|  |
| --- |
| Sample API request and responsesRESTRICTED USE* freeNumberCount, lockFreeNumbers
* backfillNumbers, cancelBackfillNumber request
* reservation and activation with lockID and multiple ranges
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# Just in time Search and lock

Just in time search API (restricted use only) supports 2 resources

1. GET/freeNumberCount
2. POST/lockFreeNumbers

Please contact ResellerSupport.Voice@colt.net if you wish to use these APIs.

## freeNumberCount

**Description:**

Returns the count of free numbers available for a given prefix

Given a 1) the numberPrefix, 2) quantity of numbers, and 3) type of search, the API will:

* ​​​​Return the quantity of free numbers available matching the search criteria.

Not applicable for DE, FR and Zone B countries

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/freeNumberCount
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/freeNumberCount

**Method:** GET

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **Header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Query** |
| numberPrefix | Mandatory | stringsupported format: +countryCode<LAC>+44208Minimum accepted LAC length without leading 0 is listed belowAT, BE, IE, IT, SE: 1GB, CH, PT, NL: 2ES: 3 |
| numberType | Mandatory | Available values : **GEOGRAPHICAL\_NUMBERS** for Geo numbers**GEOGRAPHICAL\_NOMADIC\_NUMBERS** for Geo Nomadic Numbers (applicable for ES only)**LOCATION\_INDEPENDENT\_NUMBERS** for Nomadic numbers (applicable forAT, IE, IT, NL, ES, SE, GB, PT)**UK\_WIDE\_ANY\_SERVICES** for UK 033X numbers(applicable for UK only)**UK\_WIDE\_PUBLIC\_SERVICES** for UK 03XX numbers (applicable for UK only)**CH\_WIDE\_CORPORATE\_NUMBERS** for CH corporate/nomadic numbers |
| searchType | Mandatory | Available values : **singleNumber****contiguousNumbers** |
| quantity | Optional | If singleNumber: quantity allowed is 1,2,3….100If contiguousNumbers, allowed quantity values are: 10,20,30,..80, 90,100,200If no quantity entered by user:* For singleNumber, max limit is 20
* For contiguousNumbers, max limit is 10
 |
| productOffering | Mandatory | StringEnum: Wholesale SIP |

### Scenarios and interpretation of Count result:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scenario no. | Quantity | numberType | Inventory Position (API will look for exact type) | Count returned in Response | Interpretation of the Count result |
| 1 | 25 | singleNumber | 25 Single Numbers1 Range of 100 size | 25 | SUCCESS |
| 2 | 100 | singleNumber | 1000 Single Numbers1 Range of 100 size | 100 | SUCCESS |
| 3 | 100 | singleNumber | 25 Single Numbers1 Range of 100 size | 25 | PARTIAL SUCCESS |
| 4 | 100 | singleNumber | 0 Single Number1 Range of 100 size | 0 | FAILURE  |
| 5 | 100 | singleNumber | 0 Single Numbers2 Range 10 size | 0 | FAILURE |
| 6 | 50 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size10 ranges of 100 size | 50 | SUCCESS |
| 7 | 100 | contiguousNumbers | 200 Single Numbers 1 Range of 100 size | 100 | SUCCESS |
| 8 | 200 | contiguousNumbers | 200 Single Numbers10 Ranges of 100 size | 200 | SUCCESS |
| 9 | 90 | contiguousNumbers | 100 Single Numbers7 ranges of 10 size10 ranges of 100 size | 70 | PARTIAL SUCCESS |
| 10 | 200 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size1 ranges of 100 size | 100 | PARTIAL SUCCESS |
| 11 | 100 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size0 ranges of 100 size | 0 | FAILURE |
| 12 | 300 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size10 ranges of 100 size | Invalid inputQuantity not allowed | FAILURE |
| 13 | 55 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size10 ranges of 100 size | Invalid inputQuantity not allowed | FAILURE |
|
| 14 | 355 | contiguousNumbers | 0 Single Numbers100 ranges of 10 size10 ranges of 100 size | Invalid inputQuantity not allowed | FAILURE |
| 15 | 150 | contiguousNumbers |  No stock | Invalid inputQuantity not allowed |  FAILURE |
| **No Quantity provided** |
| 16 | - | singleNumber | 200 Single Numbers10 Ranges of 100 size | 20(Default) | SUCCESS |
| 17 | - | singleNumber | 25 Single Numbers10 Ranges of 100 size | 20(Default) | SUCCESS |
| 18 | - | contiguousNumbers | 200 Single Numbers10 Ranges of 100 size | 10(Default) | SUCCESS |
| 19 | - | contiguousNumbers | 25 Single Numbers1 Ranges of 10 size | 10 | PARTIAL SUCCESS |
| 20 | - | contiguousNumbers | 25 Single Numbers0 Ranges of 100 ranges of 100 size | 0 | FAILURE |

### Single number search for Geo numbers: GB with exact quantity count returned in the response

|  |  |
| --- | --- |
| Request | Response |
| **Input parameters:**numberType: GEOGRAPHICAL\_NUMBERSquantity: 100searchType: singleNumbernumberPrefix: %2B44208 (LAC=0208)productOffering: Wholesale SIP**Request URL:**https://apis.colt.net/numberManagement/v1/freeNumberCount?numberPrefix=%2B44208&numberType=GEOGRAPHICAL\_NUMBERS&searchType=singleNumber&productOffering=Wholesale SIP&quantity=100 | {    "availableNumberCount": 100} |

### Contiguous number search for Nomadic numbers: GB with exact quantity count returned in the response

|  |  |
| --- | --- |
| Request | Response |
| **Input parameters:**numberType: LOCATION\_INDEPENDENT\_NUMBERSquantity: 40searchType: contiguousNumbersnumberPrefix: %2B4456 (LAC=056)productOffering: Wholesale SIP**Request URL:**https://apis.colt.net/numberManagement/v1/freeNumberCount?numberPrefix=%2B4456&numberType= LOCATION\_INDEPENDENT\_NUMBERS&searchType=contiguousNumbers&productOffering=Wholesale SIP&quantity=40 | {    "availableNumberCount": 40} |

### Single number search for Geo numbers: ES with partial quantity count returned in the response

|  |  |
| --- | --- |
| Request | Response |
| **Input parameters:**numberType: GEOGRAPHICAL\_NUMBERSquantity: 100searchType: singleNumbernumberPrefix: %2B34930 (LAC=930)productOffering: Wholesale SIP**Request URL:**https://apis.colt.net/numberManagement/v1/freeNumberCount?numberPrefix=%2B34930&numberType=GEOGRAPHICAL\_NUMBERS&searchType=singleNumber&productOffering=Wholesale SIP&quantity=100 | {    "availableNumberCount": 75} |

