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| Colt Number Hosting22nd May 2021 Release Notes |

# Introduction

Due to technical challenges at our end the release date is revised from 8th May 2021 to 22nd May 2021.

This document describes the Colt Number Hosting 22nd May 2021 release

The release will focus on:

* Improving regulatory compliance in **Italy** and **Portugal**
* Removal of override FPD (First Port Date) action for Porting orders, in the **Netherlands**
* Update of the REGEX pattern to allow for Latin and other special characters
* Address ID to be displayed in Order Details screen in Cocom Web Manager & Number on Demand (NOD) portals and in ‘call back API’ notifications for Cocom/NOD initiated orders in **Belgium, Germany, Italy, Portugal, Spain & Sweden**
* Existing porting fields to be displayed in Number on Demand’s order Details screen, getTransactionDetails API response and in callback API notifications
* CIF/NIF change in **Spain**

**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 30th March 2021 to 7th May 2021. Please get in touch with NumberHostingUATSupportTeam@COLT.NET if you would like to participate in the UAT.

# Document change control

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| **Version** | **Change description** |
| V1 | Issued on 4th Feb 21 |
| V2 | Issued on 24th Mar 21 – changes are:-* Extended UAT window
* Updated XSD
* DSU section/fields are all optional in Italy
* Addition of the VAT number for Italy
* In Portugal LAC validation will be based on the PostalCode (4digits+hypen+3digits, e.g. 2790-114) and City for areas: Lisbon and Porto only for Number Activation and Address Update. LAC Validation will be disabled for Port-in orders.
* Addition of the Customer reference field in Call back API, and an example of a call back API response
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| V3 | Issued on 20th April 21* Revised the Go-live date from 8th May 2021 to 22nd May 2021
* Revised UAT dates- extended till 7th May 2021
* Number on Demand portal usage and Bulk availability information
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# Address Management & Validation

## Italy

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

* 10 new mandatory/optional fields will be introduced (addressExtension, streetType, subLocality, optional DSU section with fields- subscriptionCategoryIndex, informationServices, advertisementFlag, addressExtension, streetType subLocality). Fields which are changing are marked as ‘**New**’ in the table below.
* Some validation of existing fields will be updated. Fields which are changing are marked ‘**Update**’ in the table below.
* Final address verification and validation will be performed with Informatica Address Doctor v4.

All changes are applicable in Italy for number Activation, new Port-In & Address Update operations.

**Please note**

* IT service profiles will be disabled from Cocom Web Manager post this release. Customers are advised to move to Number on Demand Portal to place the requests
* Bulk activation and Bulk Port-in via Cocom web manager will be disabled. These two functionalities will be available in Number on Demand portal post July 2021 release.

The fields are described in the table below:

