHistory API]

#### Description

*getTelephoneNumberHistory* API returns a list of transactions for a given number.

#### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber & startFullNumber** | Mandatory | Range search can be done |

**Output/Response**

For each record, below information will be returned:

|  |  |
| --- | --- |
| Parameter | Description |
| **transactionType** | Transaction type (number activation, ,…). |
| **transactionId** | transactionID. |
| **transactionStatus** | Transaction status (In progress, Completed, …). |
| **transactionUpdateDate** | Transaction last update date.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’ |
| **username** | User who performed the action. |

Please find below example:

|  |
| --- |
| ***Example***  *<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:getTelephoneNumberHistoryResponse xmlns:ser-root="http://www.colt.net/numberHosting/v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <numberHistoryResponse>  <nh:numberHistoryResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">  <nh:header>  <nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>  </nh:header>  <nh:numberHistoryOutputDetails>  <nhm:numberTransaction xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">  <nhm:transactionType>Update End Customer Detail</nhm:transactionType>  <nhm:transactionId>061366af-f7fd-42c2-a6f1-54ba9b5d5767</nhm:transactionId>  <nhm:transactionStatus>  <nhm:transactionStatus>Completed</nhm:transactionStatus>  </nhm:transactionStatus>  <nhm:transactionUpdateDate>2022-06-27T08:43:33.701+01:00</nhm:transactionUpdateDate>  <nhm:userName>QMQ-S</nhm:userName>  </nhm:numberTransaction>  <nhm:numberTransaction xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">  <nhm:transactionType>Update End Customer Detail</nhm:transactionType>  <nhm:transactionId>30de66c8-051e-444b-8ef6-e5509aace5b8</nhm:transactionId>  <nhm:transactionStatus>  <nhm:transactionStatus>Completed</nhm:transactionStatus>  </nhm:transactionStatus>  <nhm:transactionUpdateDate>2022-06-27T08:39:06.595+01:00</nhm:transactionUpdateDate>  <nhm:userName>QMQ-S</nhm:userName>  </nhm:numberTransaction>  <nhm:numberTransaction xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">  <nhm:transactionType>Number Activation</nhm:transactionType>  <nhm:transactionId>96a54380-55d2-464c-ae93-a85182e78216</nhm:transactionId>  <nhm:transactionStatus>  <nhm:transactionStatus>Completed</nhm:transactionStatus>  </nhm:transactionStatus>  <nhm:transactionUpdateDate>2021-02-27T08:01:48.763Z</nhm:transactionUpdateDate>  <nhm:userName>ABC</nhm:userName>  </nhm:numberTransaction>  <nhm:numberTransaction xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">  <nhm:transactionType>Update End Customer Detail</nhm:transactionType>  <nhm:transactionId>a2f0b17f-7fe5-418d-b010-6434a80090c0</nhm:transactionId>  <nhm:transactionStatus>  <nhm:transactionStatus>Completed</nhm:transactionStatus>  </nhm:transactionStatus>  <nhm:transactionUpdateDate>2022-06-27T08:51:12.468+01:00</nhm:transactionUpdateDate>  <nhm:userName>QMQ-S</nhm:userName>  </nhm:numberTransaction>  <nhm:numberTransaction xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">  <nhm:transactionType>Number Deactivation</nhm:transactionType>  <nhm:transactionId>d64ca152-99f9-40d3-9267-0d686c67c04e</nhm:transactionId>  <nhm:transactionStatus>  <nhm:transactionStatus>Completed</nhm:transactionStatus>  </nhm:transactionStatus>  <nhm:transactionUpdateDate>2022-04-11T11:21:05.767+01:00</nhm:transactionUpdateDate>  <nhm:userName>ABC</nhm:userName>  </nhm:numberTransaction>  </nh:numberHistoryOutputDetails>  </nh:numberHistoryResponse>  </numberHistoryResponse>  </ser-root:getTelephoneNumberHistoryResponse>  </soapenv:Body> </soapenv:Envelope>* |

| Résultat de recherche d'images pour "important message icon" | * Only E164 number format is supported (input). |
| --- | --- |

## Get Number Detail [getNumberDetail API]

**Description**

*getNumberDetail API* returns assignment details for a number range.

**Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Start range you like to perform the search |
| **endFullNumber** | Mandatory | End range you like to perform the search |

**Output/Response**

For each record, below information will be returned:

|  |  |
| --- | --- |
| Parameter | Description |
| **number** | Single number matching your criteria, in e164 format. |
| **endCustomerStatus** | Status =   * ACTIVE if end-customer assigned to number * INACTIVE if no end-customer assigned to number |
| **[endCustomerDetail]** | end-customer information (if applicable) |
| **[endCustomerAddress]** | end-customer information (if applicable) |

|  |
| --- |
| ***cliStatus = Activated & end-customer assigned***  *<nhm:numberDetail xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:number>+441212605XX</nhm:number>*  *<nhm:endCustomerStatus>ACTIVE</nhm:endCustomerStatus>*  *<nhm:endCustomerDetail>*  *<nhm:endCustomerName>Colt Technology Services</nhm:endCustomerName>*  *<nhm:title/>*  *<nhm:firstName/>*  *<nhm:lastName/>*  *<nhm:customerVATnumber/>*  *<nhm:endCustomerDateOfBirth/>*  *<nhm:endCustomerAddress>*  *<nhm:floorSuite/>*  *<nhm:premisesNumber>20</nhm:premisesNumber>*  *<nhm:buildingName>Colt House</nhm:buildingName>*  *<nhm:streetName>Great Eastern Street</nhm:streetName>*  *<nhm:municipalityName/>*  *<nhm:cityTown>London</nhm:cityTown>*  *<nhm:postalZipCode>EC2A 3EH</nhm:postalZipCode>*  *<nhm:country>GB</nhm:country>*  *<nhm:poBoxNumber/>*  *</nhm:endCustomerAddress>*  *</nhm:endCustomerDetail>*  *<nhm:subResellerID/>*  *</nhm:numberDetail>* |

|  |
| --- |
| ***cliStatus = Activated but not assigned to end-customer (Premium offer only)***  *<nhm:numberDetail xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:number>+441212605XX</nhm:number>*  *<nhm:endCustomerStatus>INACTIVE</nhm:endCustomerStatus>*  *</nhm:numberDetail>* |