### Contiguous number search for CH corporate numbers with no quantity count returned in the response (without quantity field in the input)

|  |  |
| --- | --- |
| Request | Response |
| **Input parameters:**numberType: CH\_WIDE\_CORPORATE\_NUMBERSsearchType: contiguousNumbersnumberPrefix: %2B4158 (LAC=058)productOffering: Wholesale SIP**Request URL:**https://apis.colt.net/numberManagement/v1/freeNumberCount?numberPrefix=%2B4158&numberType= CH\_WIDE\_CORPORATE\_NUMBERS&searchType=singleNumber&productOffering=Wholesale SIP&quantity=100 | {    "availableNumberCount": 0} |

## lockFreeNumbers

**Description:**

Given a 1) the area code, 2) quantity of numbers, and 3) type of search, the API will:

* Return the quantity of numbers available matching the search criteria.
* Return a list of numbers available matching the search criteria.
* Returns a lockId. This lockId will be valid for 10 mins only.
* User can reserve/activate all of the number(s) / contiguous ranges that have been locked within the 10 mins window
* When user reserve/activate only some of the number(s) / ranges that have locked, then within the same 10 mins window they will also be able to send 1 or more additional reserve/activate orders for the remaining number(s)/ranges which were locked
* If user do not reserve/activate any of the number(s) / contiguous ranges that have been locked within the 10 mins window, then the numbers will be unlocked automatically after 10 mins
* The same LockID used for reservation can be used for activation as well (the LockID will not expire if used for reservation)

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/lockFreeNumbers
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/lockFreeNumbers

**Method:** POST

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| numberPrefix | Mandatory | stringsupported format: +countryCode<LAC>+44208Minimum accepted LAC length without leading 0 is listed belowAT, BE, IE, IT, SE: 1GB, CH, PT, NL: 2ES: 3 |
| numberType | Mandatory | Available values : **GEOGRAPHICAL\_NUMBERS** for Geo numbers**GEOGRAPHICAL\_NOMADIC\_NUMBERS** for Geo Nomadic Numbers (applicable for ES only)**LOCATION\_INDEPENDENT\_NUMBERS** for Nomadic numbers (applicable forAT, IE, IT, NL, ES, SE, GB, PT)**UK\_WIDE\_ANY\_SERVICES** for UK 033X numbers(applicable for UK only)**UK\_WIDE\_PUBLIC\_SERVICES** for UK 03XX numbers (applicable for UK only)**CH\_WIDE\_CORPORATE\_NUMBERS** for CH corporate/nomadic numbers |
| searchType | Mandatory | Available values : **singleNumber****contiguousNumbers** |
| quantity | Optional | If singleNumber: quantity allowed is 1,2,3….100If contiguousNumbers, allowed quantity values are: 10,20,30,..80, 90,100,200If no quantity entered by user:* For singleNumber, max limit is 20
* For contiguousNumbers, max limit is 10
 |
| productOffering | Mandatory | StringEnum: Wholesale SIP |
| **relatedParty** |
| country | Mandatory | *Available values* : AT, GB, ES, NL, BE, IE, IT, SE, CH, PT, DK |
| serviceProfile | Optional | service profile associated with customer requestmandatory if customer has more than one service profile per country |

Mandatory parameters are highlighted in below examples.

### GB: search and lock geo number (quantity=1)

|  |  |
| --- | --- |
| Request | Response |
| {    "numberPrefix": "+44208",    "quantity": 1,    "searchType": "singleNumber",    "numberType": "GEOGRAPHICAL\_NUMBERS",    "relatedParty": {        "reseller": {            "serviceProfile": "BKG",            "country": "GB"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "availableNumberCount": 1,    "searchExpiryTime": "2025-01-23T09:23:52",    "lockId": "811263e0-b223-4761-8628-97fbe813077a""freeNumberRangeList": [        {            "startFullNumber": "+442081560061",            "endFullNumber": "+442081560061"        }    ]} |

### ES: search and lock contiguous nomadic number blocks (quantity=30) without service profile

|  |  |
| --- | --- |
| Request | Response |
| {    "numberPrefix": "+34516",    "quantity": 30,    "searchType": "contiguousNumbers",    "numberType": "LOCATION\_INDEPENDENT\_NUMBERS",    "relatedParty": {        "reseller": {            "country": "GB"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "availableNumberCount": 1,    "searchExpiryTime": "2025-01-23T09:23:52",    "lockId": "8700206f-c3b3-4c10-8cc2-2490f41eedc0""freeNumberRangeList": [        {            "startFullNumber": "+34516516600",            "endFullNumber": "+34516516609"        }, {            "startFullNumber": "+34516516610",            "endFullNumber": "+34516516619"        }, {            "startFullNumber": "+34516516620",            "endFullNumber": "+34516516629"        }    ]} |

### GB: search and lock geo number (quantity=10) with partial success response

|  |  |
| --- | --- |
| Request | Response |
| {    "numberPrefix": "+44208",    "quantity": 10,    "searchType": "singleNumber",    "numberType": "GEOGRAPHICAL\_NUMBERS",    "relatedParty": {        "reseller": {            "serviceProfile": "BKG",            "country": "GB"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "availableNumberCount": 1,    "searchExpiryTime": "2025-01-23T09:23:52",    "lockId": "811263e0-b223-4761-8628-97fbe813077a""freeNumberRangeList": [        {            "startFullNumber": "+442081560061",            "endFullNumber": "+442081560061"        }    ]} |

### GB: search and lock geo number (quantity=10) with no free numbers available

|  |  |
| --- | --- |
| Request | Response |
| {    "numberPrefix": "+44208",    "quantity": 10,    "searchType": "singleNumber",    "numberType": "GEOGRAPHICAL\_NUMBERS",    "relatedParty": {        "reseller": {            "serviceProfile": "BKG",            "country": "GB"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "availableNumberCount": 0} |

## Reservation using lockId and ranges

**API details**

**Description**: Allows you to add or reserve number in stock without end customer assignment nor network configuration. Number will be reserved for 90 calendar days.

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/reservation/order
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/reservation/order

**Method:** POST

**Input parameters**

**API details**

**Description**: Allows you to reserve number without end customer assignment nor network configuration. Number will be reserved for 90 calendar days.

