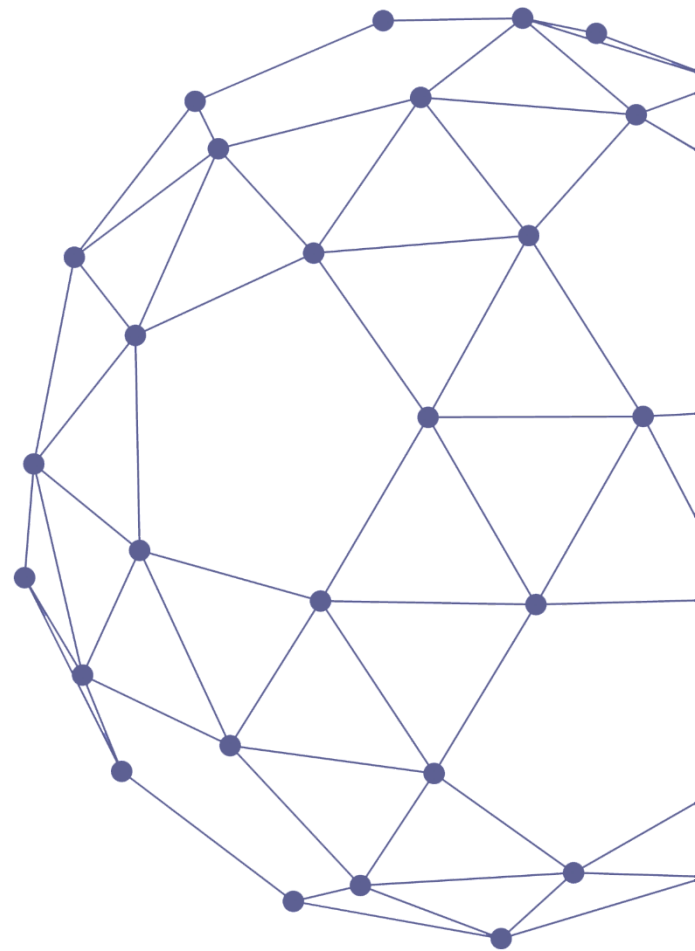


Introducing KYC API v2 - New Endpoints

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January 2024

Introducing KYC API v2 endpoints

system

countries	GET
catalog	GET
health	GET
priceList	GET
monitorChangeTypes	GET
uboLegalTypes	GET

company

indexSearch	POST		
liveSearch	POST		
idSearch	POST		
dataset	POST	GET	GET-with-id
enhanced	POST		
announcement	POST	GET-with-id	

product

search	GET				
order	POST	GET	GET-with-id	GET-content	PUT
landregister	POST				
ubo	POST				
kybAssist	POST				

monitor

monitor	POST	GET	GET-with-id	GET-with-ids	DELETE
monitorSettings	PUT	GET			

verification

ein	POST		
tin	POST		
vat	POST		
iban	POST		
leiValidation	POST	GET	GET-with-id
isin	POST		

application

callback	PUT	GET	GET-with-id	DELETE
----------	-----	-----	-------------	--------

Introducing KYC API v2 system endpoints

Enabled countries

GET <https://api.kompany.com/api/v2/system/countries>

BODY parameters
no parameters needed

RESPONSE structure

```
[
  {
    "countryCode": "AR",
    "countryName": "Argentina"
  }
]
```

Health status

GET <https://api.kompany.com/api/v2/system/health>

BODY parameters
no parameters needed

RESPONSE structure

```
[
  {
    "countryCode": "AE",
    "status": "UNKNOWN"
  },
  {
    "countryCode": "AT",
    "status": "GREEN"
  },
  ...
]
```

- health status of jurisdictions
 - the **RED** value indicates that the health status of the jurisdiction is critical
 - the **YELLOW** value indicates that the health status of the jurisdiction is moderate
 - the **GREEN** value indicates that the health status of the jurisdiction is good
 - as the statuses are evaluated by real use, if the jurisdiction has not been used enough in the evaluation period the **UNKNOWN** status will be used