| Element  | Description | Change  | Current Type  | Current Length  | Updated Type | Updated Length  | Customer Action |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Emergency/Installation Address |
| customerType | Existing field | **Update** | M | L ≤ 11 | NA | NA | Field not required anymore. |
| endCustomerName | Existing field | **Update** | M | L ≤ 80 | M | L ≤ 100 | Length increase to 100. |
| customerVATnumber |  | **New** |  |  | M | L ≤ 11 | String type |
| premisesNumber | Existing field | **Update** | M | L ≤ 20 | M | L ≤ 10 | Length decrease to 10. |
| streetName | Existing field | **Update** | M | L ≤ 50 | M | L ≤ 70 | Length increase to 70. |
| Province |  | **New** | NA | NA | M | 2 | See values listed in the Number coverage file – see [www.colt.net/cocom](http://www.colt.net/cocom) under Number Hosting User Guides. |
| cityTown | Existing field | **Update** | M | L ≤ 50 | M | L ≤ 70 | Length increase to 70. |
| postalZipCode | Existing field | **Update** | M | L ≤ 4 | M | L=5 | Length increase to 5. |
| addressExtension | This field can be used to provide a precise indication of the address (e.g. Angolo Via Roma). | **New** | NA | NA | O | L ≤ 50 | String type. |
| streetType | It completes the description of the place and can identify the type of street (e.g. Street, Square, Avenue, etc.).(e.g. Via, Piazza, Viale.) | **New** | NA | NA | M | L ≤ 30 | String type. Allowed values are shown in **Appendix A** |
| subLocality | The Italian name given in administrative law to a type of territorial subdivision of a ‘Comune’’, an Italian municipality | **New** | NA | NA | O | L ≤ 70 | String type. |
| Directory Service Update Details (Optional) |
| subscriptionCategoryIndex  | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration) | **New** | NA | NA | O | L ≤ 29 | Values are in bold:• **00-PrivateCustomerCategory**• **01-CompanyCustomerCategory** (Default)• **02-SemiPublicCustomerCategory**• **03-PublicCustomerCategory** |
| paperDirectories | customer consent to be listed in the paper version of the Telephone directories | **New** | NA | NA | M | L ≤ 3 | Values are in bold:• **Yes** = visible/listed in the paper version of the Telephone directories• **No** = not visible/not listed in the paper version of the Telephone directories (Default) |
| informationServices | customer consent to receive information announcements | **New** | NA | NA | M | L ≤ 3 | Values are in bold:• **Yes** = agree to receive information announcements• **No** = do not agree to receive information announcements |
| searchOnTelephoneOnly | Customer consent for derived / market research  | **Update** | O | L ≤ 3 | M | L ≤ 3 | The Type will become mandatory. Values are in bold:• **Yes** = visible in derived / market research• **No** = not visible in derived / market research (Default) |
| allowAdvertisingCalls | Consent to receive advertising calls  | **Update** | O | L ≤ 3 | M | L ≤ 3 | The Type will become mandatory. Values are in bold:• **Yes** = agree to receive advertising calls • **No** = do not agree to receive advertising calls (Default) |
| allowAdvertisingEmails | Consent to receive advertising emails | **Update** | O | L ≤ 3 | M | L ≤ 3 | The Type will become mandatory. Values are in bold:• **Yes** = agree to receive advertising emails• **No** = do not agree to receive advertising emails (Default) |
| advertisementFlag  | defines the customer's willingness to receive advertising on channels other than voice (e.g. mail.) | **New** | NA | NA | M | L ≤ 5 | Values are in bold:• **1-Yes** = agree to receive advertisements on other channels• **0-No** = do not agree to receive advertisements on other channels (Default) |
| TelphoneNumber |   | **Update** | M | L ≤ 6 & L >= 20 | M | L ≤ 6 & L >= 20 |  |
| premisesNumber |   | **Update** | M | L ≤ 20 | M | L ≤ 10 | Length decrease to 10. |
| streetName |   | **Update** | M | L ≤ 50 | M | L ≤ 70 | Length increase to 70. |
| Province |   | **Update** | M | NA | M | 2 | See values listed in the Number coverage file – see [www.colt.net/cocom](http://www.colt.net/cocom) under Number Hosting User Guides. |
| cityTown |   | **Update** | M | L ≤ 50 | M | L ≤ 70 | Length increase to 70. |
| postalZipCode |   | **Update** | M | L ≤ 4 | M | L=5 | Length increase to 5. |
| addressExtension | This field can be used to provide a precise indication of the address (e.g. Angolo Via Roma). | **New** | NA | NA | O | L ≤ 50 | String type. |
| streetType | It completes the description of the place and can identify the type of street (e.g. Street, Square, Avenue, etc.).(e.g. Via, Piazza, Viale.) | **New** | NA | NA | M | L ≤ 30 | String type. Allowed values are shown in **Appendix A** |
| subLocality | The Italian name given in administrative law to a type of territorial subdivision of a ‘Comune’, an Italian municipality | **New** | NA | NA | O | L ≤ 70 | String type. |
| OrderType |   | **Update** | M | L = 1 | NA | NA | Field not required anymore. |
| businesssuffix |   | **Update** | M | L = 1 | NA | NA | Field not required anymore. |
| businessDescription |   | **Update** | M | L = 1 | NA | NA | Field not required anymore. |
| Email Address |   | **Update** | M | L ≤ 6 | NA | NA | Field not required anymore. |
| VAT Number |   | **Update** | M | L ≤ 6 | NA | NA | Field not required anymore. |
| Business/End Customer Name |   | **Update** | M | L = 2 | NA | NA | Field not required anymore. |
| Listing Category |   | **Update** | CM | L ≤ 50 | NA | NA | Field not required anymore. |
| amalgamateWithVAT |   | **Update** | M | L = 1 | NA | NA | Field not required anymore. |
| Additional Instruction / Comments |   | **Update** | M | L = 1 | NA | NA | Field not required anymore. |