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/reservation/order
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/reservation/order

**Method:** POST

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| **numberRangeList (max 20 CLIs can be provided)**either numberRangeList or lockID is required in the request |
| numberRangeStart | Mandatory | maxLength: 20pattern: ^\+?[1-9]\d{6,15}$example: +442081324758 |
| numberRangeEnd | Mandatory | maxLength: 20pattern: ^\+?[1-9]\d{6,15}$example: +442081324758 |
| **relatedParty** |
| **reseller** |
| serviceProfile | Optional | service profile associated with customer requestmandatory if customer has more than one service profile per country |
| country | Mandatory | *Available values* : GB, ES, AT, BE, NL, IE, IT, SE, DK, PT, CH |
| **endCustomerDetails** |
| customerReference | Optional | maxLength: 50Customer reference associated wth number range. |
| **productOffering** |
| name | Mandatory | * Wholesale SIP
 |
| **lockId** | Conditional Mandatory | **(RESTRICTED USE ONLY)**lockId received as the part of lockFreeNumbers API to be passed here.Either lockId or numberRangeList to be passed in the input.Filed applicable for all countries except FR, DE, Zone B countries |

### Reserve numbers using lockId with serviceProfile

|  |  |
| --- | --- |
| Request | Response |
| {    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "customerReference": "My customer"        }    },    "lockId": "9927fb7a-230c-4778-a533-1af2ea888ab9"} | {    "order": {        "id": "fb477fc0-9088-4119-925c-38a0c5eb1b79"    }} |

### Reserve numbers using multiple locked numbers and without serviceProfile

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+44201231000",            "numberRangeEnd": "+44201231000"        }, {            "numberRangeStart": "+44201231001",            "numberRangeEnd": "+44201231001"        }, {            "numberRangeStart": "+44201231002",            "numberRangeEnd": "+44201231002"        }, {            "numberRangeStart": "+44201231003",            "numberRangeEnd": "+44201231003"        }, {            "numberRangeStart": "+44201231004",            "numberRangeEnd": "+44201231004"        }    ],    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "country": "GB"        },        "endCustomerDetails": {            "customerReference": "My Customer"        }    }} | {    "order": {        "id": "fb477fc0-9088-4119-925c-38a0c5eb1b79"    }} |

## Activation using lockId and ranges

**API details**

**Description**: Allows you to activate number on Colt network and assign to an end customer. Activation can be done on Free and Reserved numbers. In Italy, activation can only be done on Reserved numbers. Premium customers can activate the number without providing the end customer details in all countries except Germany.

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/activation/order
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/activation/order

**Method:** POST

### Pre-activate numbers: Premium Offer

Premium offer allows you to get:

* Preactivated numbers
* Ability to update end-customer at sub-range level and to manage the aging/quarantine period.

Below picture summarizes the number life cycle for Premium offer:



|  |  |
| --- | --- |
| Résultat de recherche d'images pour "important message icon" | * Access to Premium offer is subject to Colt validation.
* Only available in all countries except Germany.
* Partial Deactivation is not supported in DE, IT, CH and zone B countries
 |

**Input parameters (common for all countries)**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **header** |
| x-tracking-id | Mandatory | All | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| **productOffering** |
| name | Mandatory | All | Wholesale SIP |
| **numberRangeList (max 20 CLIs can be provided)**either numberRangeList or lockID is required in the request |
| numberRangeStart | Mandatory | All | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| numberRangeEnd | Mandatory | All | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| **relatedParty** |
| **reseller** |
| **serviceProfile** | Optional | All | service profile associated with customer requestmandatory if customer has more than one service profile per country |
| **country** | Mandatory | All except DE | *Available values* : GB, ES, FR, AT, BE, NL, IE, IT, SE, DK, PT, CH, CZ, NO, RO, PL, FI, LU, SK |
| **subreseller** |
| id | Optional | All except FR, IT, PT and Zone B countries | *maxLength: 50example: A123456*In some countries, it is allowed to provide number purchased from Colt using your indirect sales channel, but it’s mandatory to report the 3rd party to Colt (sub reseller OCN), using subResellerID field. Not applicable for FR, IT, PT and Zone B countries |
| **endCustomerDetails** |
| customerReference | Optional | All | *example: My CustomermaxLength: 50*Customer reference associated wth number range. |
| **lockId** (RESTRICTED USE ONLY) | Conditional Mandatory | All except FR, DE and ZoneB countries | lockId received as the part of lockFreeNumbers API to be passed here.Either lockId or CLI list to be passed in the input. |

#### Pre-activate numbers using lockId

Mandatory field highlighted.

Either lockId or numberRangeList is required in the request.

|  |  |
| --- | --- |
| Request | Response |
| {    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "customerReference": "My Customer"        }    }, "lockId": "9927fb7a-230c-4778-a533-1af2ea888ab9"} | {    "order": {        "id": "87eca520-fg16-1234-a23d-9ac6e060ed23"    }} |

#### Pre-activate numbers using multiple locked numbers

Mandatory field highlighted.

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+442081231000",            "numberRangeEnd": "+442081231000"        }, {            "numberRangeStart": "+442081231001",            "numberRangeEnd": "+442081231002"        }, {            "numberRangeStart": "+442081231003",            "numberRangeEnd": "+442081231003"        }, {            "numberRangeStart": "+442081231004",            "numberRangeEnd": "+442081231004"        }    ],    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "customerReference": "My Customer"        }    }} | {    "order": {        "id": "87eca520-fg16-1234-a23d-9ac6e060ed23"    }} |