Price list

GET <https://api.kompany.com/api/v2/system/pricelist>

BODY parameters
no parameters needed

RESPONSE structure

```
[
  {
    "productName": "Product REPOHFAT (Tier: E)",
    "productType": "REPOHFAT",
    "productCategory": "Document government fee",
    "productDescription": "Current company information from the official primary source retrieved in real-time",
    "countryCode": "AT",
    "estimatedDeliverySeconds": 103650,
    "price": 9,
    "priceCurrency": "EUR",
    "monthlyTierMinimum": 0,
    "monthlyTierMaximum": null,
    "relatedProductType": null
  },
  {
    "productName": "Product REPOFEBFI (Tier: E)",
    "productType": "REPOFEBFI",
    "productCategory": "Document government fee",
    "productDescription": "Current company information from the official primary source retrieved in real-time",
    "countryCode": "FI",
    "estimatedDeliverySeconds": 0,
    "price": 9,
    "priceCurrency": "EUR",
    "monthlyTierMinimum": 0,
    "monthlyTierMaximum": null,
    "relatedProductType": null
  },
  ...
]
```

- note that response incl. prices may differ regarding to the plan setting your user is assigned to

Product catalog

GET <https://api.kompany.com/api/v2/system/catalog/{country}>

BODY parameters
countryCode required parameter; 2 or 5 digit code for the country, example: AT or US-DE

RESPONSE structure

```
[
  {
    "productName": "Register Report",
    "productDescription": "Current company information from the official primary source retrieved in real-time",
    "productType": "REPOHFAT",
    "productCategory": "Document government fee",
    "countryCode": "AT",
    "estimatedDeliverySeconds": 0
  },
  {
    "productName": "Annual Account",
    "productDescription": "Annual account as filed with the Austrian Firmenbuch.",
    "productType": "ADDAAHFAT",
    "productCategory": "Document government fee",
    "countryCode": "AT",
    "estimatedDeliverySeconds": 0
  },
  {
    "productName": "Article of Association",
    "productDescription": "Founding documents of the company from an official primary source retrieved in real-time",
    "productType": "ADDASHFAT",
    "productCategory": "Document government fee",
    "countryCode": "AT",
    "estimatedDeliverySeconds": 0
  },
  ...
]
```

Monitor change types

GET <https://api.kompany.com/api/v2/system/monitorChangeTypes>

BODY parameters
no parameters needed

RESPONSE structure

```
[
  "address",
  "agent",
  "all",
  "documents",
  "legalForm",
  "name",
  "shareholder",
  "status",
  "officialAnnouncements"
]
```

UBO Discovery legal types

GET <https://api.kompany.com/api/v2/system/uboLegalTypes>

BODY parameters
no parameters needed

RESPONSE structure

```
[
  {
    "countryCode": "AU",
    "legalType": [
      "Australian Proprietary Company",
      "Australian Private Company"
    ]
  },
  {
    "countryCode": "UK",
    "legalType": [
      "ltd",
      "Private Company Limited by Shares",
      "private-unlimited",
      "plc",
      "private-limited-shares-section-30-exemption",
      "llp"
    ]
  }
]
```

Introducing KYC API v2 search endpoints

Index & live search

POST <https://api.kompany.com/api/v2/company/indexSearch>

POST <https://api.kompany.com/api/v2/company/liveSearch>

BODY parameters

countryCode	optional parameter for indexSearch, mandatory for liveSearch; 2 or 5 digit code for the country, example: AT or US-DE
searchMethod	the method can be name or number
searchValue	search term such as 360kompany or 375714x
alternativeSource	optional parameter for using alternative source, current values are VR and GISA in case of Austria ¹
strictSearch	optional boolean parameter for wider range of results (allows lower match ratio), default true
limit	optional parameter to control the length of resultSet, default 10 , valid range between 1 and 100