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

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

## Update Emergency Address [updateEndCustomerAddress API]

### Description

*updateEndCustomerAddress* API allows you to add and update emergency address. Update is available only if cliStatus = ‘Activated’ or ‘PortIn\_Activated’. This API can also be used to provide Directory Service details for few countries. Directory services update can be done using this API for BE, ES, GB, IT, NL, PT, SE and IE only.

| 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. |
| --- | --- |

#### 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.

#### Bulk address Update (NL):

All changes are for the Netherlands only and are highlighted in red:-

* If you wish to update the Emergency Addresses or Directory Services for multiple CLIs, then you should use the BulkTransaction API
* You should use TxType=EndCustomerAddressUpdate and enter each CLI with the corresponding emergency address or directory Services entry.
* The Emergency address should be specified in the ‘emergencyDetails’ node. Directory options should be specified in the ’directory details’ node.
* Premium customers can also use action =”ADD” and TxType=EndCustomerAddressUpdate to (Add or Remove) an Address and the Directory Services details.
* Multiple transaction Ids will be generated (one for each request)

**Input parameter(s)**

Below are parameters you need to send to Colt:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Country | Type | Description |
| **[endCustomerDetails]** | All | N/A | Please refer to section 3.4 |
| **[endCustomerAddress]** | All | N/A | Please refer to section 3.5 |
| **[directoryServicesDetails]** | BE, ES, SE, IE, IT, NL, PT, GB, AT | Optional/ Mandatory | Please refer to section 7.6 |
| startFullNumber | All | Mandatory | Please refer to section 3.3 |
| endFullNumber | All | Mandatory | Please refer to section 3.3 |
| action | All except DE | Optional | Value =   * ADD (Premium only): to assign a new end-customer. * MODIFY (Default if not sent): to update existing end-customer assignment. * REMOVE (Premium only): to remove end-customer assignment. |
| custReference | All | Optional | Please refer to section 2.7 |
| **SubResellerID** | FR, IT, PT | N/A | Please refer to section 2.10 |
| **[triPartyAgreement]**  triPartyAgreementFileName  triPartyAgreementFileContent | FR | **Optional** (for customers using Colt Owned Numbers)  **N/A** (for customers using their own number pool) | File size: max 5MB  Accepted file formats: .doc/.DOC, .docx/.DOCX, .pdf/.PDF  The link to the tri-partite agreement template can be found in section 1.4.4. |
| **userName** | All | Mandatory | Username placing the request. |

**cliStatus update**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Current cliStatus | target cliStatus | Next Possible Action(s) |
| **updateEndCustomerAddress** | All | Activated | Activated | Update, Return |
| **updateEndCustomerAddress** | All | PortIn\_Activated | PortIn\_Activated | Update, Return |

**Output/Response**

A transactionID will be generated and returned back to you.

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

| Résultat de recherche d'images pour "important message icon" | * if cliStatus = Activated or PortIn\_Activated and offer = Premium → Partial range update allowed. * if cliStatus = Activated or PortIn\_Activated and offer ≠ Premium → Full range update only. |
| --- | --- |

| Résultat de recherche d'images pour "important message icon" | * For Spain (ES) only:If the Action is modify, end customer details (cif/NIF/VAT) cannot be modified- applicable for only Ported-In numbers. * LAC validation is applicable for all Usage and Number types for Action Add/Modify * Add is only applicable for Premium customers. * Partial address updates for Activated and Port-in Activated numbers is allowed for all countries except AT, DE, CH, FI and IT. |
| --- | --- |

## Phonebook Publication

**Description**

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, AT) | Directory Services update  (IE, IT, PT, UK, CH, AT) |
| *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 |

Update is available only if cliStatus = ‘Activated’ or ‘PortIn\_Activated’.

