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| Colt Number Hosting  23rd Sept 2023 Release Notes |

# Introduction

This document describes the Colt Number Hosting 23rd Sept 2023 release.

The release will focus on:

* REST API transformation
* 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 July 2023 to 11th Aug 2023. Please get in touch with [NumberHostingUATSupportTeam@COLT.NET](mailto:NumberHostingUATSupportTeam@COLT.NET) if you would like to participate in the UAT.

# Document change control

|  |  |
| --- | --- |
| **Version** | **Change description** |
| V1 | 23rd Sept 2023 Release note  Please note code breaking changes are shown in section “Numbers on Demand (NOD) and B2B API improvements” |
| V2 | Added **New API details** in section ***REST API transformation*** with sample responses |

# REST API transformation

In this release we will support Next Gen REST APIs for the SOAP APIs listed below.

This is further described in *OAS Specification for NH APIs*.

|  |  |  |
| --- | --- | --- |
| SOAP API | REST API | Operation |
| getNumberDetail | GET/CLIDetails | Fetch end customer status and details associated with a CLI |
| getTransactionList | GET/order | Fetch list of order IDs based on search criteria |
| getTelephoneNumberHistory | GET/CLINumberHistory | Fetch history of orders/operations performed on a CLI |
| numberDeactivation | POST/numberCollectionDeactivation | Deactivate the colt owned/ported-in number |
| transactionDataUpdate | POST/numberCollectionPortOrderUpdate\* | Accept or reject a port-out request -existing port order update API will be used |

*\*POST/numberCollectionPortOrderUpdate API is an existing REST API and can now be used to update port-out orders as well.*

Our Next Gen APIs:-

* Conform to the Industry standard REST-JSON APIs
* Align with TMF conventions
* Support OAuth2.0 and JWT based authentication and authorisation
* Support open API specifications (earlier swagger)
* Offer a standard format for numbers, date-time, etc
* Optimize fields

## New API Details

### GET/CLIDetails

#### **Description**

GET/CLIDetails API returns the end customer assignment status and address associated with the number(s). this API will show the details for activated and Port-In activated numbers.

#### **Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| relatedParty.reseller.serviceProfile | Mandatory | Service profile associated with number |
| startFullNumber | Conditional Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| endFullNumber | Mandatory | E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |
| cli | Optional | This field can be used if search is required for a single CLI.  E164NumberType  string maxLength: 20 example: +442081324758  *‘startFullNumber’ + ‘endFullNumber’ or ‘cli’ is required in the request* |

*Please note this API is not applicable for Germany.*

#### **Response Schema**

numberCollectionDetailList

[detailNumberCollectionType

**{**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| cliList | [preciseCliDetailsType{   |  |  | | --- | --- | | cli | E164NumberType  string *example: +442081324758* | | OKUCode | OKUCodeType  string | |  |  |   }] |
| resourceStatus | numberStatusType  string  Enum: Allocated, Activated, PortIn\_Allocated, PortIn\_Activated, PortOut, Returned, Quarantined, PortIn\_Quarantined, Transferred, Port Out In Progress, Transfer In Progress, Return In Progress |
| relatedParty | numberDetailRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | subReseller | subResellerType{   |  |  | | --- | --- | | id | subResellerIDType  string |   } | | endCustomerDetails | numberDetailEndCustomerDetailsType{   |  |  | | --- | --- | | status | string  (ACTIVE, INACTIVE) | | endCustomerName | customerNameType  string | | customerType | customerTypeSchema  string  Enum: Business, Residential | | firstName | nameType  string | | lastName | customerNameType  string | | registeredName | registeredNameType  string | | endCustomerDateOfBirth | string | | endCustomerLanguage | endCustomerLanguageType  string  Enum: NL, FR, DE, EN | | endCustomerAddress | addressSchema | | companyRegistrationNumber | string | | customerReference | customerRefType  string | | serviceType | string | | coltCVP | string | | providedCVP | string | |  |  |   } | |  |  |   } |
| isCustomerOwned | string |
|  |  |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

