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| Colt Number Hosting 19th Oct 2024 Release Notes |

# Introduction

This document describes the Colt Number Hosting 19th Oct 2024 release.

The release will focus on

1. Address Management and Directory services update in Austria
2. Spain Regulatory changes
3. NOD & B2B API improvements including Port-In rejection code management (All countries exc NL)

**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 9th Sept 2024 to 27th Sept 2024. Please get in touch with NumberHostingUATSupportTeam@COLT.NET if you would like to participate in the UAT.

# Document change control

|  |  |
| --- | --- |
| **Version** | **Change description** |
| V1 | 19th Oct 2024 Release note |

# Address Management & Directory Services in Austria

To ensure regulatory compliance in Austria, important changes relating to address management and validation, and directory services will be implemented as follows:

* New fields are added for AT are marked as ‘**New**’ in the table below. Some validation of existing fields will be updated. Fields which are changing are marked ‘**Update’**. Other fields are marked as ‘**Remove**’.
* Update EDB address and Directory Service Update are now clubbed together in an End-customer Address Update
* Final address verification and validation will be performed with Informatica Address Doctor v4

All changes are applicable in Austria (AT) for number Activation, new Port-In & Address Update operations. The fields are described in the table below:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Element | Description | Change | Current Type | Current Length | Updated Type | Updated Length | Customer Action |
| **End customer Name and details** |
| **endCustomerName** | It is the end customer name to whom numbers will be activated. | **Update** | M | L ≤ 80 | M | L ≤ 250 | Length increased to 250 |
| **buildingName** | Name of the building | **Remove** | CM | L ≤ 50 | - | - | Field removed |
| **premisesNumber** | Number of the building | **Update** | CM | L ≤ 20 | M | L ≤ 20 | Field is mandatory |
| **streetName** | Name of the street | **Update** | M | L ≤ 50 | M | L ≤ 80 | Length increased to 80 |
| **cityTown** | Name of the Town. | No change | M | L ≤ 50 | - | - | - |
| **postalZipCode** | postalCode | No change | M | L = 4 | - | - | Only Numeric characters allowed |
| **block** | (Building) block number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **stairs** | Stairs number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **floorSuite** | Floor number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **doorNumber** | Door number | **New** | - | - | O | L ≤ 4 | Only alphanumeric characters are allowed |
| **addressID** | Either the complete address or addressID is required in the request | **New** | - | - | CM | L ≤ 20 | Either the complete address or addressID is required in the request |
| **Directory services update (Optional Node)** |
| **orderType** | Allowed values: NewCeaseAmend | No change | M |  LOV | - | - | Only ‘New’ value is applicable for Activation and Portin Activation Journeys and for Preactivated numbers activated in Modify with action ‘New’. All 3 ‘New’, ‘Amend’ and ‘Cease’ values are applicable in Modify Operation when DSU changes required. |
| **customerType** | Type of Customer. Note we only support Business end-customers in AT | **New** | - | - | M | LOV | List of values:BusinessResidentialMixed |
| **endCustomerName** | End customer name  | **New** | - | - | CM | L ≤ 250 | Field added.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. |
| **companyRegistrationNumber** | Company Registration Number | **New** | - | - | CM | L ≤ 11 | Mandatory for customer type = Business |
| **firstName** | First Name of the residential customer | **New** | - | - | CM | L ≤ 50 | Field added.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** | Last name of the residential customer | **New** | - | - | CM | L ≤ 250 | Field added.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. |
| **telephoneNumber** | DSU Telephone number | **Update** | M | L ≤ 14 | M | L ≤20 | increase the length from 14 to 20. |
| **isFaxNumber** | Is the DSU Telephone number a Fax number?  | **New** | - | - | O | LOV | List of values:YesNo(By Default) |
| **businessSuffix** | businessSuffix | **New** | - | - | CM | L ≤ 50 | Applicable only for Customer Type is either Residential / Mixed then Mandatory, otherwise empty |
| **businessDescription** | businessDescription | **New** | - | - | O | L ≤ 80 | New Optional field added |
| **additionalInstructions** | Additional notes/instruction | **Update** | O | L ≤ 250 | O | L ≤ 500 | Length increased to 500 |
| **notes** |  | **Remove** | O | L ≤ 250 | - | - | Field removed |
| **The Directory Services address (fields below) or the addressID is required in the request (New)** |
| **premisesNumber** | Number of the building | **New** | - | - | M | L ≤ 20 | - |
| **streetName** | Name of the street | **New** | - | - | M | L ≤ 80 | - |
| **cityTown** | Name of the Town. | **New** | - | - | M | L ≤ 50 | - |
| **postalZipCode** | postalCode | **New** | - | - | M | L = 4 | Only Numeric characters allowed |
| **block** | (Building) block number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **stairs** | Stairs number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **floorSuite** | Floor number or reference | **New** | - | - | O | L ≤ 3 | Only alphanumeric characters are allowed |
| **doorNumber** | Door number | **New** | - | - | O | L ≤ 4 | Only alphanumeric characters are allowed |
| **addressID** | Either the complete address or addressID is required in the request | **New** | - | - | CM | L ≤ 20 | Either the complete address or addressID is required in the request |

# ES Regulatory changes

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.