**Input parameter(s)**

Below are parameters you need to send to Colt:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Country | Type | Description |
| basicDirectoryEntry | ES | Mandatory | Type that adds the consent modalities to the appearance of user data in guides / consultation services.  Permitted Values:   * ‘N’ = (No), data will not appear in query * ‘Y’ = (Yes), data will appear in query |
| directSalesMarketingEntry | ES | Mandatory | Type that adds the consent modalities to the fact that the data published in guides / services are used for commercial or advertising purposes.  Permitted 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 | SE | Mandatory | Type that adds the consent modalities to the fact that the data published in guides / services are used for public or secret listing purposes.  Permitted Values:   * ‘N’ = Allows use of data for public listing * ‘Y’ = Allows use of data for secret listing |
| directoryListingOptions | BE | Mandatory | Permitted Values:   * No consent * Full Address consent, no Reverse * Partial Address consent, no Reverse * Full Address consent, with Reverse * Partial Address consent, with Reverse |
| listingLanguage | BE | Mandatory | Official language of the listing address, or the preferred language in case of more than one official language for a location.  Permitted Values:   * NL: Dutch * FR: French * DE: German |
| listingLanguage | CH | Mandatory | 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 |
| subscriptionCategoryIndex | IT | Optional | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration)  Permitted Values:   * ‘00-PrivateCustomerCategory’ * ‘01-CompanyCustomerCategory’ (Default) * ‘02-SemiPublicCustomerCategory’ * ‘03-PublicCustomerCategory’ |
| searchOnTelephoneOnly | IT | Mandatory | Permitted Values:   * ‘Yes’ = visible in derived / market research * ‘No’ = not visible in derived / market research (Default) |
| allowAdvertisingCalls | IT , CH | Mandatory | Permitted Values:   * ‘Yes’ = agree to receive advertising calls * ‘No’ = do not agree to receive advertising calls (Default) |
| allowAdvertisingEmails | IT | Mandatory | Permitted Values:   * ‘Yes’ = agree to receive advertising emails * ‘No’ = do not agree to receive advertising emails (Default) |
| advertisementFlag | IT | Mandatory | Permitted Values:   * ‘0-No’ = do not agree to receive advertisements on other channels (Default) |
| telephoneNumber | IT , CH | Mandatory | 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:**  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. |
| addressDetails | IT, GB, BE, IE, AT | Mandatory | IT: end customer address (premisesNumber, streetName, Province, cityTown, postalZipCode, addressExtension, streetType, subLocality) or addressID  GB: end customer address (premisesNumber, buildingName, streetName, cityTown, postalZipCode ) or addressID  BE: end customer address ( premisesNumber, streetName, cityTown, postalZipCode, addressExtension) or addressID  IE: end customer address ( floorSuite, buildingName, premisesNumber, streetName, cityTown, postalZipCode, subLocality, county) or addressID  **AT:**  end customer address (premisesNumber, streetName, cityTown, postalZipCode, block, stairs, doorNumber) or address ID |
| usageType | PT | Optional | Permitted Values:   * ‘1-Telephone’ * ‘2-SemiAutomaticFax’ * ‘3-AutomaticFax’ |
| confidentialityFlag | PT | Mandatory | Permitted 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 | PT | Optional | Permitted 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 | PT | Mandatory | Permitted Values:   * ‘n-not\_opposed\_reversesearch’ = available in reverse search (not confidential) * ‘s-opposed\_reversesearch’ = not available in reverse search (confidential) (Default) |
| keepCurrentSettings | NL | * Mandatory for Port-In * NA for activation and address update | Will be used in a Port-In order to specify that if a customer wishes to retain the existing DS entry as provided to the Regulator by the current Operator.  keepCurrentSettings field is only applicable in PortIn orders and is not visible in a 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. |
| electronicDirectory | NL | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No * NA for Port-In Order if keepCurrentSettings=Yes | Will be used to specify the 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 Permitted Values: • Yes = visible in Electronic Directories listing • No = not visible in Electronic Directories listing |
| subscriberInformation Services | NL | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No * NA for Port-In Order if keepCurrentSettings=Yes | 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 | NL | * Mandatory for Activation and Address Update (‘ADD’) * Mandatory for Port-In Order if keepCurrentSettings=No * NA for Port-In Order if keepCurrentSettings=Yes | 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 Permitted Values: • Yes = CLI to be masked in the invoices • No = CLI can be visible in the invoices |
| orderType | IT, CH, AT | Mandatory | Permitted Values:   * New * Cease * Amend   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.  **IT:** Applicable only in Address Update only.  **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. |
| oldTelephoneNumber | IT, CH | Optional | **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. |
| companyEmailAddress | IT, CH | Optional | Email Address |
| additionalIinstructions | IT | Optional | Additional Address (ULTERIORE INDIRIZZO)  It can be used for Web Site or Branch address (More than 1 address) |
| importAndCease | IT | Mandatory | Permitted Values:  • Yes = Import and cease all the listings.  • No = No Import and cease all the listings.  The gaining CP can choose to Import(Number Portability) and Cease all the listings associated with a particular telephone number, providing the losing CP does not Cancel Export. On successful execution of this, the telephone number ownership will be changed to that of the gaining CP, and all the associated listings for the telephone number No further actions are required from the losing operator who only have to publish the Port-out in their DSU dB  Required only in Portin Operation when DSU changes required.  If Yes then the values of below fields will be Optional  •amalgamateWithVAT  •PaperDirectories  •InformationServices  •DerivativeResearch  •ReceiveAdvertisingcalls  •ReceiveAdvertisingmails |
| amalgamateWithVAT | IT | Mandatory | Amalgamate Numbers with VAT/Tax code.  Permitted Values:   * No = No grouping * Yes = Grouping |
| customerType | IT , AT | Mandatory | Permitted Values:  IT:   * Business * Residential   AT:   * Business * Residential * Mixed |
| endCustomerName | IT, AT | Mandatory/ Conditional Mandatory | IT: Mandatory if Customer Type is Business  AT:  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. |
| customerVATnumber | IT, AT | Mandatory | Mandatory if Customer Type is Business |
| firstName | IT, AT | Mandatory | IT: If Customer Type is Residential then First and Last Name is Mandatory.  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 | IT, AT | Mandatory | IT: If Customer Type is Residential then First and Last Name is Mandatory.  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 | IT | Mandatory | If Customer Type is Residential then Fiscal Code is Mandatory. |
| qualifier | GB | Optional | 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. |
| 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 | GB, IT, IE , AT | Optional | 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 |
| subHeader | GB | Optional | 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) |
| subSubHeader | GB | Optional | 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 |
| subSubSubHeader | GB | Optional | 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 |
| entryType | GB | Mandatory | Permitted Values:   * DE: Directory Entry –will feed to all directory products including the local BT Phone Book if it is a Main DQ listing. Only business listings are passed to Classified products. * 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. |
| listingType | GB | Mandatory | Permitted Values:   * DQMain * DQAdditional * PB |
| typeface | GB | Mandatory | Permitted Values:   * Ordinary * Bold * Superbold   Bold or Superbold typefaces are only applicable to PB Listing Type. Ordinary typefaces are only applicable to DQMain and DQAdditional Listing Type.  The values defined for "Typeface" are conditional upon the selection of "Listing Type" Field values. |
| listingCategory | GB, IE | Mandatory | Permitted Values:   * Single * Group |
| priority | GB | Mandatory | Permitted Values:   * 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. |
| directMarketingPreference | IE | Optional | Permitted values:   * Y * N |
| isFaxNumber | AT | Optional | Is the DSU Telephone number a Fax number    Allowed values:   * Yes * No (Default) |

In other countries (Austria, Germany), *updateDirectoryServices* API allows you to update phonebook publication when cliStatus = Activated & PortIn\_Activated. Please refer to Service Matrix for country implementation and details.

# **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.

### Order Status [transactionStatus]

port-out transaction might have additional status [**transactionStatus**] 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, DE, 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 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’. |

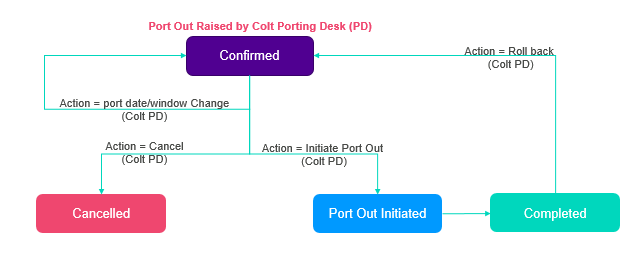
##### **All countries except PT, NL, AT, BE, CH (no customer action required)**

###### Description

In those countries, no action is required form you.

###### transactionStatus update

Below image provides you high level flow:



###### Output/Response

A parent **transactionID** will be generated, with transactionStatus = ‘Confirmed’.

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

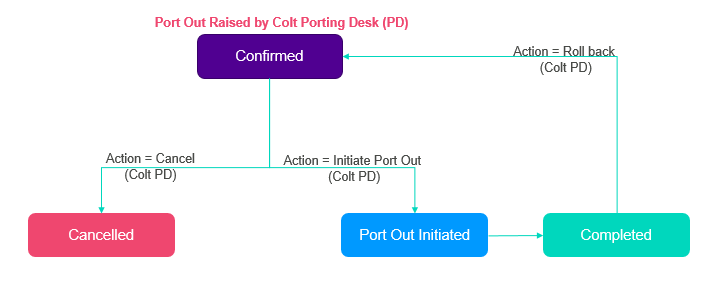
##### **Port-Out in PT (no customer action required)**

###### Description

In those countries, no action is required form you.