## Portugal

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

* 6 new mandatory/optional fields will be introduced (floorSuite, subLocality, usageType, confidentialityFlag, confidentialityOtherFlag, confidentialityReverseSearch). Fields which are changing are marked as ‘**New**’ in the table below.
* Some validation of existing fields will be updated. Fields which are changing are marked ‘**Update**’ in the table below.
* Final address verification and validation will be performed with Informatica Address Doctor v4.
* LAC validation will be based on the PostalCode (4digits+hypen+3digits, e.g. 2790-114) and City for areas: Lisbon and Porto only for Number Activation and Address Update. Further areas will be added over time.
* LAC Validation will be disabled for Port-in orders. It is your responsibility as a Colt customer to enter the correct LAC and address to ensure the support of emergency calls.

All changes are applicable in **Portugal** during number Activation, new Port-In & Address Update operations.

**Please note**

* PT service profiles will be disabled from Cocom Web Manager post this release. Customers are advised to move to Number on Demand Portal to place the requests.
* Bulk activation and Bulk Port-in via Cocom web manager will be disabled. These two functionalities will be available in Number on Demand portal post July 2021 release.

The fields are described in the table below:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Element  |  Description | Change  | Current Type  | Current Length  | Updated Type | Updated Length  | Customer Action |
| Emergency/Installation Address  |
| customerType |   | **Update** | M | L ≤ 11 | NA | NA | Field not required anymore. |
| endCustomerName |   | **Update** | M | L ≤ 80 | M | L ≤ 120 | Length increase to 120. |
| buildingName | Name of the Building. | **Update** | CM | L ≤ 50 | O | L ≤ 20 | Length decrease to 20 and made Optional. |
| floorSuite | Name of the floor if any. | **New** | NA | NA | O | L ≤ 5 | String type. |
| premisesNumber |  Building Number. | **Update** | CM | L ≤ 20 | O | L ≤ 10 | Length decrease to 10 and made Optional. |
| streetName | Name of the Street. | **Update** | M | L ≤ 50 | M | L ≤ 70 | Length increase to 70. |
| subLocality | Name of the locality/town, when it differs from the one mentioned in postal code | **New** | NA | NA | M | L ≤ 50 |  New Field |
| cityTown | Postal designation, i.e. Name of the town corresponding to the Postal Code. | **No Change** | M | L ≤ 50 | M | L ≤ 50 |  No Change |
| postalZipCode | Postcode followed by Number of the Town.E.g.: 2790-114 | **Update** | M | L ≤ 50 | M | L ≤ 8 | Length decrease to 8.Format is 4 digits + hyphen + 3digits. |
| Directory Service Update Details (Optional) |
| usageType | How the phone number is used | **New** | NA | NA | O | L ≤ 18 | Values are in bold:**1-Telephone2-SemiAutomaticFax3-AutomaticFax** |
| confidentialityFlag | Information can be public (not confidential); completely (all data) confidential or confidentiality applied only to the address. | **New** | NA | NA | M | L ≤ 21 | Values are in bold:• **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 | Confidentiality in other informative services – data in other informative services can be public (not confidential), completely confidential or just the address is confidential. | **New** | NA | NA | O | L ≤ 21 | Values are in bold:• **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 | Do or do not allow a reverse search on the customer’s record based on the phone number and/or address. I.e. if the search is done based on the phone number or address, the customer's data may or may not be confidential. | **New** | NA | NA | M | L ≤ 27 | Values are in bold:• **n-not\_opposed\_reversesearch** = available in reverse search (not confidential)• **s-opposed\_reversesearch** = not available in reverse search (confidential) (Default) |
| OrderType |   | **Update** | M | L ≤ 5 | NA | NA | Field not required anymore. |
| TelphoneNumber |   | **Update** | M | L ≤ 9 | NA | NA | Field not required anymore. |
| Business EndCustomer Name |   | **Update** | M | L ≤ 80 | NA | NA | Field not required anymore. |
| Building Name |   | **Update** | CM | L ≤ 50 | NA | NA | Field not required anymore. |
| premisesNumber |   | **Update** | CM | L ≤ 20 | NA | NA | Field not required anymore. |
| Street |   | **Update** | M | L ≤ 50 | NA | NA | Field not required anymore. |
| cityTown |   | **Update** | M | L ≤ 50 | NA | NA | Field not required anymore. |
| postalZipCode |   | **Update** | M | L ≤ 50 | NA | NA | Field not required anymore. |

