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| Colt Number HostingOctober 10, 2020 Release Notes |

# Introduction

This documents describes Colt Number Hosting October 10, 2020 release.

Release will be focused on :

* Improving regulatory compliance in **Belgium**.
* CustomerVATnumber will no longer be required during number Activation, new Port-In & Address Update operations in **Netherlands**.
* Removing / decommissioning the validateGeoNumber API. This decommissioned API will be replaced with the validGeographicAddress API

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

Please note that testing period has been revised and will start on September 14th, 2020 and will terminate on September 25th, 2020.

# Address Management & Validation

To ensure regulatory compliance in Belgium, important changes related to address management and validation will be implemented, as per the following:

* 2 new mandatory fields (directoryListingOptions, validateAddress) and one new optional field (addressExtension) will be introduced. Fields are marked as change = ‘New’ in the below table.
* Some validation of existing fields will be updated Fields are marked as change = ‘Update’ in the below table.
* Final address verification and validation will be performed with Informatica Address Doctor v4.
* A new field ‘validateAddress’ will be introduced, with the below values:
	+ ‘No’, meaning the current validation flow for address & LAC will happen as it is currently. This will be the default value if not sent by you.
	+ ‘Yes’, meaning the address has been validated by Informatica Address Doctor v4 and the updated flow for address & LAC validation.

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

Fields are described in the below table:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Element | Change | Current Type | CurrentLength | UpdatedType | UpdatedLength | Customer Action |
| customerVATnumber | Update | M | L ≤ 10 | O | L ≤ 14 | Length increase to 14 and made Optional. |
| endCustomerName | Update | M | L ≤ 80 | M | L ≤ 120 | Length increase to 120. |
| firstName | Update | M | L ≤ 50 | O | L ≤ 60 | Length increase to 60 and made Optional. |
| lastName | Update | M | L ≤ 50 | M | L ≤ 120 | Length increase to 120. |
| registeredName | Update | M | L ≤ 80 | O | L ≤ 120 | Length increase to 120 and made Optional. |
| addressExtension | **New** | NA | NA | O | L ≤ 35 | String type. |
| premisesNumber | Update | CM | L ≤ 20 | M | L ≤ 5 | Length decrease to 5 and made Mandatory.It includes the values of premisesNumber + premisesNumberLetter without a space.Ex:14ª |
| streetName | Update | M | L ≤ 50 | M | L ≤ 60 | Length increase to 60. |
| cityTown | Update | M | L ≤ 50 | M | L ≤ 60 | Length increase to 60. |
| postalZipCode | Update | M | L ≤ 4 | M | L ≤ 5 | Length increase to 5. |
| directoryListingOptions | **New** | NA | NA | M | L ≤ 15 | Values are:**LISTING** - visible in public listing & available in reverse query**NONLISTING** - not visible in public listing & available in reverse query**SECRET** - not visible in public listing & not available in reverse query |
| validateAddress | **New** | NA | NA | M | L ≤ 3 | Value = ‘Yes’, ‘No’ (Default) Field to enable full address validation with Address Doctor. If not sent by customer, Colt will mark field as ‘No’, and validation process will follow the current one. |
| Reverse Query (DSU) | Update | M | L = 1 | NA | NA | Field not required anymore. |
| Export Sales (DSU) | Update | M | L = 1 | NA | NA | Field not required anymore. |
| Directory Assistance (DSU) | Update | M | L = 1 | NA | NA | Field not required anymore. |
| Electronic Media (DSU) | Update | M | L = 1 | NA | NA | Field not required anymore. |
| White Pages (DSU) | Update | M | L = 1 | NA | NA | Field not required anymore. |
| ServiceType(DSU) | Update | M | L ≤ 6 | NA | NA | Field not required anymore. |
| DeviceType(DSU) | Update | M | L ≤ 6 | NA | NA | Field not required anymore. |
| Language(DSU) | Update | M | L = 2 | NA | NA | Field not required anymore. |
| OrderType(DSU) | Update | M | L ≤ 5 | NA | NA | Field not required anymore. |
| TelphoneNumber(DSU) | Update | M |  6 ≤ L ≥ 20 | NA | NA | Field not required anymore. |
| flatNumber  | Update | M | L ≤ 20 | NA | NA | Field not required anymore. |
| endCustomerDateOfBirth | Update | M | L = 10 | NA | NA | Field not required anymore. |
| Title | Update | M | L ≤ 15 | NA | NA | Field not required anymore. |
| buildingName | Update | CM | L ≤ 50 | NA | NA | Field not required anymore. |
| premisesNumberLetter | Update | M | L = 1 | NA | NA | Field not required anymore. |

# Directory Service Update (DSU)

Directory Service Update (DSU) will be available via Update End Customer Address operation in **Belgium**.

As a result, updateDirectoryService API will be decommissioned for **Belgium**.

# LAC Validation Enablement

To improve regulatory compliancy, LAC validation will be introduced in **Belgium** and will be based on Post Code.

LAC validation will be applicable during number Activation, new PortIn & Address Update operations.

A link to the dataset is provided together with this document.

# Netherlands – Customer VAT(tax) number

The CustomerVATnumber will no longer be required during number Activation, new Port-In & Address Update operations in the **Netherlands**.

It will become an optional field in the Numbers on Demand APIs. In Cocom Web Manager the customer VAT number has been removed completely for the above transactions.

# End-customer address management

In Germany we will be removing / decommissioning the validateGeoNumber API, however it will still be operational in other currently supported countries. This decommissioned API will be replaced with the validGeographicAddress API, which can be used in all 13 countries. A detailed description can be found on this [link](https://f.hubspotusercontent10.net/hubfs/344164/NH%20Newsletter%20%2801.09%29/Colt%20Addresses%20API%200.4.pdf).

Developed as a REST JSON API, validGeographicAddress API will enable you to:-

* 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

To request use of the validGeographicAddress API please contact the Reseller Support team (ResellerSupport.Voice@colt.net), who will be able to set this up for you.