RESPONSE structure

```
{
  "countryCode": "AT",
  "searchMethod": "name",
  "searchValue": "360kompany",
  "searchId": null,
  "status": "COMPLETED",
  "requestTime": "2023-06-22T12:09:54+00:00",
  "responseTime": "2023-06-22T12:09:57+00:00",
  "limit": 10,
  "searchResults": [
    {
      "companyId": "77A5AD48BBB33E5E3A397FFC920C3885",
      "countryCode": "AT",
      "countryName": "Austria",
      "registrationNumber": "375714x",
      "name": "360kompany AG",
      "status": "LIVE",
      "address": null,
      "additionalData": null,
      "sources": {
        "lastCheckedTime": "2023-06-22T11:48:58+00:00"
      }
    }
  ]
}
```

- optional parameters as **countryCode**, **alternativeSource**, **strictSearch**, **limit** will show up in the response only when added to the request with a non-null value
- further feature-based datapoints, such as **proofId** for liveSearch can be shown up in the response as well
- **countryCode** is optional only for the indexSearch endpoint; in case of liveSearch endpoint request, it's mandatory

Id search

POST <https://api.kompany.com/api/v2/company/idSearch>

BODY parameters

searchValue	search term such as companyId , orbisId , bvdId
-------------	--

RESPONSE structure

```
{
  "searchMethod": "companyId",
  "searchValue": "AT/375714x",
  "status": "COMPLETED",
  "requestTime": "2023-09-25T13:24:40+00:00",
  "responseTime": "2023-09-25T13:24:42+00:00",
  "searchResult": {
    "companyId": "77A5AD48BBB33E5E3A397FFC920C3885",
    "countryCode": "AT",
    "registrationNumber": "375714x",
    "name": "360kompany AG",
    "additionalData": {
      "otherIdentifiers": {
        "localNumber": "375714x",
        "bvdId": "AT9110785979",
        "orbisId": "133050994"
      }
    }
  },
  "sources": {
    "lastCheckedTime": "2023-09-25T07:44:31+00:00"
  }
}
```

Introducing KYC API v2

search endpoints

Conduct an idSearch

POST <https://api.kompany.com/api/v2/company/idSearch>

BODY parameters

searchValue search term such as **77A5AD48BBB33E5E3A397FFC920C3885** (kompanyId) or **AT9110785979** (bvdId) or **133050994** (orbisId)

RESPONSE structure

```
{
  "searchMethod": "kompanyId",
  "searchValue": "77A5AD48BBB33E5E3A397FFC920C3885",
  "status": "COMPLETED",
  "requestTime": "2023-05-26T08:51:46+00:00",
  "responseTime": "2023-05-26T08:51:46+00:00",
  "searchResult": {
    "kompanyId": "77A5AD48BBB33E5E3A397FFC920C3885",
    "countryCode": "AT",
    "countryName": "Austria",
    "registrationNumber": "375714x",
    "name": "360kompany AG",
    "status": "LIVE",
    "address": null,
    "additionalData": {
      "otherIdentifiers": {
        "bvdId": "AT9110785979",
        "orbisId": "133050994"
      }
    }
  },
  "sources": {
    "lastCheckedTime": "2023-05-26T07:28:39+00:00"
  }
}
```

- searchMethod: the background process identifies automatically the type of the searchValue and the correspondent type is shown here. Values can be **kompanyId** or **bvdId** or **orbisId**
- status: **PROCESSING, COMPLETED, FAILED, DELAYED, DENIED-NOT-AVAILABLE**
- requestTime and responseTime: format is YYYY-MM-DD Thh:mm

Introducing KYC API v2 dataset endpoints

Dataset order

POST <https://api.kompany.com/api/v2/company/dataset>

BODY parameters

companyId unique id of the company entity in question
datasetName name of the dataset in question; values can be: [full](#), [refresh](#)
datasetOptions further (optional) parameters for datasets, i.e. {"checkStockListing": "false"}