### Activate numbers with end customer details

**Common Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Country | Description |
| **header** |
| x-tracking-id | Mandatory | All | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| **productOffering** |
| name | Mandatory | All | Wholesale SIP |
| **numberRangeList (max 20 CLIs can be provided)**either numberRangeList or lockID is required in the request |
| numberRangeStart | Mandatory | All | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| numberRangeEnd | Mandatory | All | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| **subNumberRangeList** (Applicable for NL only) if CLI level details required to be entered |
| numberRangeStart | Mandatory | NL | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| numberRangeEnd | Mandatory | NL | E164NumberTypeV1string*pattern: ^[+]{1}[1-9]{1}[0-9]\*$minLength: 6maxLength: 16example: +442081324758* |
| **subRangeRelatedParty** |
|  endCustomerAddress |
|  houseNumber | Mandatory | NL | Max allowed length (L):NL: 1 ≤ L ≤ 5Allowed pattern for NL: "^([1-9][0-9]{0,4})$" |
|  houseNumberExtension | Optional | NL |  |
|  streetName | Mandatory | NL | Max allowed length:NL: 24Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
|  city | Mandatory | NL | Max allowed length:NL: 50Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
|  postalCode | Mandatory | NL | NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT) |
|  country | Mandatory | NL | Enum:[ AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK ] |
| **subRangeDirectoryServicesDetails** |
|  electronicDirectory | Mandatory | NL | Will be used to specify Customers agreement to be listed in the Electronic Directory Services Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = NoAllowed values are:• **true** = visible in Electronic Directories listing• **false** = not visible in Electronic Directories listing |
|  numberMasking | Mandatory | NL | Will be used to specify Customers agreement to be listed in the Directory Enquiry ServicesMandatory for the non Portin orders and if a Port-In order has keepCurrentSettings = NoPermitted Values:• **true** = visible in information services listing• **false** = not visible in information services listing |
|  informationServices | Mandatory | NL | Will be used to specify Customer's request to mask their number in the invoicesMandatory for the non Portin orders and if a port-in order has keepCurrentSettings = NoValues are:• **true** = CLI is to be masked in the invoices• **false** = CLI can be visible in the invoices |
| **rangeDirectoryServicesDetails (applicable for CH only- if CLI level DS details to be provided)** |
| orderType | Mandatory | CH | Only "New" value is applicable for Activation and Portin orders. Only "Cease" value is applicable for Deactivation and PortOut Journeys. All 3 New, Modify and Cease values are applicable in Modify Operation when DSU changes are required. |
| telephoneNumber | Mandatory | CH | **CH:** Publish only 1 CLI number for the DSU without short number logic. DSU Telephone number should be validated with number range selected in the order. include for each number range selected in UI needs to populate individual DSU Telephone number.Allowed max length: CH: 12 |
| oldTelephoneNumber | Mandatory | CH | Only used when OrderType(DSU) is AMEND. Used if DSU telephone number to be changed from one number to another with or without changing the other DSU details.Publish only 1 CLI number for the DSU without short number logic.Allowed max length: CH: 12 |
| companyEmailAddress | Mandatory | CH | Email address |
| listingLanguage | Mandatory | CH | Official language of the listing address, or the preferred language in case of more than one official language for a location: * **E**: English
* **F**: French
* **D**: German
* **I**: Italian
 |
| allowAdvertisingCalls | Mandatory | CH | Allowed values:* ‘**true**’ = agree to receive advertising calls
* ‘**false**’ = do not agree to receive advertising calls (Default)
 |
|  **directoryAddress** |
| houseNumber | Mandatory | CH | Max allowed length (L):CH: 12 |
| streetName | Mandatory | CH | Max allowed length:CH: 50Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| city | Mandatory | CH | Max allowed length:CH: 30Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| postalCode | Mandatory | CH | Max allowed length:CH: 4 |
| addressID | Conditional Mandatory | CH | address reference ID can be used instead of complete addressAllowed max length: 20 |
| **relatedParty** |
| **reseller** |
| **serviceProfile** | Optional | All | service profile associated with customer requestmandatory if customer has more than one service profile per country |
| **country** | Mandatory | GB | *Available values* : GB |
| **subreseller** |
| id | Optional | All except FR, IT, PT and Zone B countries | *maxLength: 50example: A123456*In some countries, it is allowed to provide number purchased from Colt using your indirect sales channel, but it’s mandatory to report the 3rd party to Colt (sub reseller OCN), using subResellerID field. Not applicable for FR, IT, PT and Zone B countries |
| **endCustomerDetails** |
| customerReference | Optional | All | *example: My CustomermaxLength: 50*Customer reference associated wth number range. If customer reference is being sent as a query parameter in a URL, it should be URL-encoded to ensure proper transmission |
| serviceType | Optional | All except ES, NL and Zone B countries | Allowed values:* SUBSCRIBER
* SERVICE