###### transactionStatus update

Below image provides you high level flow:



###### Output/Response

A parent **transactionID** will be generated, with transactionStatus = ‘Confirmed’.

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

##### **Austria, Belgium, Germany ,Netherlands, Switzerland (customer action required) [transactionDataUpdate API]**

###### Description

In those countries, you are requested to accept or reject the port-out, using *transactionDataUpdate* API.

In case of rejection, reason will be required.

###### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **originaltransactionId** | Mandatory | portIn order transactionID you would like to schedule. |
| **updateType** | Mandatory | Value = ‘Status’. |
| **newStatus** | Mandatory | Value = ‘Confirmed’ or ‘Rejected’. |
| **portRejectionReasonBE** | Mandatory for BE | Please input value as per XSD. |
| **portRejectionReasonDE** | Mandatory for DE | Please input value as per XSD. |
| **portRejectionReasonAT** | Mandatory for AT | Please input value as per XSD. |
| **portRejectionReasonCH** | Mandatory for CH | Please input value as per XSD. |
| **[switchMaintainer]** | Mandatory | Please refer to section 6.2.3 |
| **notes** | Optional | If you want to share additional information with Colt Porting Desk.   * Maximum length: 2048 characters. |
| **user** | Mandatory | Username placing the request. |

###### Output/Response

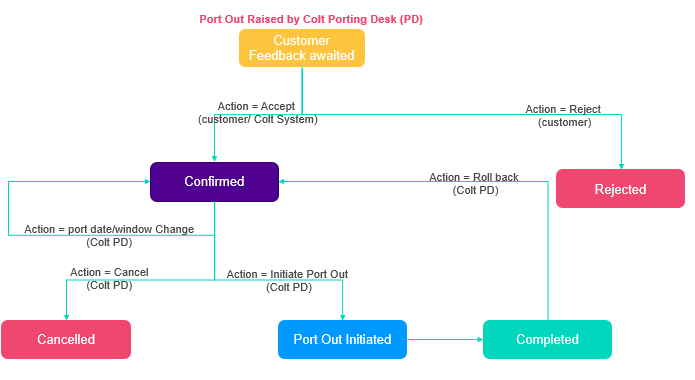
A parent **transactionID** will be generated, with transactionStatus = ‘Customer Feedback awaited’.

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

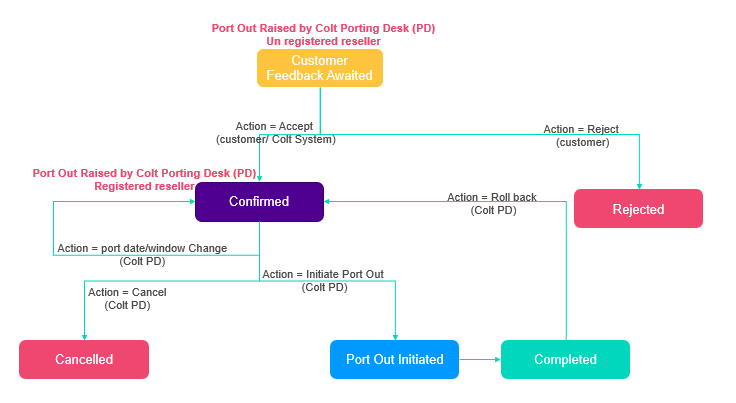
##### **transactionStatus update**

Below image provides you high level flow in

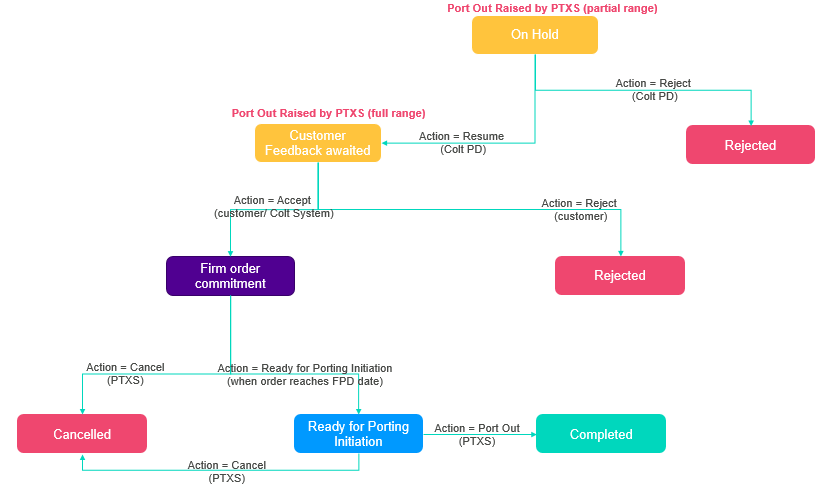
###### **Austria, Belgium, Switzerland**



###### **Germany**



###### **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.

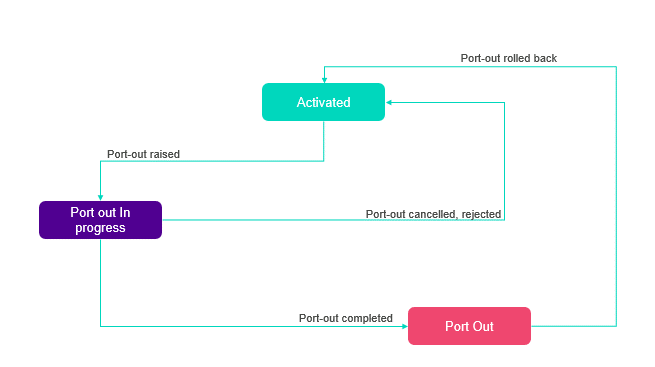
### Number Status [transactionStatus]

Port-Out can be raised for ‘Activated’, “Port-In Activated’, ‘Quarantined’ and ‘Port-In Quarantined’ numbers.