RESPONSE structure

```
{
  "datasetId": "1234567890ABCDEF1234567890ABCDEF",
  "companyId": "1234567890ABCDEF1234567890ABCDEF",
  "datasetName": "full",
  "datasetOptions": {},
  "info": null,
  "status": "COMPLETED",
  "requestTime": "2023-01-01 00:00",
  "responseTime": "2023-01-01 00:00",
  "estimatedDeliverySeconds": 1,
  "content": {
    "companyId": "1234567890ABCDEF1234567890ABCDEF",
    "countryCode": "AT",
    "registrationNumber": "375714x",
    "name": "360kompany AG",
    "status": "LIVE",
    "providedStatus": "Aktiv",
    "address": [],
    "legalForm": "Aktiengesellschaft",
    "industryActivityCode": {...},
    "associatedEntities": {...},
    "additionalData": {...},
    "providerSpecificData": {},
    "sources": [...],
    "lastCheckedTime": "YYYY-MM-DDThh:mm:ssZ"
  }
}
```

- datasetId: unique id of the dataset
- companyId: unique id of the company in question
- datasetName: retrieves the requested of: [full](#), [refresh](#)
- datasetOptions: shows the parameters set in request body (if any)
- info: additional human-readable information (if any)
- status: [PROCESSING](#), [COMPLETED](#), [FAILED](#), [DELAYED](#), [DENIED-NOT-AVAILABLE](#)
- requestTime and responseTime: format is YYYY-MM-DD Thh:mm
- estimatedDeliverySeconds: calculated average of delivered requests
- content
 - a [companyObject](#) can be found in the content tag if the request has been successfully completed
 - in most of the cases, the retrieval of the requested data can happen immediately (synchronously) and the response already contains the inquired information of the company in question
 - if the content tag is empty (and the status of the dataset retrieval is [PROCESSING](#)) the [companyObject](#) should be retrieved asynchronously after a time with the GET method below
 - the example of the [companyObject](#) here is only showing the root level of the datapoints

Dataset list

GET <https://api.kompany.com/api/v2/company/dataset>

QUERY parameters

status optional filter to get monitors with a particular status
limit optional parameter to set the size of resultSet
offset optional parameter to set the level of shift in the resultSet
datasetName optional filter to list up only specific type of datasets: [full](#), [refresh](#), [enhanced](#)
requestTimeFrom optional filter for list items regarding the start time of the original request
requestTimeTo optional filter for list items regarding the end time of the original request

RESPONSE structure

```
{
  "offset": 0,
  "limit": 10,
  "datasets": [{structure is identical to the POST method}]
}
```

Dataset retrieval

GET <https://api.kompany.com/api/v2/company/dataset/{datasetId}>

PATH parameters

datasetId the unique id of the previously requested dataset

RESPONSE structure

the response structure for the GET method is identical to the POST method

Introducing KYC API v2 enhanced dataset endpoint

Process

Background actions when purchasing an enhanced dataset

- retrieval of a **refresh** dataset (in some cases it can be suppressed)
- enhanced activity (determined by the source)
 - additional background call for structured data retrieval and/or
 - document purchase and data extraction
- playout of all the available data as in the `companyObject` structure

Enhanced dataset order

```
POST https://api.kompany.com/api/v2/company/enhanced
```

BODY parameters

kompanyId	unique id of the company entity in question
language	optional parameter for preferred language, possible values are <code>OG</code> , <code>EN</code> , <code>FR</code>
enhancedOptions	generalData: true/false stakeholders: true/false shareholders: true/false beneficialOwners: true/false suppressRefresh: true/false

RESPONSE structure

```
{
  "datasetId": "1234567890ABCDEF1234567890ABCDEF",
  "kompanyId": "1234567890ABCDEF1234567890ABCDEF",
  "datasetName": "enhanced",
  "enhancedOptions": {
    "generalData": true,
    "stakeholders": false,
    "shareholders": false,
    "beneficialOwners": false,
    "suppressRefresh": false
  },
  "info": null,
  "status": "COMPLETED",
  "requestTime": "2023-01-01 00:00",
  "responseTime": "2023-01-01 00:00",
  "estimatedDeliverySeconds": 1,
  "content": {
    "kompanyId": "1234567890ABCDEF1234567890ABCDEF",
    "countryCode": "AT",
    "registrationNumber": "375714x",
    "name": "360kompany AG",
    "status": "LIVE",
    "providedStatus": "Aktiv",
    "address": [],
    "legalForm": "Aktiengesellschaft",
    "industryActivityCode": {...},
    "associatedEntities": {...},
    "additionalData": {...},
    "providerSpecificData": {},
    "sources": []
  }
}
```