Customer should inform ResellerSupport.Voice@colt.net if they wish to use this field |
| endCustomerName | Mandatory | All | StringMax length allowed:IE: 35GB: 50CH: 60DK, FR, DE, NL: 80IT: 100BE, PT: 120AT: 250ES, SE, LU, CZ, FI, NO, PL, SK, RO: 255Allowed pattern for GB: "^([A-Za-z0-9 À-ÖØ-öø-ÿ-,/.'''':@)(~!"&"]\*)$"Characters not allowed for GB: ^([!?/\"$£\*`()+<>:]\*)$Allowed pattern for other countries: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"France: Conditional Mandatoryeither end customer name or First Name+ Last Name is requiredFor ‘Residential’ customer type this field is not required |
| firstName | Mandatory | BE, DE, IE, IT, NL, SE, FR | StringMax length allowed:IE: 10FR: 30DE, IT, SE: 50BE: 60NL: 70Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"France: Conditional Mandatoryeither end customer name or First Name+ Last Name is requiredFor ‘Business’ customer type this field is not required |
| lastName | Mandatory | BE, DE, IE, IT, NL, SE, FR | StringMax length allowed:IE: 25DE, IT, SE: 50BE: 60NL: 70FR: 100Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"France: Conditional Mandatoryeither end customer name or First Name+ Last Name is requiredFor ‘Business’ customer type this field is not required |
| endCustomerDatOfBirth | Mandatory | DE | String*Example: 09-11-1983*For ‘Business’ customer type this field is not required |
| endCustomerLanguage | Mandatory | BE | Allowed value:* **DE** = German
* **FR** = French
* **NL** = Dutch
 |
| companyRegistrationNumber | Mandatory | PT,ES,SE | StringSE- *also known as Subscriber ID/ Organisation number*PT- *also known as NIF details. Accepted format: PTXXXXXXXXX or XXXXXXXXX (other country VAT) where X=0-9*ES- *also known as CIF/NIF*Max length allowed:SE: 12ES: 20PT: 11 |
| companyRegistrationNumber | Optional | BE | StringMax length allowed: 12 |
| companyNumberRegistered | Optional | ES, PT | Allowed values: **true****false** |
| **endCustomerAddress** |
| floorNumber | Optional | PT, IE, RO, AT | Max length allowed: AT: 3PT, RO: 5IE: 25 |
| houseNumber | Conditional Mandatory/ Mandatory | All | Conditional mandatory with building name for DK, DE, IE, NLMandatory for IT, ES, CH, BE, SE, FR, ATOptional for PTMax allowed length (L):SE, BE : 5NL: 1 ≤ L ≤ 5IE, FR: 7IT, ES, PT, GB: 10CH: 12AT,DK, DE, LU, CZ, FI, PL, NO, SK, RO: 20Allowed pattern for NL: "^([1-9][0-9]{0,4})$"Allowed pattern for all except NL: [0-9]+[ ]?[A-Za-z]\*([\- /][0-9]+[A-Za-z]\*)\*"/ES: Street number will be entered hereBE: It includes the values of premisesNumber + premisesNumberLetter without a space. Ex:14a |
| orientationNumber | Optional | CZ | We are currently capturing Street Name, House Number, Post Code and City, however there is one additional field called Orientation Number. It is possible to have addresses with same Post Code, City, Street Name and House Number but different orientation number. Each of these addresses has a different Address Code which needs to be sent to EDB.Allowed pattern: ^[0-9]+[ ]?[A-Za-z]\*([- ][0-9]+[A-Za-z]\*)\*$Max allowed length (L) ≤ 20 |
| buildingName | Conditional Mandatory / Optional | All (except ES, SE, FR, CH, AT and Zone B countries) | Conditional mandatory with premises number for DK, DE, IE, NLOptional for PT, ITMax allowed length:PT: 20IE: 28DK, FR, DE, IT, NL, CH: 50GB: 55Allowed pattern: [A-Za-z0-9\_\w]+[A-Za-z0-9:\_,/\-\+\.\(\)&apos;&amp;&quot;&#x20;\w]\* |
| streetName | Mandatory | All except GB | Max allowed length:NL: 24IE, FR: 40DK, DE, SE, CH: 50BE: 60IT, PT: 70AT: 80ES, LU, CZ, FI, NO, SK, RO, PL: 200Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| streetName | Optional | GB | Max allowed length: 50Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| city | Mandatory | All | Max allowed length:IE: 20GB, CH: 30AT, DK, DE, NL, PT, SE: 50BE, FR: 60IT: 70ES, LU, CZ, FI, NO, PL, SK, RO : 100Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*" |
| postalCode | Mandatory | All | Max allowed length:AT, DK, CH, BE, LU, NO: 4FR, DE, IT, ES, FI : 5RO, SK: 6CZ: 6 (3 digits followed by a space and then 2 digits e.g. 119 99 )PL: 6 (2 digits followed by a hyphen and then 3 digits e.g. 00-003)NL: 7 (4 characters followed by a space and then 2 characters e.g. 1010 BT)IE: 8 (3 characters followed by a space and then 4 characters e.g. A65 B2CD)GB: 1 ≤ L ≤ 8 (BX XAA, BBX XAA, BXX XAA, BBXX XAA, BXB XAA, BBXB XAA or BBXX AAA - A and B are alphabetical type (A to Z), X is a number type (0 to 9), always with a space between the 2 strings.)SE: 8 |
| poBoxNumber | Optional | FR | Max allowed length:FR: 5 |
| country | Mandatory | NL | Please refer to **APPENDIX C: EEA Country Code List** for allowed values |
| streetType | Mandatory/Optional | IT, ES, RO | Mandatory for IT, ES, ROOptional for FRMax allowed length:FR: 40ES, RO: 50IT: 30 |
| province | Mandatory | IT, ES | Max allowed length:ES: 50IT: 2 |
| houseNumberExtension | Optional | NL | Allowed length (L): 1 ≤L ≤ 4 |
| subLocality | Mandatory/Optional | PT, BE, IT, IE | Mandatory for PTOptional for BE, IT, IEMax allowed length:IE: 21PT: 50BE, IT: 70 |
| block | Optional | AT | Max allowed length: 3 |
| stairs | Optional | AT | Max allowed length: 3 |
| doorNumber | Optional | AT | Max allowed length: 3 |
| county | Mandatory | IE | Max allowed length:IE: 15 |
| addressID | Optional | ES, BE, SE, IE, IT, PT, GB, FR, DE, LU, NO, RO, CZ, SK, FI, PL, CH, AT | address reference ID can be used instead of complete addressAllowed max length: 20 |
| **directoryServicesDetails**Mandatory for ES, SE, NL and BEOptional for other countriesNot applicable for FR |
| orderType | Mandatory | AT, DE, CH | New - Additional DSU number to be published in DSU.Cease - Existing DSU telephone number details can be ceased.Amend - Existing DSU telephone number details can be modified.**CH, AT**Only "New" value is applicable for Activation and Portin orders. Only "Cease" value is applicable for Deactivation and PortOut Journeys. All 3 New, Modify and Cease values are applicable in Modify Operation when DSU changes are required. |
| endCustomerName | Mandatory / Conditional Mandatory | DE, IT, AT | StringMax length allowed:DE: 50IT: 100Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"For ‘Residential’ customer type this field is not requiredAT: 250If 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. |
| businessSuffix | Optional / Conditional Mandatory | IE, IT, GB, AT | User should enter the Official business suffix abbreviations only or word(s) in full. For example, Ltd, Limited, Plc, Co LTD, Company Ltd, & Co etc.Allowed max length:GB: 50IE: 30IT: 100AT: 50Applicable only for Customer Type is either Residential / Mixed then Mandatory, otherwise empty |
| businessDescription | Optional | IE, IT, GB, AT | This field is used at the customer’s request, if additional words are required to describe what a business actual does, e.g. Accountants, Solicitors, etcAllowed max length:GB, IE: 50AT: 80IT: 100 |
| subHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure Sub Headers are used to sub-divide groups into different departments or divisions etc, where there is more than one telephone number for that department or division, e.g. Accounts, Sales. Address details or telephone numbers are not included in Sub Headers. Sub Headers appear below the main header (the business trading name), but above the relevant listings.  Note: Sub Header must be blank if entry format is A (single) or C (single Cross Ref)Allowed max length: GB: 50IE: 20 |
| subSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure. Note: Sub Header must be blank if entry format is A (single) or C (single Cross Ref) Sub Sub Header must have a parent Sub HeaderAllowed max length: GB: 50IE: 20 |
| subSubSubHeader | Optional | GB | Text that further qualifies and groups together entries within a DMS group structure. Note: Sub Sub Header must be blank if entry format is A (single) or C (single Cross Ref) Sub Sub Sub Header must have a parent Sub Sub HeaderAllowed max length: GB: 50IE: 20 |
| qualifier | Optional | GB | This field is used to distinguish a specific department where only one number exists for that department. This data will appear before any address data on the listing. This field is only applicable to group listing i.e. if the user enters this data then the “Listing Category” should be selected as “Group”.E.g: Sales, General Enquiries, etc.Allowed max length: GB: 50IE: 30 |
| DSUAddress | Mandatory | IT, GB, BE, IE, CH, AT | Address parameters or addressID to be provided in this node**Address parameters****IT**: end customer address (houseNumber, streetName, Province, city, postalCode, houseNumberExtension, streetType, subLocality) or addressID**GB:** end customer address (houseNumber, buildingName, streetName, city, postalCode) or addressID**B**E: end customer address (houseNumber, houseNumberExtension , streetName, city, postalCode) or addressIDIE: end customer address ( floorSuite, houseNumber, buildingName, streetName, city, postalCode, subLocality, county) or addressID**CH**: end customer address (houseNumber, streetName, city, postalCode) or addressID**AT:**  end customer address (houseNumber, streetName, city, postalCode, block, stairs, doorNumber) or address ID |
| DSUAddress | Mandatory | DE | Address parameters to be provided in this node**Address parameters****DE**: houseNumber, streetName, city, postalCode |
| telephoneNumber | Mandatory | AT, DE, CH, IT | **IT:**For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)For this purpose, a short number range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.Here is a practical example for a number range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where all the followings examples are acceptable :- 02 328039- 02 3280390 or 1 or ….. 9- 02 32803900 or 01 or … 99**CH:** Publish only 1 CLI number for the DSU without short number logic. DSU Telephone number should be validated with number range selected in the order. include for each number range selected in UI needs to populate individual DSU Telephone number.Allowed max length:IT: 13DE, IE: 14CH: 12AT: 20 |
| isFaxNumber | Optional | AT | Is the DSU Telephone number a Fax number BooleanAllowed values:* true
* false
 |
| entryType | Mandatory | GB | Allowed values:* **DE**: Directory Entry –will feed to all directory services including the local BT Phone Book if it is a Main DQ listing. Only business listings are passed to classified services.
* **DQR**: Directory Enquiry Record – listing will be available to Voice 118 services and Tele-Appenders only. Business listings only are also passed to Classified products.
* **XD/NC**: Ex-Directory No Calls – listing will feed to Voice 118 services but the telephone number is withheld.
 |
| listingCategory | Mandatory | GB | Allowed values: * Single
* Group
 |
| typeFace | Mandatory | GB | Allowed values:* Ordinary
* Bold
* Superbold
 |
| priority | Mandatory | GB | Allowed values:* A
* S
* Z