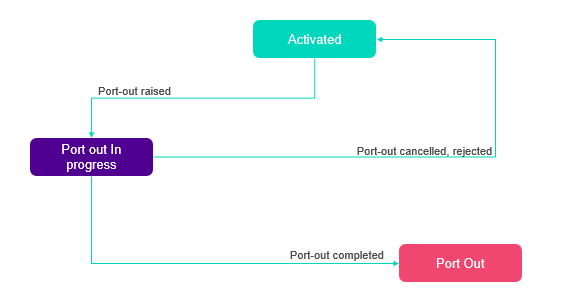
Below describes the number life cycle for Port-Out journey

##### **Colt Owned Activated Numbers**

###### **All including Zone B countries, except DE and NL**

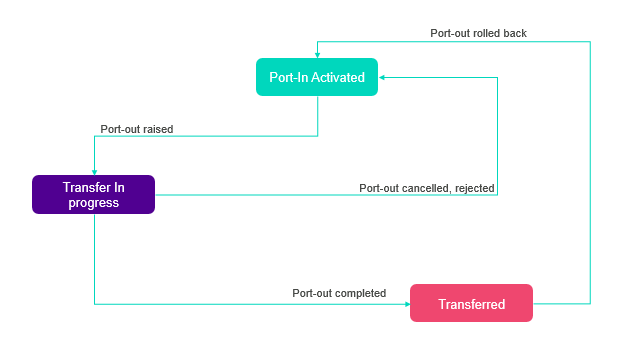


###### **Netherlands**

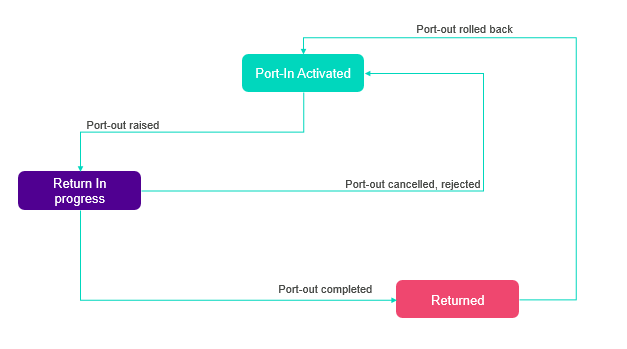


##### **Ported-In Activated Numbers**

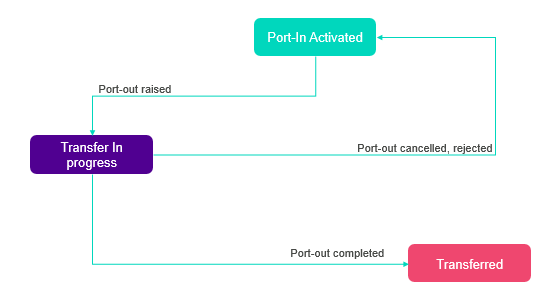
###### **All including Zone B countries, except AT, IT, DE and NL**



###### **Austria and Italy**

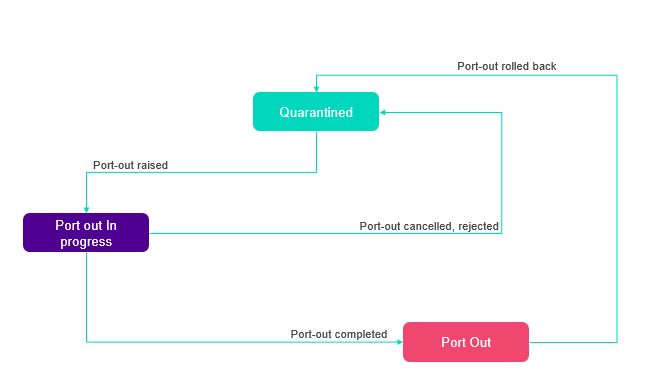


###### **Netherlands**

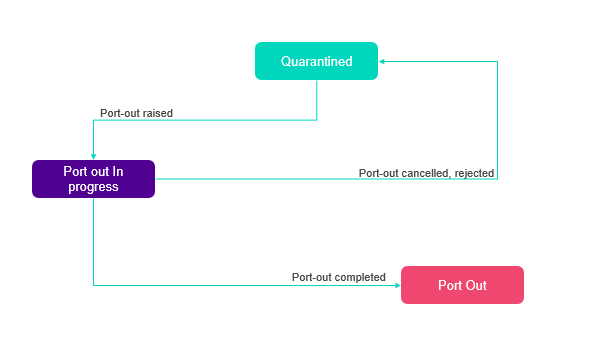


##### **Colt Owned Quarantined Numbers**

###### **All including Zone B countries, except DE and NL**

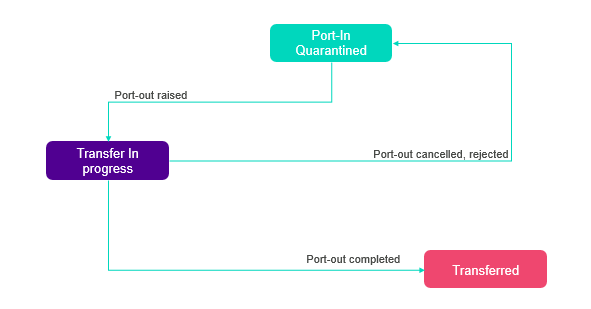


###### **Netherlands**

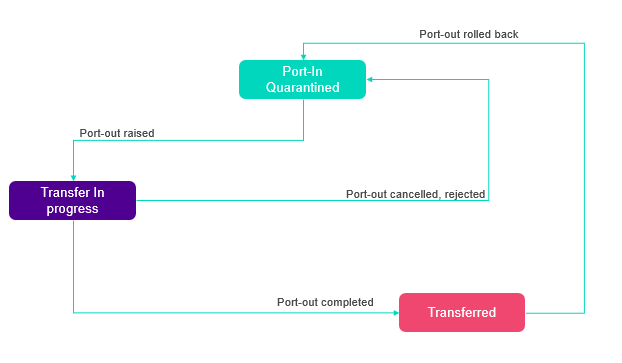


##### **Ported-In Quarantined numbers**

###### **Netherlands**



###### **France, Portugal, Spain, Switzerland**



# **Return Number**

## cancelReservation

### Description

You can return number to Colt by cancelling the number reservation using below API:

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

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | Please refer to section 3.3 |
| **userName** | Mandatory | Username placing the request |

### cliStatus update

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

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

## numberDeactivation

### Description

You can return number to Colt by deactivating activated/Port-In activated numbers using below API:

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

### Number Deactivation rules for NL

Full and partial deactivation of numbers will be supported in the Netherlands

* You can deactivate an entire range of numbers today and these numbers go into quarantine for 180 days.
* Post deactivation,  the number range will be put into quarantine status for 180 days as today.
  + You will not be allowed to deactivate the entire range if there are active end customers associated with the numbers.
  + You are responsible for ensuring that there are no active end customers using the numbers before placing the deactivation request.
* **For PREMIUM customers only**:
* a number deactivation on a preactivated range will be put into quarantine for 180 days.
* Each quarantined number in the preactivated range can be reclaimed within the first 60 days of the quarantine period and assigned back to the same end customer.
* If an end customer wishes to port out a number within the first 60 days of the quarantine period,  then they will be allowed to port out the number (as long as the latest end customer details match).