***Resource Status vs end Customer Status and Address Update Action***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Country | Number Status | API response | Resource Status | End Customer ‘status’ | Address Update Action: ADD, MODIFY |
| *DE* | *Any* | "code": "WM\_01",  "reason": "Error: Get number details feature is not applicable for Germany. at path: numberCollectionDetailsReq\n",  "message": "Your order is not submitted because of a technical failure. Please contact ResellerSupport.Voice@colt.net",  "status": "400-24" | *NA* | *NA* | *NA* |
| All except DE | Free, Reserved, Allocated, Port In Reserved, Port In Allocated | "code": "01",  "reason": "Action Performed Successfully with 0 Records Count",  "message": "No record found in inventory. Please check and resubmit the request.",  "status": "400-38" | NA | NA | NA |
| All except DE | Activated, Port In Activated | 200 OK | Activated, Port In Activated | ACTIVE | Address Update: MODIFY |
| All except DE | Activated | 200 OK | Activated | INACTIVE | Address Update:  ADD |
| All except DE | Port Out In Progress  Transfer In Progress  Return In Progress | 200 OK | Port Out In Progress  Transfer In Progress  Return In Progress | ACTIVE | NA |
| All except DE | Port Out  Quarantined  Returned  Transferred  Port In Quarantined | 200 OK | PortOut  Quarantined  Returned  Transferred  PortIn\_Quarantined | INACTIVE | NA |

#### **Sample response**

|  |
| --- |
| **Search by startFullNumber and endFullNumber**  *https://apimgd01.colt.net/numberManagement/v2/CLIDetails?relatedParty.reseller.serviceProfile=ANH&startFullNumber=+441132306900&endFullNumber=+441132306902* |
| {      "numberCollectionDetailsRes": [          {              "cliList": [                  {                      "cli": "+441132306900"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          },          {              "cliList": [                  {                      "cli": "+441132306901"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          },          {              "cliList": [                  {                      "cli": "+441132306902"                  }              ],              "resourceStatus": "Port In (Activated)",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          }      ]  } |

|  |
| --- |
| **Search by CLI**  *https://apimgd01.colt.net/numberManagement/v2/CLIDetails?relatedParty.reseller.serviceProfile=ANH&cli=+442073903915* |
| {      "numberCollectionDetailsRes": [          {              "cliList": [                  {                      "cli": "+442073903915"                  }              ],              "resourceStatus": "Activated",              "relatedParty": {                  "subReseller": {                      "id": ""                  },                  "endCustomerDetails": {                      "status": "ACTIVE",                      "endCustomerName": "COLT TECHNOLOGIES",                      "firstName": "",                      "lastName": "",                      "endCustomerDateOfBirth": "",                      "endCustomerAddress": {                          "floorNumber": "",                          "houseNumber": "20",                          "buildingName": "COLT HOUSE",                          "streetName": "GREAT EASTERN STREET",                          "municipality": "",                          "city": "LONDON",                          "postalCode": "EC2A 3EH",                          "country": "GB",                          "streetType": "",                          "province": "",                          "houseNumberExtension": "",                          "subLocality": "",                          "county": "",                          "poBoxNumber": ""                      },                      "companyRegistrationNumber": "",                      "customerReference": "My Customer",                      "customerType": ""                  }              },              "isCustomerOwned": "false"          }      ]  } |

### GET/order

#### **Description**

GET/Order API returns the list of orders placed or updated during the provided timeframe.

#### **Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| serviceProfile | Mandatory | Service profile associated with number |
| dateFrom | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| dateTo | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| type | Optional | *Available values* : Number Reservation, Number Reservation Cancellation, Number Activation, Number Deactivation, Number Reactivation, New Port In, Cancel Port In, Update Port In Date, Reactivate Port In, Port Out, Port Transaction Update, Update End Customer Detail, Update Directory Services, Update Port Out, Cancel Port Out, Free Number Backfill, Cancel Free Number Backfill, Port In Deactivation |
| status | Optional | *Available values* : In Progress, Completed, Failed, Delayed, Cancelled, Port Not Initiated, Confirmed, Rejected, Port Date Change, Customer Feedback Awaited, Failed with Error, Initiate Port In, In-progress, Submitted to operator, Firm order commitment, Updated, Porting initiated, Activation delayed, Porting failed, Validation In Progress, Awaiting Approval, Porting Completion Delayed |
| lastModifiedDateFrom | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDateTo | Conditional Mandatory | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |

**Business rules:**

1. date range (created date/modified date) should be less than or equal to 30 days
2. at least one of the date ranges is specified in the input: either dateFrom and dateTo OR lastModifiedDateFrom and lastModifiedDateTo OR both
   1. If only dateTo is specified and dateFrom is not specified, value of dateFrom will be treated same as dateTo and vice versa.
   2. If only lastModifiedDateTo is specified and lastModifiedDateFrom is not specified, value of lastModifiedDateFrom will be treated same as lastModifiedDateTo and vice versa.