A to list firstS to list alphabeticallyZ to list lastIf Listing Category is Group then A,S or Z values are applicable.If Listing Category is Single then only S value is applicable.The values defined for "Priority" are conditional upon the selection of "Listing Category" Field values. |
| listingType | Mandatory | GB | Allowed values:* DQMain
* DQAdditional
* PB
 |
| additionalIinstructions | Optional | AT, DE, IT, IE | Additional Address (ULTERIORE INDIRIZZO)It can be used for Web Site or Branch address (More than 1 address)Allowed length: IT: 200DE, IE: 250AT: 500 |
| companyRegistrationNumber | Mandatory / Conditional Mandatory | IT, AT | Allowed length: IT= 11 (if customerType is Business)AT: 11 (Mandatory if customerType is Business) |
| companyEmailAddress | Optional | IT, CH | Email address |
| listingLanguage | Mandatory | BE | Official language of the listing address, or the preferred language in case of more than one official language for a location: * **NL**: Dutch
* **FR**: French
* **DE**: German

The value must correspond to the language used for fields Street name and locality name. |
| listingLanguage | Mandatory | CH | Official language of the listing address, or the preferred language in case of more than one official language for a location: * **E**: English
* **F**: French
* **D**: German
* **I**: Italian
 |
| usageType | Optional | PT | Allowed values:* ‘1-Telephone’
* ‘2-SemiAutomaticFax’
* ‘3-AutomaticFax’
 |
| searchOnTelephoneOnly | Mandatory | IT | Allowed values:* ‘**true**’ = visible in derived / market research
* ‘**false**’ = not visible in derived / market research (Default)
 |
| allowAdvertisingEmails | Mandatory | IT | Allowed values:* ‘**true**’ = agree to receive advertising emails
* ‘**false**’ = do not agree to receive advertising emails (Default)
 |
| allowAdvertisingCalls | Mandatory | IT, CH | Mandatory for IT and CHAllowed values:* ‘**true**’ = agree to receive advertising calls
* ‘**false**’ = do not agree to receive advertising calls (Default)
 |
| basicDirectoryEntry | Mandatory | ES | Confirms consent or not to the appearance of user data in guides / consultation services.Allowed values:* ‘**false**’ = (No), data will not appear in query
* ‘**true**’ = (Yes), data will appear in query
 |
| directSalesMarketingEntry | Mandatory | ES | Confirms consent or not to data being published in guides / services used for commercial or advertising purposes.Allowed values:* ‘**false**’ = (No), do not allow the use of data for commercial & advertising purposes,
* ‘**true**’ = (Yes) , allow the use of data for commercial & advertising purposes.
 |
| secretListing | Mandatory | SE | Confirms consent or not to data being published in guides / services used for public or secret listing purposes.Allowed values:* ‘**false**’ = Allows use of data for public listing
* ‘**true**’ = Allows use of data for secret listing
 |
| directoryListingOptions | Mandatory | BE | Allowed values:* No consent
* Full Address consent, no Reverse
* Partial Address consent, no Reverse
* Full Address consent, with Reverse
* Partial Address consent, with Reverse
 |
| directoryListingOptions | Mandatory | IE | Allowed values:* Listed
* Unlisted
* ExDirectory
 |
| confidentialityFlag | Mandatory | PT | Allowed values:* ‘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 | Optional | PT | Allowed values:* ‘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 | Mandatory | PT | Allowed values:* ‘n-not\_opposed\_reversesearch’ = available in reverse search (not confidential)
* ‘s-opposed\_reversesearch’ = not available in reverse search (confidential) (Default)
 |
| advertisementFlag | Mandatory | IT | Allowed values:‘**false**’ = do not agree to receive advertisements on other channels (Default) |
| subscriptionCategoryIndex | Optional | IT | Identifies the category to which the customer belongs (e.g. retail, business, public or semi-public administration)Allowed values:* ‘00-PrivateCustomerCategory’
* ‘01-CompanyCustomerCategory’ (Default)
* ‘02-SemiPublicCustomerCategory’
* ‘03-PublicCustomerCategory’
 |
| electronicDirectory | Mandatory for Activation and Address Update (‘ADD’)Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Electronic Directory Services Mandatory for the non Portin orders and if a port-in order has keepCurrentSettings = NoAllowed values are:• **true** = visible in Electronic Directories listing• **false** = not visible in Electronic Directories listing |
| informationServices | Mandatory for Activation and Address Update (‘ADD’)Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customers agreement to be listed in the Directory Enquiry ServicesMandatory for the non Portin orders and if a Port-In order has keepCurrentSettings = NoPermitted Values:• true = visible in information services listing• false = not visible in information services listing |
| numberMasking | Mandatory for Activation and Address Update (‘ADD’)Mandatory for Port-In Order if keepCurrentSettings=No | NL | Will be used to specify Customer's request to mask their number in the invoicesMandatory for the non Portin orders and if a port-in order has keepCurrentSettings = NoValues are:• **true** = CLI is to be masked in the invoices• **false** = CLI can be visible in the invoices |
| keepCurrentSettings | Not applicable | NL | keepCurrentSettings field is only applicable in PortIn orders and not be visible in non-portin order.If the value of keepCurrentSettings is “**Yes**” in a Port-in order, then ignore sending the values of informationServices, numberMasking, electronicDirectory to Colt.If the value of keepCurrentSettings is “**No**” in a Port-in order, then mandatorily send the values of informationServices, numberMasking, and electronicDirectory to Colt. |
| oldTelephoneNumber | Optional | IT, CH | **IT:**Used if DSU telephone number needs to be changed from one number to another without changing the other DSU details.Only used when OrderType(DSU) is Amend.For the Directory Service, it is possible to publish a number that is part of a numbering range (that starts always with ‘0’ and end with ‘9’)For this purpose, a short numbering range identifying an extension of the user's switchboard (e.g. the switchboard operator's desk) is acceptable.Here is a practical example for a numbering range of 100 numbers ( range from 02 32803900 to 02 32803999 ) where are acceptable all the followings examples :- 02 328039- 02 3280390 or 1 or ….. 9- 02 32803900 or 01 or … 99**CH:**Only used when OrderType(DSU) is AMEND. Used if DSU telephone number to be changed from one number to another with or without changing the other DSU details.Publish only 1 CLI number for the DSU without short number logic.Allowed max length: IT: 13CH: 12 |
| customerType | Mandatory | IT, AT | Allowed values:IT:* Business
* Residential

