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| Colt Number Hosting  26th Nov 2022 Release Notes |

# Introduction

This document describes the Colt Number Hosting 26th November 2022 release.

The release will focus on:

* Number Hosting Country Expansion
* Support for hosted customer numbers in France
* Number on Demand & API improvements

**These changes might imply development at your end, so please read this document carefully.**

The changes in this release require your support during our test period. The Customer UAT is planned from 24th Oct 2022 to 11th Nov 2022. Please get in touch with [NumberHostingUATSupportTeam@COLT.NET](mailto:NumberHostingUATSupportTeam@COLT.NET) if you would like to participate in the UAT.

# Document change control

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| --- | --- |
| **Version** | **Change description** |
| V1 | 19th Nov 2022 Release note |
| V2 | Updated below features and functionalities for new countries   1. Free number search is possible 2. Direct activation is possible 3. EDB update is available   Updated ‘numberEnquiry’ for France |
| V3 | Updated below   1. Release date updated from 19th Nov to 26th Nov. 2. Customer UAT dates updated 3. Poland removed from Nov release and planned for Q1 2023 4. From 26th Nov to 8th Jan the tri-party agreement in France will be optional and from 9th Jan it will become mandatory. A reminder will be sent for this breaking code change in mid December. |

# Country Expansion

We are expanding Number Hosting into the following countries in Nov 2022.

Luxembourg (LU), Norway (NO), Slovakia (SK), Finland (FI), Czech Republic (CZ) and Romania (RO).

Poland (PL) will be available in Q1 2023.

## Features & functionality

A high level view of the functionality is below.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Interface | LU | NO | SK | FI | CZ | PL | RO |
| **Customer Type supported** | All | Business | | | | | | |
| **Product Offering** | All | Standard and Premium | | | | | | |
| **Dialling Code (E164)** | All | +352 | +47 | +421 | +358 | +420 | +48 | +40 |
| **Number length**  (including +country code) | All | 8-15 | 11 | 13 | 9-13 | 13 | 12 | 9 or 12 |
| **Geo Number**  Colt Coverage | All | N/A | Full | Partial | Partial | Full | Partial | Partial |
| **Geo Number**  Port-In Coverage | All | N/A | Full | Full | Full | Full | Full | Full |
| **Location Independent Number** | No | Yes | No | No | No | No | No | No |
| **New Range from Regulator Indicative Leadtime (in weeks)** | - | 8 | 4 | 8 | 4 | 3 | 3 | 3 |
| **Number Search**  Search by OrderID, customer Reference, status, CLI  Free Number search is supported | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Number Reservation**  Block size supported: 1,10,100 | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Cancel Reservation** | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **LAC validation** | All | No | No | Yes (city) | No | Yes (province) | Yes (city) | Yes (city) |
| **EDB** | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Number Activation (Reserved 🡪 activated)**  Pre-activation for PREMIUM offering will be supported  Direct Activation (Free 🡪 Activated) will be supported | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Bulk Activation**  Max orders supported: 20 | NOD | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Bulk Activation**  Max orders supported: 200 | SOAP API | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Address Update**  Full range only for STANDARD Offering  Full & Partial for PREMIUM Offering | All | Yes | Yes | Yes | Yes  (Full range only) | Yes  (Full range only) | Yes | Yes |
| **Bulk Address Update**  Full range only  Max orders supported: 200 | SOAP API | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Port-In**  Max ranges supported per order: 20 | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Bulk Port-In**  Max orders supported: 20 | NOD | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Bulk Port-In**  Max orders supported: 200 | SOAP API only | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Porting windows** | All | 0800-1100  1300-1600 | 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600 | 0900-1600 | 1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1600-1700 | 09:00-10:00  10:00-11:00  11:00-12:00  12:00-13:00  13:00-14:00  14:00-15:00  15:00-16:00  16:00-17:00 | 09:00-17:00  Customer don’t provide date. It is given by donor carrier and will be updated by Colt’s White Label team | 10:00-14:00 |
| **Portin Min Lead Time** | All | 10 < D | 23 < D | 17 < D | 9 < D | 7<D | 16<D | 5 < D |
| **PortIn cancellation**  In working days before agreed FOC date | All | 3 | 4 | 4 | 3 | 4 | 4 | 3 |
| **PortIn Date Change**  In working days before agreed FOC date | All | 4 | 4 | 4 | 3 | 4 | 4 | 5 |
| **Modify port**  When order is in Customer Feedback Awaited status | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Port-Out**  Confirm and Reject | NOD and SOAP API | No | No | No | No | No | No | No |
| **Port-Out**  Colt Owned (Partial/subrange) | All | Yes | Yes | Yes | Yes | No | Yes | Yes |
| **Port-Out**  Ported-In (Partial/subrange) | All | No | No | No | No | No | No | No |
| **Number Deactivation and Reactivation**  Full range only | All | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Port-In Number deactivation**  To be requested to GSIP team (email id: [GSIPvoicesupport@colt.net](mailto:GSIPvoicesupport@colt.net)) | NOD | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **GET SOAP APIs**  getTransactionDetails  getTransactionList  getNumberDetail  getTelephoneNumberHistory  numberEnquiry | SOAP API | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **GET REST API**  /order/{orderId}  /numberCollection | REST API | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **GET** validGeographicAddress | REST API | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **automated notifications**  callBack and email | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