**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’

### Partial Deactivation (All countries except DE, IT, CH and Zone B countries)

* applicable **for Premium customers** only
* Partial deactivation can only be done in blocks of 1,10, 100. Non-standard blocks will be rejected.
* If partial deactivation happens then the original range will be auto split into 1,10,100 blocks.. example: 0-99 is activated and partial deactivation is placed on 45-46
* number enquiry SOAP API, numberCollection REST API and My Telephone number page on NOD will show 45-46 in Quarantined status as single numbers.
* rest of the activated numbers will be split as below:

0-9, 10-19, 20-29, 30-39,

40,41,42,43,44,47,48,49,

50-59, 60-69, 70-79,80-89,90-99

* Numbers which are deactivated will move into quarantine for 180 days
* For Port-In activated numbers, partial deactivation is also supported
* In Spain, if Usage Type is 'Assign to 3rd party', partial deactivation will not be allowed

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | Please refer to section 3.3 |
| **userName** | Mandatory | Username placing the request |

### cliStatus update

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Current cliStatus | target cliStatus | Next Possible Action(s) |
| *numberDeactivation* | All | Activated | Quarantined | numberReactivation |
| *numberDeactivation* | NL, PT, FR, SE, ES, CH, IT | PortIn\_Activated | PortIn\_Quarantined | portInReactivation |
| *numberDeactivation* | ES | PortIn\_Activated | PortIn\_Quarantined | portInReactivation |
| *numberDeactivation* | AT, BE, DK, IE, GB | PortIn\_Activated | Returned | N/A |

### Output/Response

A transactionID will be generated and returned back to you.

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

## Reactivate Quarantined Number [numberReactivation & portInReactivation APIs]

### Description

You can reactivate number during its quarantine period only using:

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

| Résultat de recherche d'images pour "important message icon" | * Quarantine period varies per country and number source. Please check Service Matrix for more information. * if cliStatus = PortIn\_Quarantined → partial reactivation allowed in NL. |
| --- | --- |

**Reactivation and Port-In reactivation for NL**

* You can reactivate a range which was deactivated earlier (within the first 60 days of the quarantine window) and the previously active end customers associated with that range must be able to continue using the numbers post reactivation.

* You cannot reactivate the range after the 60 days of the quarantine period have elapsed.
* PREMIUM customer only: Reactivation can also be performed on preactivated numbers which have been quarantined within the first 60 days of the quarantine period.

### Input parameter(s)

Only number (range) you would like to reactivate is required, i.e., *startFullNumber* and *endFullNumber*.

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **Country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **startFullNumber** | Mandatory | Please refer to section 3.3 |
| **endFullNumber** | Mandatory | Please refer to section 3.3 |
| **userName** | Mandatory | Username placing the request |

### cliStatus update

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| API Called | Country | Current cliStatus | target cliStatus | Next Possible Action(s) |
| *numberReactivation* | All | Quarantined | Activated | Address Update, Number Deactivation |
| *portInReactivation* | FR, NL, PT, ES, SE, CH, IT | PortIn\_Quarantined | PortIn\_Activated | Address Update, Number Deactivation |

### Output/Response

A transactionID will be generated and returned back to you.

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

# **Order Management**

## Get Order Details [getTransactionDetails API]

### Description

*getTransactionDetails* API returns order status & details for a given transactionID.

Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **transactionId** | Mandatory | transactionID you would like to get status and details. |

### Output/Response

For the given transactionID, full details will be returned, such as: transactionType, transactionId, transactionDate, transactionStatus, transactionDescription, [cliDetails], [endCustomerDetails], [endCustomerAddress], username, portingDetails, parentTransactionID(for child orders only) …

Please find below an example:

|  |
| --- |
| *<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">*  *<soapenv:Body>*  *<ser-root:getTransactionDetailsResponse xmlns:ser-root="http://www.colt.net/numberHosting/v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">*  *<getTransactionDetailsResponse>*  *<nh:getTransactionDetailsResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">*  *<nh:header>*  *<nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>*  *</nh:header>*  *<nh:transactionDetails>*  *<nhm:transactionType xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Number Activation</nhm:transactionType>*  *<nhm:transactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">90e5fb22-1b09-4652-a7d7-714ac59184b0</nhm:transactionId>*  *<nhm:cliDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:startFullNumber>+33298970000</nhm:startFullNumber>*  *<nhm:endFullNumber>+33298970009</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:transactionDate xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">2022-10-19T02:43:38.000+01:00</nhm:transactionDate>*  *<nhm:endCustomerDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:endCustomerName>Colt</nhm:endCustomerName>*  *<nhm:endCustomerAddress>*  *<nhm:premisesNumber>23</nhm:premisesNumber>*  *<nhm:streetName>PIERRE VALETTE</nhm:streetName>*  *<nhm:cityTown>MALAKOFF</nhm:cityTown>*  *<nhm:postalZipCode>92240</nhm:postalZipCode>*  *<nhm:country>FR</nhm:country>*  *<nhm:streetType>RUE</nhm:streetType>*  *<nhm:province>HAUTS DE SEINE</nhm:province>*  *<nhm:addressID>1-829IDL</nhm:addressID>*  *</nhm:endCustomerAddress>*  *</nhm:endCustomerDetails>*  *<nhm:userName xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">colt345</nhm:userName>*  *<nhm:transactionStatus xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:transactionStatus>Completed</nhm:transactionStatus>*  *<nhm:transactionDescription>Request has been processed successfully.</nhm:transactionDescription>*  *<nhm:errorDescription/>*  *</nhm:transactionStatus>*  *<nhm:portNumberDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+33298970000</nhm:startFullNumber>*  *<nhm:endFullNumber>+33298970009</nhm:endFullNumber>*  *</nhm:cliDetails>*  *</nhm:portNumberDetails>*  *<nhm:emergencyAddress xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:premisesNumber>23</nhm:premisesNumber>*  *<nhm:streetName>PIERRE VALETTE</nhm:streetName>*  *<nhm:cityTown>MALAKOFF</nhm:cityTown>*  *<nhm:postalZipCode>92240</nhm:postalZipCode>*  *<nhm:country>FR</nhm:country>*  *<nhm:streetType>RUE</nhm:streetType>*  *<nhm:province>HAUTS DE SEINE</nhm:province>*  *</nhm:emergencyAddress>*  *<nhm:customerRef xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Colt test</nhm:customerRef>*  *<nhm:originaltransactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0"/>*  *<nhm:isTriPartyAvailable xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Yes</nhm:isTriPartyAvailable>*  *</nh:transactionDetails>*  *</nh:getTransactionDetailsResponse>*  *</getTransactionDetailsResponse>*  *</ser-root:getTransactionDetailsResponse>*  *</soapenv:Body>*  *</soapenv:Envelope>* |