AT: * Business
* Residential
* Mixed
 |
| firstName | Conditional Mandatory | IT, AT | StringMax length allowed: 50Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"IT: For ‘Business’ customer type this field is not requiredAT: 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 | Conditional Mandatory | IT, AT | StringMax length allowed: 50Allowed pattern: "([^×Þ÷þ])[A-Za-z0-9À-ÖØ-öø-ÿ:,!`'/\-\.\(\)'@=~+&amp;&quot;&lt;&gt; \w]\*"IT: For ‘Business’ customer type this field is not requiredAT: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. |
| fiscalCode | Conditional Mandatory | IT | If customer Type is ‘Residential’ then this field is mandatory for ITfixed allowed length: 16 |
| importAndCease | Not required for activation | IT | NA |
| amalgamateWithVAT | Mandatory | IT | Amalgamate numbers with VAT/tax codeAllowed values are in bold:* **true** = Grouping
* **false** = No grouping
 |
| directMarketingPreference | Optional  | IE | Allowed values: * true
* false
 |
| **order**Mandatory (for customers using Colt Owned Numbers)N/A (for customers using their own number pool) |
| **triPartyAgreementType** |
| fileName |  | FR | documentNameTypestringpattern: .\*((\.docx)|(\.pdf)|(\.doc)) |
| fileContent |  | FR | attachmentTypestring($base64)maxLength: *5242880* 5MB |
| **lockId** (RESTRICTED USE ONLY) | Conditional Mandatory | All except FR, DE and ZoneB countries | lockId received as the part of lockFreeNumbers API to be passed here.Either lockId or CLI list to be passed in the input. |

Below is the sample request and response for UK for reference only.

#### UK

Mandatory fields are highlighted.

Conditional mandatory fields are highlighted

* Either the complete address or addressID is required in the request

DSU node is an optional node for UK. If customer enters one field inside the node, other required fields becomes mandatory.

##### Activate numbers using lockId -with end customer details and end customer address (no DSU)

|  |  |
| --- | --- |
| Request | Response |
| {    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "endCustomerName": "Colt Technologies",            "customerType": "Business",            "endCustomerAddress": {                "buildingName": "COLT HOUSE",                "houseNumber": "20",                "streetName": "GREAT EASTERN STREET",                "city": "LONDON",                "postalCode": "EC2A 3EH"            },            "customerReference": "My Customer"        }    }, "lockId": "9927fb7a-230c-4778-a533-1af2ea888ab9"} | {    "order": {        "id": "87eca520-fg16-1234-a23d-9ac6e060ed23"    }} |

##### Activate numbers using multiple locked numbers with end customer details and addressID

|  |  |
| --- | --- |
| Request | Response |
| {        "numberRangeList": [        {            "numberRangeStart": "+442081231000",            "numberRangeEnd": "+442081231000"        }, {            "numberRangeStart": "+442081231001",            "numberRangeEnd": "+442081231002"        }, {            "numberRangeStart": "+442081231003",            "numberRangeEnd": "+442081231003"        }, {            "numberRangeStart": "+442081231004",            "numberRangeEnd": "+442081231004"        }    ],    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "endCustomerName": "Colt Technologies",            "customerType": "Business",            "endCustomerAddress": {                "addressID": "1-1TY3UEP"            },            "customerReference": "My Customer"        }    }} | {    "order": {        "id": "87eca520-fg16-1234-a23d-9ac6e060ed23"    }} |

##### Activate numbers using lockId -with end customer details and end customer address (with DSU)

|  |  |
| --- | --- |
| Request | Response |
| {    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "endCustomerName": "Colt Technologies",            "customerType": "Business",            "endCustomerAddress": {                "buildingName": "COLT HOUSE",                "houseNumber": "20",                "streetName": "GREAT EASTERN STREET",                "city": "LONDON",                "postalCode": "EC2A 3EH"            },            "customerReference": "My Customer"        }    },    "directoryServicesDetails": {        "businessSuffix": "Company Ltd",        "businessDescription": "Accountants",        "subHeader": "Sales",        "subSubHeader": "Sales Sub Header",        "subSubSubHeader": "Sales Sub Sub Header",        "qualifier": "Department A",        "entryType": "DE",        "listingCategory": "Group",        "typeFace": "Ordinary",        "priority": "A",        "listingType": "DQMain",        "directoryAddress": {            "buildingName": "COLT HOUSE",            "houseNumber": "20",            "streetName": "GREAT EASTERN STREET",            "city": "LONDON",            "postalCode": "EC2A 3EH"        }    }, "lockId": "9927fb7a-230c-4778-a533-1af2ea888ab9"} | {    "order": {        "id": "78019495-03bf-433b-9813-bd510eecb586"    }} |

##### Activate numbers using multiple locked numbers with end customer details & DSU and addressID

|  |  |
| --- | --- |
| Request | Response |
| {        "numberRangeList": [        {            "numberRangeStart": "+442081231000",            "numberRangeEnd": "+442081231000"        }, {            "numberRangeStart": "+442081231001",            "numberRangeEnd": "+442081231002"        }, {            "numberRangeStart": "+442081231003",            "numberRangeEnd": "+442081231003"        }, {            "numberRangeStart": "+442081231004",            "numberRangeEnd": "+442081231004"        }    ],    "productOffering": {        "name": "Wholesale SIP"    },    "relatedParty": {        "reseller": {            "serviceProfile": "ANH",            "country": "GB"        },        "endCustomerDetails": {            "endCustomerName": "Colt Technologies",            "customerType": "Business",            "endCustomerAddress": { "addressID": " 1-1TY3UEP"            },            "customerReference": "My Customer"        }    },    "directoryServicesDetails": {        "businessSuffix": "Company Ltd",        "businessDescription": "Accountants",        "subHeader": "Sales",        "subSubHeader": "Sales Sub Header",        "subSubSubHeader": "Sales Sub Sub Header",        "qualifier": "Department A",        "entryType": "DE",        "listingCategory": "Group",        "typeFace": "Ordinary",        "priority": "A",        "listingType": "DQMain",        "directoryAddress": { "addressID": " 1-1TY3UEP"        }    }} | {    "order": {        "id": "78019495-03bf-433b-9813-bd510eecb586"    }} |

# Backfill number request

Backfill APIs (restricted use only) supports 2 resources

1. POST/freeNumberBackfill/order
2. POST/cancelFreeNumberBackfill/order

Please contact ResellerSupport.Voice@colt.net if you wish to use these APIs.