- datasetId: unique id of the dataset
- kompanyId: unique id of the company in question
- datasetName: in case of this endpoint it has the value: **enhanced**
- enhancedOptions: shows the parameters set in request body
- info: additional human-readable information (if any)
- status: **PROCESSING**, **COMPLETED**, **FAILED**, **DELAYED**, **DENIED-NOT-AVAILABLE**
- requestTime and responseTime: format is YYYY-MM-DD Thh:mm
- estimatedDeliverySeconds: calculated average of delivered requests
- content
 - a `companyObject` can be found in the content tag if the request has been successfully completed
 - in most of the cases, the retrieval of the requested data can happen immediately (synchronously) and the response already contains the inquired information of the company in question
 - if the content tag is empty (and the status of the dataset retrieval is **PROCESSING**) the `companyObject` should be retrieved asynchronously after a time with the GET method below
 - the example of the `companyObject` here is only showing the root level of the datapoints

Retrieve the list of datasets or a certain dataset

Retrieval of the enhanced dataset happens with the GET dataset and GET dataset-with-id endpoints. For further information see the one-pager about the dataset endpoints.

Availability matrix for enhanced datasets

legend: X - available X - available through OCR extraction

countryCode	generalData	stakeholders	shareholders	beneficialOwners
AU - Australia	X	X	X	
CN - China	X		X	
CZ - Czech				X
DE - Germany		X		
DK - Denmark				X
EE - Estonia	X	X	X	X
ES - Spain	X	X		
FI - Finland	X	X		
FR - France		X	X	X
GE - Georgia	X	X		
GG - Guernsey	X			
GI - Gibraltar	X			
HK - Hong Kong	X	X	X	
HU - Hungary			X	
IE - Ireland			X	
JE - Jersey	X			
LT - Lithuania	X	X		
LU - Luxembourg	X	X	X	
LV - Latvia	X	X		X
MK - Macedonia	X	X		
MT - Malta	X	X		
MY - Malaysia			X	
NL - Netherlands	X	X		
PL - Poland	X	X	X	X
RO - Romania	X	X	X	
SE - Sweden	X	X		
SG - Singapore		X	X	
SI - Slovenia	X	X	X	
UK - United Kingdom			X	X

Typical data fields for generalData

countryCode	generalData contains
AU - Australia	registrationDate, mailingAddress, subClass (p), abn (p), formattedAddress (p)
CN - China	address activity registerCourt, otherNumber, legalForm
EE - Estonia	registerCourt
ES - Spain	address dateOfIncorporation
FI - Finland	address providedStatus
GE - Georgia	address providedStatus, dateOfIncorporation
GG - Guernsey	address activity providedStatus, dateOfIncorporation
GI - Gibraltar	address activity providedStatus, dateOfIncorporation
HK - Hong Kong	address providedStatus, dateOfIncorporation, oldName, otherName
JE - Jersey	address activity providedStatus, dateOfIncorporation
LT - Lithuania	address providedStatus, dateOfIncorporation
LU - Luxembourg	address dateOfIncorporation
LV - Latvia	address providedStatus, dateOfIncorporation
MK - Macedonia	address activity providedStatus, dateOfIncorporation
MT - Malta	address providedStatus, dateOfIncorporation
NL - Netherlands	address dateOfIncorporation
PL - Poland	address
RO - Romania	address
SE - Sweden	address dateOfIncorporation, lastAnnouncementDate
SI - Slovenia	address activity providedStatus, taxNumber