#### **Response Schema**

orderList

[orderListOrder{

|  |  |
| --- | --- |
| id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* |
| href | string |
| type | allowedOrderType  string |
| status | allowedOrderStatus  string |
| date | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| numberCollection | getOrderListNumberCollection{   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | cliList | [getOrderListCliDetailsType{   |  |  | | --- | --- | | startFullNumber | E164NumberType  string *example: +442081324758* | | endFullNumber | E164NumberType  string *example: +442081324758* | |  |  |   }] | |  |  |   } |
| parentOrder | orderListParentOrder{   |  |  | | --- | --- | | id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* | | href | string | |  |  |   } |
| userName | userNameType  string |
|  |  |

**}]**

**Headers**

|  |  |  |
| --- | --- | --- |
| Name | Description | Type |
| APIGWTrackingId | Id to track the request end to end | string *Example: abcd456e-d45645-dfaafda-1232345667dd* |
| Content-Type |  | string |

#### **Sample response**

|  |
| --- |
| Search of orders with multiple search criteria  *https://apimgd01.colt.net/numberManagement/v2/order?dateFrom=2023-07-01&dateTo=2023-07-14&type=Number Activation&status=Completed&lastModifiedDateFrom=2023-07-05&lastModifiedDateTo=2023-07-14&serviceProfile=ANH* |
| {      "getOrderListRes": [          {              "id": "d3763a60-7c0f-4aaf-afab-190427c62332",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Activation",              "status": "Completed",              "date": "2023-07-11T06:54:13.000+01:00",              "lastModifiedDate": "2023-07-11T07:05:18.124+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440061",                          "endFullNumber": "+441434440061"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User2"          },          {              "id": "f7f4575c-87b8-4518-83d1-71779660ed96",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Reservation",              "status": "Completed",              "date": "2023-07-11T06:21:08.000+01:00",              "lastModifiedDate": "2023-07-11T06:22:52.333+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440058",                          "endFullNumber": "+441434440058"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User1"          },    {              "id": "a56893dc-2017-4936-b8a0-af858ca6634c",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Port Transaction Update",              "status": "Completed",              "date": "2023-07-11T03:06:52.000+01:00",              "lastModifiedDate": "2023-07-11T15:06:54.628+01:00",              "parentOrder": {                  "id": "2488d736-0fc8-49a6-b2e2-05e9d6c5f9a1",                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User2"          },  {              "id": "21a8440f-14f8-4c73-8fa7-3fd87897037a",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Update End Customer Detail",              "status": "Completed",              "date": "2023-07-11T02:09:15.000+01:00",              "lastModifiedDate": "2023-07-11T14:09:27.169+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434008905",                          "endFullNumber": "+441434008905"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"            },              "userName": "user2"          },          {              "id": "ddaf6f4b-955e-4ea8-a720-147a90f8252a",              "href": "https://apimgd01.colt.net/numberManagement/v2/order",              "type": "Number Deactivation",              "status": "Completed",              "date": "2023-07-11T06:54:10.000+01:00",              "lastModifiedDate": "2023-07-11T07:05:18.148+01:00",              "numberCollection": {                  "cliList": [                      {                          "startFullNumber": "+441434440065",                          "endFullNumber": "+441434440065"                      }                  ]              },              "parentOrder": {                  "href": "https://apimgd01.colt.net/numberManagement/v2/order"              },              "userName": "User1"          }      ]  } |

### GET/CLIOrderHistory

#### **Description**

GET/CLIOrderHistory API returns the history of orders associated with a CLI.