Please note this is a code-breaking change - see details below:-

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

# Numbers on Demand (NOD) and B2B API improvements

Below are 7 improvements targeted for release on 19th Oct 2024. Updated XSDs and API OAS specifications can be found in the Appendix A: XSD and Appendix B: API specifications.

| Sr no | Functionality | Interface | Improvement Description | Country Scope | Code Breaking change for customer (Yes/No) |
| --- | --- | --- | --- | --- | --- |
| 1 | **Port-In Rejection Management**  | NOD | Colt will send a **New Rejection Code, a New Rejection Reason and a Next Action** in the Order ID API response and in the callBack notificationsThe Next Action will be added to the customer e-mail notification for port-in order updates.Please refer to Appendix C for a comprehensive list of updated port-in rejection codes & reasons. | All except NL | **Yes** |
| 2 | **Number Deactivation / reactivation** | NOD and B2B APIs | When a deactivation is performed on a pre-activated number, the number should move from Activated to Quarantined. When the number goes into quarantine, reactivation is also possible and the reactivated number will move to activated status. | IT, CH and Zone B countries | Yes |
| 3 | **Port-out orders****Accept/Reject****(DE Registerred reseller)** | NOD and B2B APIs | All DE port out orders raised by a registered DE reseller will move to ‘Customer Feedback Awaited’ status and will require confirmation/rejection from the registered DE reseller.If no response received, an order will automatically move to Confirmed status after 5 working days | DE | No |
| 4 | **Activation****Deactivation****Address Update****Reactivation****Port-In****Port-Out** | NOD and B2B APIs | 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.” | All except DE, DK and Zone B | No |
| 5 | **View reseller data** | COL | ‘Has Customer Owned Numbers’ = Yes/No field will be displayed in View Reseller Data screen. | FR | No |
| 6 | **Port-In** **Update Port In order (Change date Modify Port)** | NOD and B2B APIs | Porting windows are being refreshed for all Zone B countries.Porting windows marked with \* - there is no out-of-office hours’ support from the GSIP Voice Support.**Czech Republic**Current: 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600 and 1600-1700New: 0600-0700\*, 0700-0800\*, 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700, 1700-1800\*, 1800-1900\*, 1900-2000\*, 2000-2100\* and 2100-2200\***Finland**Current: 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600 and 1600-1700New: 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700 and 1700-1800\***Luxembourg**Current: 0800-1100 and 1300-1600New: 0000-0100, 0100-0200, 0200-0300, 0300-0400, 0400-0500, 0500-0600, 0600-0700, 0700-0800, 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700, 1700-1800\*, 1800-1900\*, 1900-2000\*, 2000-2100\*, 2100-2200\*, 2200-2300\* and 2300-0000\***Norway**Current: 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500 and 1500-1600New: 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500 and 1500-1600**Poland**Current: 0900-1700New: 0000-2359\***Romania**Current: 1000-1400New: 0900-1400 and 1500-1800**Slovakia**Current: 0900-1600New: 0900-1200 and 1200-1800 | Zone B countries | Yes |
| 7 | **Address validation APIs** | APIs and NOD | 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. **validateAddress** REST API- returns geo coordinates (latitude/longitude) along with validated address in response. These coordinates can be used to fetch the validLAC using the fetchLACbyLocation API.
3. **fetchLACbyLocation** REST API- Address is optional Germany but Geo Coordinates are mandatory in API request
4. 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.
5. If address is valid and LAC or coordinates are not retuned in response, please reach out to us with the valid address details.
 | DE | Yes (new REST APIs only) |

# Appendix A: XSD

Please click [link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20October%202024%20Release/NumberHostingServices_v3.23.xsd) and [link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20October%202024%20Release/nhm_cbe_v3.23.xsd) for updated XSDs

# Appendix B: API specifications

## OAS Specification for number management APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20October%202024%20Release/numberManagement_v2.0.11_26June2024.yaml) for the OAS Specification for Number Management APIs

## OAS Specification for address management APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/Number%20Hosting%20October%202024%20Release/addressManagement_v1.0.4_10July024.yaml) for the OAS Specification for Address Management APIs

# Appendix C: Rejection Codes

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.