**NL**:

The API response will be changed to return the Emergency database & Directory Services details for the entire CLI range list in a newly defined block as shown below

*<transactionDetails>*

*.*

*.*

*.*

*<NLCLILevelEDBDS>*

*<NLCLIParent>*

*<cliDetails>*

*<rangeStart>000<rangeStart>*

*<rangeEndt>099</rangeEnd>*

*</cliDetails>*

*<NLCLIChild>*

*<cliDetails>*

*<rangeStart>045<rangeStart>*

*<rangeEndt>046</rangeEnd>*

*</cliDetails>*

*<emergencyAddress>*

*</emergencyAddress>*

*<directoryServicesDetails>*

*</directoryServicesDetails>*

*</NLCLIChild>*

*</NLCLIParent>  
</ NLCLILevelEDBDS>*

*</ transactionDetails>*

|  |
| --- |
| *<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">*  *<soapenv:Body>*  *<ser-root:getTransactionDetailsResponse xmlns:ser-root="http://www.colt.net/numberHosting/v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">*  *<getTransactionDetailsResponse>*  *<nh:getTransactionDetailsResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">*  *<nh:header>*  *<nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>*  *</nh:header>*  *<nh:transactionDetails>*  *<nhm:transactionType xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Number Activation</nhm:transactionType>*  *<nhm:transactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">861bb092-b785-4999-9bf0-0c5a97a67174</nhm:transactionId>*  *<nhm:cliDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:areaCode>010</nhm:areaCode>*  *<nhm:areaCodeExtn>899</nhm:areaCodeExtn>*  *<nhm:rangeStart>6920</nhm:rangeStart>*  *<nhm:rangeEnd>6929</nhm:rangeEnd>*  *<nhm:startFullNumber>+31108996920</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996929</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:transactionDate xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">2023-03-25T10:49:09.000Z</nhm:transactionDate>*  *<nhm:endCustomerDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:endCustomerName>My Customer</nhm:endCustomerName>*  *<nhm:customerType>Business</nhm:customerType>*  *<nhm:endCustomerAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:endCustomerAddress>*  *</nhm:endCustomerDetails>*  *<nhm:directoryServices xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:informationServices>No</nhm:informationServices>*  *<nhm:electronicDirectory>No</nhm:electronicDirectory>*  *<nhm:numberMasking>No</nhm:numberMasking>*  *</nhm:directoryServices>*  *<nhm:userName xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">YChoudhary1</nhm:userName>*  *<nhm:transactionStatus xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:transactionStatus>Completed</nhm:transactionStatus>*  *<nhm:transactionDescription>Request has been processed successfully.</nhm:transactionDescription>*  *<nhm:errorDescription/>*  *</nhm:transactionStatus>*  *<nhm:portNumberDetails xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:cliDetails>*  *<nhm:areaCode>010</nhm:areaCode>*  *<nhm:areaCodeExtn>899</nhm:areaCodeExtn>*  *<nhm:rangeStart>6920</nhm:rangeStart>*  *<nhm:rangeEnd>6929</nhm:rangeEnd>*  *<nhm:startFullNumber>+31108996920</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996929</nhm:endFullNumber>*  *</nhm:cliDetails>*  *</nhm:portNumberDetails>*  *<nhm:emergencyAddress xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:originaltransactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0"/>*  *<nhm:NLCLILevelEDBDS xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">*  *<nhm:NLCLIParent>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996920</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996929</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:NLCLIChild>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996924</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996929</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:emergencyAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:directoryServicesDetails>*  *<nhm:informationServices>Yes</nhm:informationServices>*  *<nhm:electronicDirectory>Yes</nhm:electronicDirectory>*  *<nhm:numberMasking>Yes</nhm:numberMasking>*  *<nhm:keepCurrentSettings>No</nhm:keepCurrentSettings>*  *</nhm:directoryServicesDetails>*  *</nhm:NLCLIChild>*  *<nhm:NLCLIChild>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996920</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996920</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:emergencyAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:directoryServicesDetails>*  *<nhm:informationServices>Yes</nhm:informationServices>*  *<nhm:electronicDirectory>No</nhm:electronicDirectory>*  *<nhm:numberMasking>No</nhm:numberMasking>*  *<nhm:keepCurrentSettings>No</nhm:keepCurrentSettings>*  *</nhm:directoryServicesDetails>*  *</nhm:NLCLIChild>*  *<nhm:NLCLIChild>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996922</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996922</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:emergencyAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:directoryServicesDetails>*  *<nhm:informationServices>Yes</nhm:informationServices>*  *<nhm:electronicDirectory>Yes</nhm:electronicDirectory>*  *<nhm:numberMasking>No</nhm:numberMasking>*  *<nhm:keepCurrentSettings>No</nhm:keepCurrentSettings>*  *</nhm:directoryServicesDetails>*  *</nhm:NLCLIChild>*  *<nhm:NLCLIChild>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996923</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996923</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:emergencyAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:directoryServicesDetails>*  *<nhm:informationServices>No</nhm:informationServices>*  *<nhm:electronicDirectory>No</nhm:electronicDirectory>*  *<nhm:numberMasking>No</nhm:numberMasking>*  *<nhm:keepCurrentSettings>No</nhm:keepCurrentSettings>*  *</nhm:directoryServicesDetails>*  *</nhm:NLCLIChild>*  *<nhm:NLCLIChild>*  *<nhm:cliDetails>*  *<nhm:startFullNumber>+31108996921</nhm:startFullNumber>*  *<nhm:endFullNumber>+31108996921</nhm:endFullNumber>*  *</nhm:cliDetails>*  *<nhm:emergencyAddress>*  *<nhm:premisesNumber>40</nhm:premisesNumber>*  *<nhm:streetName>Dr. Molewaterplein</nhm:streetName>*  *<nhm:cityTown>Rotterdam</nhm:cityTown>*  *<nhm:postalZipCode>3015GD</nhm:postalZipCode>*  *<nhm:country>NL</nhm:country>*  *</nhm:emergencyAddress>*  *<nhm:directoryServicesDetails>*  *<nhm:informationServices>No</nhm:informationServices>*  *<nhm:electronicDirectory>No</nhm:electronicDirectory>*  *<nhm:numberMasking>Yes</nhm:numberMasking>*  *<nhm:keepCurrentSettings>No</nhm:keepCurrentSettings>*  *</nhm:directoryServicesDetails>*  *</nhm:NLCLIChild>*  *</nhm:NLCLIParent>*  *</nhm:NLCLILevelEDBDS>*  *</nh:transactionDetails>*  *</nh:getTransactionDetailsResponse>*  *</getTransactionDetailsResponse>*  *</ser-root:getTransactionDetailsResponse>*  *</soapenv:Body>*  *</soapenv:Envelope>* |