#### **Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Query** | | |
| serviceProfile | Mandatory | Service profile associated with number |
| startFullNumber | Mandatory | E164NumberType  string maxLength: 20 example: +442081324758 |
| endFullNumber | Mandatory | E164NumberType  string maxLength: 20 example: +442081324758 |

#### **Response Schema**

CLIOrderHistoryList

CLIOrderHistory

{

|  |  |
| --- | --- |
| id | orderIdType  string *pattern: ^[A-Za-z0-9-]{1,36}$* |
| href | string |
| type | allowedOrderType  string |
| status | allowedOrderStatus  string |
| statusDescription | string |
| errorDescription | string |
| date | dateFormat  string  ($date) *example: 2019-05-17*  date time in ISO 8601 format |
| lastModifiedDate | dateFormat  string($date) *example: 2019-05-17*  date time in ISO 8601 format |
| userName | userNameType  string |
|  |  |

**}]**

#### **Sample response**

|  |
| --- |
| CLI order history  *https://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory?startFullNumber=+441434008901&serviceProfile=ANH&endFullNumber=+441434008901* |
| {      "response": [          {              "id": "4f1044be-4777-4a72-957b-92b4f422ca3e",              "href": "https://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Update End Customer Detail",              "status": "Completed",              "date": "2023-07-11T14:09:12.929+01:00",              "lastModifiedDate": "2023-07-11T14:09:26.075+01:00",              "userName": "User1"          },          {              "id": "86cb9251-10f0-460a-b607-2e97bfd40744",              "href": "https://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Number Activation",              "status": "Completed",              "date": "2023-07-10T14:24:10.296+01:00",              "lastModifiedDate": "2023-07-10T14:30:06.287+01:00",              "userName": "User1"          },          {              "id": "b3164fba-d2ce-4bde-adf2-0b5b340b94e0",              "href": "https://apimgd01.colt.net/numberManagement/v2/CLIOrderHistory",              "type": "Number Activation",              "status": "Failed with Error",              "date": "2023-06-22T13:39:19.544+01:00",              "lastModifiedDate": "2023-06-22T13:39:25.654+01:00",              "userName": "User2"          }      ]  } |

### POST/numberCollectionDeactivation

#### **Description**

GET/numberCollectionDeactivation API allows to place deactivation request for Activated or Port-In activated numbers.

#### **Input parameter(s)**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** | | |
| APIGWTrackingId | Mandatory | description: Unique identifier for the order  *example: abcd456e-d45645-dfaafda-1232345667dd*  pattern: ^[\w.~:@-]{1,255}$ |
| **Request body** | | |
| serviceProfile | Mandatory | service profile associated with customer request |
| productName | Mandatory | Geographic Number Hosting |
| startFullNumber | Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |
| endFullNumber | Mandatory | maxLength: 20 pattern: ^\+?[1-9]\d{6,15}$ example: +442081324758 |

#### **Request Schema**

deactivateNumberCollection{

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| cliList\* | [ *minItems: 1 maxItems: 1*  basicCliDetailsType{   |  |  | | --- | --- | | startFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* | | endFullNumber\* | E164NumberType  string *maxLength: 20 example: +442081324758* | |  |  |   }] |
| relatedParty\* | deactivateRelatedPartyType{   |  |  |  |  | | --- | --- | --- | --- | | reseller\* | resellerType{   |  |  | | --- | --- | | serviceProfile\* | serviceProfileType  string  service profile associated with customer request |   } | |  |  |   } |
| productOffering\* | productOfferingType{   |  |  | | --- | --- | | name | String  Enum: Geographic Number Hosting |   } |

}

#### **Response Schema**

asyncResponseType{

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| order | {   |  |  | | --- | --- | | id | orderIdTypestring *pattern: ^[A-Za-z0-9-]{1,36}$* | | href | string *example: https://apimgd01.colt.net/numberManagement/v2/numberCollectionOperation* | |  |  |   } |
|  |  |

}

#### **Sample request and response**

|  |  |
| --- | --- |
| Request | Response |
| {    "cliList": [      {        "startFullNumber": "+441133608944",        "endFullNumber": "+441133608944"      }    ],    "relatedParty": {      "reseller": {        "serviceProfile": "ANH"      }    },    "productOffering": {      "name": "Geographic Number Hosting"    }  } | {      "order": {          "id": "75dbc3a1-fff6-4574-b8f6-96a40389afed",          "href": "https://apimgd01.colt.net/numberManagement/v2/numberCollectionDeactivation"      }  } |

## How to get access to new REST APIs & support

Please inform your account manager to request access to the sandbox and/or production environments for the REST APIs.