* For Local area codes supported in FI, NO and SK, please refer to Appendix C: LAC coverage in FI, NO, LU, SK, CZ, PL, RO*.*
* For ‘Current operator’ allowed for these countries, please refertoAppendix D: Allowed Operators in FI, NO, LU, SK, CZ, PL, RO for port-in*.*

# Hosted Customer Numbers in France

On 16th August we shared the latest Q&A with you, which covered 2 important Regulatory changes impacting the use of phone numbers in France, which come into effect on 1st January 2023:-

1. The resale of geographic and location independent numbers for outbound voice services will be forbidden
2. France will no longer have 400+ local area codes. 01-05 numbers will be available for use throughout France

The impacts of these Regulatory changes on your use of our Number Hosting APIs & Numbers on Demand is covered in the table below, which we will roll out ahead of the regulatory deadline in this November release:-

|  |  |
| --- | --- |
| Functionality | Changes are highlighted |
| Number Enquiry | 2 options to get Free Numbers:   1. **Geo Numbers:**   Local area code: 1,2,3,4,5  Area code extension: no longer required  Number Type: Geo  Number Category: IPGEO  Block Size: 1,10,100  Quantity: 1,2,…9   1. **Location Independent Number: NEW**   Number Type: Non Geo  Number Category: VOIP  Block Size: 1,10,100  Quantity: 1,2,…9 |
| Number Enquiry | ‘IsCustomerOwned’ flag will be returned in numberEnquiry response |
| Number Enquiry | Search by City- disabled |
| LAC validation | No longer applicable |
| Address Validation | Yes – will continue to be supported, no change |
| Emergency Call Routing | Yes – will continue to be supported, no change |
| Number Reservation | Allowed for   * Geo and Location independent numbers * Colt Owned or Customer Owned Numbers |
| Number Activation | Allowed for   * Geo and Location independent numbers * Colt Owned or Customer Owned Numbers |
| Tri-party Agreement | If the customer has opted for Colt Owned Numbers, then from 9th January 2023 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   From 26th Nov to 8th Jan the tri-party agreement will be optional.  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 19th Nov release. |
| callBack API | For all order milestones, callBack notifications will be sent from Colt |

# Numbers on Demand (NOD) and B2B API improvements

Below are some improvements targeted for 19th Nov 2022. Updated XSDs and API OAS specifications are present in the Appendix.

| Functionality | Interface | Improvement Description | Country Scope |
| --- | --- | --- | --- |
| Porting notification | All | Porting Orders which are completed manually with the help of backend updates currently do not trigger the completion notification.  We are introducing a scheduler which will pick up such transactions for Port-In/Out and trigger a notification to the email ID provided while raising the parent order ID | All |
| New PortIn, Modify portIn and Change Portin date | All | The holiday calendar will be integrated with the listed functionalities.  The user will be blocked if the selected porting date is a public holiday for the country whilst raising a port-in, change portin date or modify port request. | All |
| Number Enquiry, Number activation, Address Update, new PortIn | All | In Germany a few postcodes in the series 67\* and 68\* have the same LAC 621. But the number series to be allocated for 2 different cities with the same LAC 621 should be different.  **Free number search:**  A mandatory field 'Post Code' must be entered by the user while searching for free numbers with LAC 621.  The user will get numbers with the following series in Free number search if postcode starts with 67\* or 68\*   * If postcode 67\*, the user will get numbers starting with 5, 6, 95, 96, 99 * If postcode 68\*, the user will get numbers starting with 1,2,3,4,7,8,90,91,92,93,94,97,98   **Number Activation, New PortIn and Address update:**  Addresses with postcode 67\* and LAC 621 should get numbers starting with 5\*, 6\*, 95\*, 96\*, 99\*  Addresses with postcode 68\* and LAC 621 should get numbers starting with 1,2,3,4,7,8,90,91,92,93,94,97,98  If the LAC is 621 and there is a mismatch between the LAC and the number/DDI, the system does not allow the user to submit the order. | DE |
| API Call Back notifications | All | Port transaction Update call back API notifications will now have the Parent Transaction ID along with other fields in the notification | All |

# Appendix A: XSD

The structure is updated in the XSD in these links: [Link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Nov%20Release%20Notes/NumberHostingServices_v3.15.xsd) and [Link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Nov%20Release%20Notes/nhm_cbe_v3.15.xsd)

# Appendix B: API specifications

## OAS Specification for NH APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Nov%20Release%20Notes/numberManagement_v2.0.3_18Aug2022.yaml) for the OAS Specification for Functional APIs

# Appendix C: LAC coverage in FI, NO, LU, SK, CZ, PL, RO

Please click [here](https://information.colt.net/hubfs/NH%20Nov%20Release%20Notes/LAC%20coverage.xlsx) to access LAC coverage file for Finland (FI), Norway (NO), Luxembourg (LU), Slovakia (SK), Czech Republic (CZ), Romania (RO) and Poland (PL)

# Appendix D: Allowed Operators in FI, NO, LU, SK, CZ, PL, RO for port-in

Please click [here](https://information.colt.net/hubfs/NH%20Nov%20Release%20Notes/Current%20Operator%20List.xlsx) to access list of allowed operators in Finland (FI), Norway (NO), Luxembourg (LU), Slovakia (SK), Czech Republic (CZ), Romania (RO) and Poland (PL) for port-In.