|  |  |
| --- | --- |
| 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. |

## Get List of Orders [getTransactionList API]

### Description

*getTransactionList* API returns list of orders for your search criteria (e.g., all completed activation over the last week).

### Input parameter(s)

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **senderSystem** | Mandatory (Default) | Value = Xml |
| **creationTime** | Optional | Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **serviceProfile** | Mandatory | Your Service Profile. Upper case alphanumeric only.  Ex (FR): A29 |
| **productID** | Mandatory (Default) | Value = Geographic Number Hosting |
| **country** | Mandatory | Country Code. Upper case alphanumeric only.  Ex: GB for United Kingdom, FR for France, … |
| **dateFrom** | Optional | If you want to filter based on order creation date, please input the start date here.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **dateTo** | Optional | If you want to filter based on order creation date, please input the end date here.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’ |
| **transactionType** | Optional | If you want to filter based on type of order, e.g., Number Activation, please input it here. |
| **transactionStatus** | Optional | If you want to filter based on type of order, e.g., Number Activation, please input it here. |
| **transactionUpdateDateFrom** | Optional | If you want to filter based on order last update date, please input the start date here.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’  Ex: 2020-03-24T12:07:00.000Z |
| **transactionUpdateDateTo** | Optional | If you want to filter based on order last update date, please input the end date here.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’ |

### Output/Response

For each record, below information will be returned:

|  |  |
| --- | --- |
| Parameter | Description |
| **transactionType** | Transaction type (number activation, ,…). |
| **transactionId** | transactionID. |
| **transactionDate** | Transaction last update date.  Format: yyyy-MM-dd’T‘hh:mm:ss.SSS‘Z’ |

Please find below an example:

|  |
| --- |
| *<getTransactionListResponse>*  *<nh:getTransactionListResponse xmlns:nh="http://www.colt.net/xml/ns/NumberHosting/v1.0">*  *<nh:header>*  *<nhm:status xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">SUCCESS</nhm:status>*  *</nh:header>*  *<nh:transactionList>*  *<nhm:transactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">3b63c880-5008-453d-898e-cd63bebfe8ba</nhm:transactionId>*  *<nhm:transactionType xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Number Reservation Cancellation</nhm:transactionType>*  *<nhm:transactionDate xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">2020-01-25T04:13:34.000Z</nhm:transactionDate>*  *</nh:transactionList>*  *<nh:transactionList>*  *<nhm:transactionId xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">36160109-ac6a-4ebc-9de7-159b831a8e12</nhm:transactionId>*  *<nhm:transactionType xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">Update End Customer Detail</nhm:transactionType>*  *<nhm:transactionDate xmlns:nhm="http://www.colt.net/xml/ns/cbe/nhm/v1.0">2020-01-22T11:10:02.000Z</nhm:transactionDate>*  *</nh:transactionList>*  *</nh:getTransactionListResponse>* |

## API Call Back

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** | The below are required to setup API Call Back:   * To host HTTPS REST JSON API end point as per Colt specification. * To enable client certificate-based authentication mechanism. * To provide an email address for automated alert in case of calls failures   The same will be configures at service profile level. |
| **Authentication** | Authentication is certificate based; Colt certificate needs to be configured at Customer end.  Colt certificate can be downloaded using Colt API end point. Please refer to the Colt Number Hosting API guide for Colt API end point URL. |
| **Retry mechanism** | Retry happens when Colt is not able to reach customer end point.  Please find below service description:   * 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 call to the API endpoint successes again, all pending records will be updated. * Customer is notified a first time via email after three consecutive failures (i.e., approximatively after 15 minutes), then every six consecutive failures (i.e., approximatively every 30 minutes). * Update on pending records is available for records not older than 10 days.   In case of calls failure and no customer update, Colt may turn off notification service on customer’s behalf at the end of the next business day.  In case of notification mode change (from API Call Back to email notification), all pending records will not be processed through new notification mode. |

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  } |

# **APPENDIX A: XSDs**

The structure is updated in the XSD in these links: [link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Wholesale%20SIP%20-%20March%202025%20Release%20Notes/nhm_cbe_v3.25.xsd) and [link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Wholesale%20SIP%20-%20March%202025%20Release%20Notes/NumberHostingServices_v3.25.xsd)

# **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’ ,’96a’ 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.

| 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: 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 | **triPartyAgreement** | *numberActivation*  *updateEndCustomerAddress* |
| triPartyAgreementFileName | documentNameType  string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| triPartyAgreementFileContent | string($base64) maxLength: 5242880  5MB |
| All | **portingAuthority** | *portIn*  *transactionDataUpdate* |
| letterOfAuthorityFileName | string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| letterOfAuthorityFileContent | string($base64) maxLength: 5242880  5MB |
| invoiceDocumentFileName | string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
| invoicedocumentFileContent | string($base64) maxLength: 5242880  5MB |
| supplementaryDocumentFileName | string pattern: *^.\*((\.docx$)|(\.pdf$)|(\.doc$)|(\.csv$))* |
| supplementaryFileContent | string($base64) maxLength: 5242880  5MB |
| NL | **portAttachment** | *portIn* |
|  | regulatoryAssignmentFileName | string pattern: ^.\*((\.docx$)|(\.pdf$)|(\.doc$)) |
|  | regulatoryAssignmentFileContent | string($base64) maxLength: 5242880  5MB |