Introducing KYC API v2

company announcement endpoints

Announcement

POST `https://api.kompany.com/api/v2/company/announcement/{companyId}`

PATH parameters

`companyId` unique id of the company entity in question

QUERY parameters

`offset` dataset list query offset; default 0

`limit` dataset list query limit; default 10

RESPONSE structure

```
[
  {
    "announcementId": "74D4B402B28FFBD28993F09583DC0B38",
    "companyId": "77A5AD48BBB33E5E3A397FFC920C3885",
    "countryCode": "AT",
    "registrationNumber": "AT/375714X",
    "announcementType": "MODIFICATION",
    "publicationDate": "2023-03-04T00:00:00+00:00",
    "announcementText": "Für die Firma mit der offiziellen Registernummer 375714x ... "
  },
  ...
]
```

- `announcementId`: unique id of the announcement

Announcement retrieval

GET `https://api.kompany.com/api/v2/company/announcement/{companyId}/{announcementId}`

PATH parameters

`companyId` unique id of the company entity in question

`announcementId` the unique id of the previously requested announcement

RESPONSE structure

the response structure for the GET method is identical to the GET method above

Introducing KYC API v2

order endpoints

Product search

GET <https://api.kompany.com/api/v2/product/search/{kompanyId}>

PATH parameters

kompanyId unique id of the company entity in question

QUERY parameters

productType optional filter to list up only specific type of products (SKUs)

startDate optional filter for list items regarding the start date for retrieving documents. This parameter only works when productType is **DOCOFSEUS**.

endDate optional filter for list items regarding the end date for retrieving documents. This parameter only works when productType is **DOCOFSEUS**.

RESPONSE structure

```
[
  {
    "productType": "{productTypeSKU}",
    "productCategory": "{document/dataset/search/...}",
    "productName": "Register Report",
    "productDescription": "Current company information from ...",
    "countryCode": {
      "reference": "countryCode.json"
    },
    "requiresOption": true,
    "estimatedDeliverySeconds": 1234,
    "orderOptions": {
      "productOptions": [
        {
          "date": "2020-01-01",
          "productName": "Yearly report",
          "productOptionId": "2020-01-01"
        }
      ]
    },
    "availability": "true"
  }
]
```

- the `system.catalog` endpoint also can be used for the static list of possibly available productTypes
- in most of the cases `requiresOption` is false, therefore `productOptions` is null; and product can be ordered just giving `kompanyId` and `productType`. However – typically for yearly announced filings, more documents are available under one productType. (i.e. Annual Account for multiple years)
- with the `productOptions` field there are 2 possible scenarios
 - in one case the source only provides a single string (date) as identifier, such as `"2022"` or `"2022-01-01"`; in those cases the `productOption` object will look like as in the example in the left-hand side
 - in other cases the source provide detailed information like an id and the type of the document in questions; in those cases the `productOption` object is as below

```
{
  "productOption": "{id-from-provider}",
  "date": "2021-01-01",
  "type": "Antrag"
}
```
- in both cases the value of `productOption` need to be grabbed and used for the product order hit

Product order

POST <https://api.kompany.com/api/v2/product/order>

BODY parameters

kompanyId unique id of the company entity in question

productType type of the requested document, aka. SKU

productOptionId further (optional) parameter, used for giving the [year](#), [date](#) or [documentId](#) to Annual Account order

RESPONSE structure

```
{
  "orderId": "{orderId}",
  "kompanyId": "{kompanyId}",
  "productType": "{productTypeSKU}",
  "orderOptions": {
    "productOption": {
      "productOptionId": "{productOptionId}",
    },
  },
  "status": "PROCESSING",
  "estimatedDeliverySeconds": 1,
  "info": "human-readable-text",
  "requestTime": "YYYY-MM-DDThh:mm:ssZ",
  "responseTime": "YYYY-MM-DDThh:mm:ssZ",
  "mimeTypes": [
    "application/json",
    "application/pdf"
  ]
}
```

- `orderId`: unique id of the purchased order request
- `kompanyId`: unique id of the company in question
- `productType`: retrieves the requested type of product i.e.: **REPOFCHUK**
- `orderOptions`: shows the `productOption` parameters set in request body (if any)
- `status`: **PROCESSING**, **COMPLETED**, **FAILED**, **DELAYED**, **DENIED-NOT-AVAILABLE**
- `estimatedDeliverySeconds`: calculated average of delivered requests
- `requestTime` and `responseTime`: format is `YYYY-MM-DD Thh:mm`
- `mimeTypes`: informs about the available type of the requested content which is typically pdf