# Directory Service Update (DSU)

Directory Service Update (DSU) will be available using the Update End Customer Address operation in **Italy** and **Portugal**.

As a result the updateDirectoryService API will be decommissioned in **Italy** and **Portugal**.

# Override FPD in the Netherlands

As per the regulations in **the Netherlands**, porting cannot be scheduled before the FPD (First Possible date) sent by the central Porting Desk. Therefore the ‘Override FPD’ action will be removed from ‘Update Porting Screen’ in Cocom Web Manager and from the transactionDataUpdate API.

# Update of the REGEX pattern

The REGEX used in the XSD is being updated in the Street and City fields to allow for special and other Latin characters in all countries.

The change is shown below:

**Current**: [A-Za-z0-9\w']+[A-Za-z0-9:,/\-\.\(\)'&amp;&quot;&lt;&gt; \w]\*

**Update**: ([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*

The links to the updated XSD files are in the “CIF/NIF change in Spain” section below.

# Address ID

A new unique Address ID field identifies a specific end-customer address. You can re-use the address ID field to retrieve the full details you previously placed in an order, for example all numbers associated with that address ID. When you want to update the end-customer address, then you will receive a new address ID, applicable to all numbers associated with that order.

The Address ID will be displayed in the Order/Order Details screen in Cocom Web Manager & Number on Demand (NOD) portals and in the ‘call back API’ notifications for Cocom/NOD initiated orders in **Belgium**, **Germany**, **Italy**, **Portugal**, **Spain** and **Sweden**.

# Display of existing details in responses

The following details will be present in the Numbers on Demand Order/Order Details screen, in the getTransactionDetails response, in email notifications and in the ‘call back API’ response:

* for **the Netherlands** : First Port Date (FPD) at a range level, overall First Port Date (Overall FPD), actual porting date/time, and the automated Porting Performed(automated PP- Yes/No) displayed against the Order ID
* The Rejection or Exception (CFA-Customer Feedback Awaited) reason to be displayed for all countries for both Port-in and Port-Out orders
* Notes to be displayed for all countries and for both Port-in and Port-Out orders
* ‘Customer reference’ details to be displayed for all countries

If you wish to receive these fields in the response of getTransactionDetails response and the ‘call back API’ response, then you need to make changes at your end, otherwise you will not be able to receive the new fields in the responses.