Your Client ID and Client Secret for production will be shared with you by Colt’s Reseller Support Voice team.

Support for sandbox testing will be provided by the API Support team and is a chargeable service. Please contact your account manager for further information.

# Numbers on Demand (NOD) and B2B API improvements

Below are 9 improvements targeted for release on 23rd Sept 2023. 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**  **Update Port-In (Modify port)** | REST API | Number validation will happen for Port-In requests to restrict numbers which are not allowed for Number Hosting to avoid Port-In rejections from Colt Porting Desk, e.g. port-in orders for freephone / tollfree numbers will get a validation error  APIs will throw the validation error upfront if the number is not allowed for Port-In and will not allow request submission. | All | Yes  for REST API customers only |
| 2 | **Port-In**  **Update Port-In (Modify port)** | SOAP/HTTPS and REST API  NOD | **Current behavior**: the main billing number is captured at an order level for all countries  **New behavior**: 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. | GB/UK | No  Optional change for API customers in this Sept release. This code breaking change should be consumed soon. |
| 3 | **Activation**  **Address update**  **Port-In** | B2B APIs  NOD | **Current behavior:** Street name field is mandatory for a UK address  **New behavior:** Street name field will be an optional field for a UK address | UK | No |
| 4 | **Activation**  **Address update**  **Port-In** | B2B APIs  NOD | Introduction of new optional address field ‘**orientationNumber**’ in Czech Republic.  Allowed pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$  allowed maxLength: 20  We are currently capturing Street Name, House Number, Post Code and City, however there is one additional field called Orientation Number. It is possible to have addresses with same Post Code, City, Street Name and House Number but different orientation number. Each of these addresses has a different Address Code which needs to be sent to EDB. | CZ | No |
| 5 | **Port-Outs** | All | 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’ | NL | No |
| 6 | **Reporting** | NOD | Reporting Dashboard will be available on NOD to track the Number/Order report requests raised by users | All | No |
| 7 | **Change date and Cancel port-out** | NOD | ‘Change date’ and ‘Cancel port-out request’ functionality will be available for WBCI registered resellers via Number on Demand portal. | DE | No |
| 8 | **Port-In**  **Port Out** | B2B APIs  NOD | **Port-In:**  The execution period (i.e. scheduling of a port) is open for up to 90 **calendar days** (excluding public holidays) from the First (possible) Porting date (FPD)  For example:  A user raises a Port-In request and receives the FPD of 1st May, so the execution period will start from 1st May and run until 7th Sept (90 days)  Within this period the user must schedule the port, otherwise the portin request will expire. The porting date can be on any date from 1st May to 7th Sept excluding public holidays.  **Port-out:** for portOut (Accept/Reject)  the FPD date can be set to any date within 120 **calendar days** (excluding public holidays)  If ‘Early Termination’ is received in the ‘contract’ value, then the FPD cannot be less than 3 **working** **days** from the current date and the only possible date will be day 4  For example:  A user has received a port out request on 16th June with ‘Early termination’ as the contract value. You can accept this port-out with a FPD of 21st June only. No date before or after 21st June can be selected for this port-out order with early termination . | NL | Yes  Leadtime applicable for scheduling the ports for NL should be implemented at your end.  Colt will throw the validation error up front and will not allow the submission of requests if rules are not followed. |
| 9 | **Download CDRs** | FTP & VPN | Following previous reseller communications & reminders in 2022 & 2023, the delivery of unrated call records (CDRs) via FTP & VPN will be decommissioned in this release.  Unrated call records can continue to be downloaded from Colt Online or over API. Please contact Reseller Support Voice team or your Account Manager if you wish to be setup with our CDR REST APIs. | All | Yes  for FTP CDR customers only |

# Appendix A: XSD

The structure is updated in the XSD in these links: [link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202023%20Release/nhm_cbe_v3.18.xsd) and [link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202023%20Release/NumberHostingServices_v3.18.xsd)

# Appendix B: API specifications

## OAS Specification for NH APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202023%20Release/numberManagement_v2.0.6_18May2023.yaml) for the OAS Specification for Functional APIs

## OAS Specification for Address Management

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202023%20Release/addressManagement_v1.0.2_28March2023.yaml) for the OAS Specification for Address Management APIs