When you’ll submit the backfill request, the order will move to ‘Validation In Progress’ status.

* **If the numbers are available**
	+ System will reserve the numbers automatically as per the search request
	+ You will be notified via an email
	+ If you have opted for callBack notifications, you will receive the notification regarding the completion of backfill Request.
	+ Order details will show the list of numbers reserved as the part of order.
* **If the numbers are not available**
	+ Colt Number Manager will receive the request
	+ Number Manager can either Accept or Reject the request
		- If Accepted, then you will receive the notification with expected lead time.
		- If Rejected, then you will receive the notification with rejection reason.
	+ When order is in ‘Accepted’ status, Number Manager will initiate the completion of the request when free numbers are added into the number management system
		- System will reserve the numbers automatically as per the search request
		- If you have opted for callBack notifications, you will receive the notification regarding the completion of backfill Request.
		- Order details will show the list of numbers reserved as the part of order.
* You can cancel the backfill request by placing the Cancel Backfill request
	+ order should be in ‘Validation In Progress’ or ‘Accepted’ status.
	+ Order will move to ‘Cancelled’ status
	+ If you have opted for callBack notifications, you will receive the notification regarding the completion of backfill Request.

## freeNumberBackfill

**Description:**

Request for free number backfill for a specific location.

Not applicable for DE, FR and Zone B countries

*Please note in Austria you can only search for and find free single numbers with quantity = 1 in accordance with the numbering plan.*

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/freeNumberBackfill/order
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/freeNumberBackfill/order

**Method:** POST

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| **relatedParty** |
| country | Mandatory | Applicable for AT, IE, IT, NL, ES, SE, CH, GB, PT, DK |
| serviceProfile | Optional | service profile associated with customer requestmandatory if customer has more than one service profile per country |
| endCustomerDetails (Optional) |
| customerReference | Optional | *example: My CustomermaxLength: 50*Customer reference associated wth number range. If customer reference is being sent as a query parameter in a URL, it should be URL-encoded to ensure proper transmission |
| **backfillDetails** |
| numberPrefix | Mandatory | stringsupported format: +countryCode<LAC>+44208Minimum accepted LAC length without leading 0 is listed belowAT, BE, IE, IT, SE: 1GB, CH, PT, NL: 2ES: 3 |
| numberType | Mandatory | Available values : **GEOGRAPHICAL\_NUMBERS** for Geo numbers**GEOGRAPHICAL\_NOMADIC\_NUMBERS** for Geo Nomadic Numbers (applicable for ES only)**LOCATION\_INDEPENDENT\_NUMBERS** for Nomadic numbers (applicable forAT, IE, IT, NL, ES, SE, GB, PT)**UK\_WIDE\_ANY\_SERVICES** for UK 033X numbers(applicable for UK only)**UK\_WIDE\_PUBLIC\_SERVICES** for UK 03XX numbers (applicable for UK only)**CH\_WIDE\_CORPORATE\_NUMBERS** for CH corporate/nomadic numbers |
| searchType | Mandatory | Available values : **singleNumber****contiguousNumbers** |
| quantity | Optional | If singleNumber: quantity allowed is 1,2,3….100If contiguousNumbers, allowed quantity values are: 10,20,30,..80, 90,100,200If no quantity entered by user:* For singleNumber, max limit is 20

For contiguousNumbers, max limit is 10 |
| justification | Optional | Reason for backfill request*maxLength: 2048* |
| **productOffering** |
| name | Mandatory | Allowed value:Wholesale SIP |

### Request for geo number backfill- GB

|  |  |
| --- | --- |
| Request | Response |
| {    "backfillDetails": {        "quantity": 2,        "numberPrefix": "+44208",        "searchType": "singleNumber",        "numberType": "GEOGRAPHICAL\_NUMBERS",        "justification": "Need numbers for end customer"    },    "relatedParty": {        "reseller": {            "serviceProfile": "BKG",            "country": "GB"        },        "endCustomerDetails": {            "customerReference": "Backfill number request"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "order": {        "id": "fb477fc0-9088-4119-925c-38a0c5eb1b79"    }} |

### Request for nomadic number backfill- ES (without service profile, customerReference)

|  |  |
| --- | --- |
| Request | Response |
| {    "backfillDetails": {        "quantity": 200,        "numberPrefix": "+34516",        "searchType": "contiguousNumbers",        "numberType": "LOCATION\_INDEPENDENT\_NUMBERS",        "justification": "Need numbers for end customer"    },    "relatedParty": {        "reseller": {            "country": "ES"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "order": {        "id": "fb477fc0-9088-4119-925c-38a0c5eb1b79"    }} |

## Cancel freeNumberBackfill request

**Description:**

Cancel a free number backfill request which has been submitted and which is not yet fulfilled.

You can submit the request when order is in ‘Validation In Progress’ or ‘Accepted’ status.

Not applicable for DE, FR and Zone B countries

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/cancelFreeNumberBackfill/order
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/cancelFreeNumberBackfill/order

**Method:** POST

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| **relatedParty** |
| country | Mandatory | Applicable for AT, IE, IT, NL, ES, SE, CH, GB, PT, DK |
| serviceProfile | Optional | service profile associated with customer requestmandatory if customer has more than one service profile per country |
| **order** |
| id | Mandatory | Unique identifier of the orderpattern: ^[A-Za-z0-9-]{1,36}$maxLength: 36example: 8700206f-c3b3-4c10-8cc2-2490f41eedc0 |
| **productOffering** |
| name | Mandatory | Allowed value:Wholesale SIP |

### Cancel backfill request for AT (with service profile)

|  |  |
| --- | --- |
| Request | Response |
| {    "order": {        "id": "91352f42-0fda-418d-8bb8-3f1a4d023c28"    },    "relatedParty": {        "reseller": {            "serviceProfile": "BVV",            "country": "AT"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "order": {        "id": "fb477fc0-9088-4119-925c-38a0c5eb1b79"    }} |

### Cancel backfill request for IE (without service profile)

|  |  |
| --- | --- |
| Request | Response |
| {    "order": {        "id": "91352f42-0fda-418d-8bb8-3f1a4d023c28"    },    "relatedParty": {        "reseller": {            "country": "IE"        }    },    "productOffering": {        "name": "Wholesale SIP"    }} | {    "order": {        "id": "ab433fc0-1234-6789-123c-45a0c4eb1b34"    }} |