Sample Call Back API with new fields:

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| JSON Message: |
| *{**“Country”: { string  e.g.: FR, DE, GB, …}**"ServiceProfile": { string e.g.: ABC, B8Q …}**"transactionID": { string }**"transactionType": { string },* *"createdDate": { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z },**"transactionStatus" : { string },**"transactionDescription" : { string }**“customerReference”: : { string }**"statusUpdatedDate" : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z },**“portRejectionAndException” : { string }**“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 }**“overallFirstPossibleDate” : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z }**“automatedPP” : { string }**“notes” : { string }**"cliDetails":[* *{* *"startFullNumber" : { string }**"endFullNumber" :  { string }**“firstPossibleDate” : { string - ISO 8601 DateTime e.g. 2014-12-29T20:49:21.617Z }**“blockingCode”: { string }**“notes” : { string }**}**]**"addressId" : { string }**}* |

# CIF/NIF change in Spain

The CIF/NIF field needs to be included in the endCustomer block instead of the address block for **Spain**. The structure is updated in the XSD in these links: [link 1](https://f.hubspotusercontent10.net/hubfs/344164/NH%20May%20Release%20Notes/nhm_cbe_v3.08-1.xsd) and [link 2](https://f.hubspotusercontent10.net/hubfs/344164/NH%20May%20Release%20Notes/NumberHostingServices_v3.08.xsd)

# Appendix A

The permitted Street Type values for **Italy** are as follows:

Note these are not case-sensitive but care should be taken with full stops and apostrophes (special characters).

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| Street Type values |
| AUTOSTRADA | LOC. | ROTATORIA | TANGENZIALE |
| BELVEDERE | LOCALITA' | ROTONDA | TRAVERSA |
| BG. | LUNGO | RUA | V. |
| BIVIO | LUNGOFIUME | S.R. | V.LE |
| BLOCCO | LUNGOLAGO | S.S | V.LO |
| BORGATA | LUNGOMARE | S.S. | VIA |
| BORGO | NUCLEO | SS | VIA ANTICA |
| BRIGATA | P. | SS. | VIA COMUNALE |
| CALLE | P.LE | SALITA | VIA NUOVA |
| C.DA | P.ZA | SCALINATA | VIA PRIVATA |
| C.RO | P.ZZA | SENTIERO | VIA VECCHIA |
| C.SO | PALAZZO | SOTTOPASSO | VIADOTTO |
| CAMPO | PARCHEGGIO | SOTTOVIA | VIA.LE |
| CASCINA | PASSAGGIO PRIVATO | SOVRAPASSO | VIAL |
| CASELLO | PASSEGGIATA | STAZIONE | VIALE |
| CAVALCAVIA | PERCORSO CICLABILE | STR. | VICO |
| CIRCONVALLAZIONE | PERCORSO CICLOPEDONALE | STRADA | VICO CHIUSO |
| CONTR. | PERCORSO PEDONALE | STRADA ANTICA | VICO PRIVATO |
| CONTRADA | PIAZZ.TTA | STRADA COMUNALE | VICOLETTO |
| CORSO | PIAZZA | STRADA CONSORTILE | VICOLO |
| CORTE | PIAZZALE | STRADA NUOVA | VICOLO CHIUSO |
| CORTILE | PIAZZETTA | STRADA PODERALE | VICOLO PRIVATO |
| DISCESA | PISTA CICLABILE | STRADA PRIVATA | VIE |
| FONDO | PONTE | STRADA PROVINCIALE | VIL |
| FONDOVALLE | PORTA | STRADA REGIONALE | VILLA |
| FORO | PRIV. | STRADA STATALE | VILLAGGIO |
| FORTE | QUARTIERE | STRADA VECCHIA | VIOTTOLO |
| FRAZIONE | RACCORDO | STRADA VICINALE | VLE |
| GALLERIA | RAMPA | STRADELLA | ZONA |
| LARGO | REGIONE | STRADELLO |
| LOC | RIONE | STRADONE |