Product order list

GET <https://api.kompany.com/api/v2/product/order>

QUERY parameters

status optional filter to get orders with a particular status

limit optional parameter to set the size of resultSet

offset optional parameter to set the level of shift in the resultSet

productType optional filter to list up only specific type of products (SKUs)

requestTimeFrom optional filter for list items regarding the start time of the original request

requestTimeTo optional filter for list items regarding the end time of the original request

RESPONSE structure

```
{
  "offset": "string",
  "limit": "string",
  "orders": [{structure is identical to the POST method}],
  "requestTime": "YYYY-MM-DDThh:mm:ssZ",
  "responseTime": "YYYY-MM-DDThh:mm:ssZ"
}
```

Product order retrieval

GET <https://api.kompany.com/api/v2/product/order/{orderId}>

PATH parameters

orderId the unique id of the previously requested order

RESPONSE structure

the response structure for the GET method is identical to the POST method

Product content retrieval

GET <https://api.kompany.com/api/v2/product/order/{orderId}/content>

HEADER elements

accept based on the [acceptTypes](#) datapoint in the previous response, `application/pdf`, `application/json` or `application/xml` are the possibly accepted values, that determine the file type in question

PATH parameters

orderId the unique id of the previously requested order

RESPONSE (structure)

as a response endpoint provides a file, determined by the `accept`; in case of error the response will be played out as JSON

Product order update

PUT <https://api.kompany.com/api/v2/product/order/{orderId}>

BODY parameters

orderId the unique id of the previously requested order

action command to be applied to the order process, values can be **ABORT** or **RESUME**

RESPONSE structure

the response structure for the GET method is identical to the POST method

Kompany

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Introducing KYC API v2

UBO Discovery endpoints

UBO Discovery order

```
POST https://api.kompany.com/api/v2/product/order/ubo
```

BODY parameters

kompanyId	unique id of company element in subject
credits	optional; a valid amount in Euro (minimum is 1; integer)
strategy	optional; FULL ; all nodes in the tree are in scope. LEVELS ; only nodes fulfilling the thresholds specified.
levels	optional; threshold for different levels of crawling
threshold	optional; threshold for percentage of ownerships; default when unspecified – all discovered UBOs will be included
includeDocs	optional; boolean; include the purchase of individual register documents. Default when unspecified; false
monitor	optional; enable monitoring of all discovered corporate nodes for some of the supported jurisdictions. default when unspecified; false

RESPONSE structure

```
{
  "orderId": "AB12344C895CB1DDDDA9305417945GFGJ",
  "kompanyId": "E41861C895CB1DDDDA93054179FFA172",
  "productType": "ADD0FVRAT",
  "orderOptions": {
    "uboOption": {
      "credits": 1,
      "strategy": "FULL",
      "levels": [
        "25",
        "50"
      ],
      "threshold": 25,
      "includeDocs": true,
      "monitor": true
    },
    "status": "PROCESSING",
    "estimatedDeliverySeconds": 100,
    "info": "human-readable-text",
    "responseTime": "2022-11-16T11:26:33+00:00",
    "requestTime": "2022-11-16T11:26:33+00:00",
    "mimeTypes": [
      "application/json",
      "application/pdf"
    ]
  }
}
```

Product order retrieval

```
GET https://api.kompany.com/api/v2/product/order/{orderId}
```

HEADER elements

accept	based on the “meta” data for the certain order, application/pdf , application/json or application/xml are the possibly accepted values, that determine the file type in question
--------	---

PATH parameters

orderId	the unique id of the previously requested order
---------	---

RESPONSE (structure)

as a response endpoint provides a file, determined by the mimeType; in case of error the response will be played out as json

Product order update

```
PUT https://api.kompany.com/api/v2/product/order/{orderId}
```

PATH parameters

orderId	id of the order to retrieve
action	command to be applied to the order process, values can be ABORT or RESUME

RESPONSE structure

the response structure for the GET method is identical to the POST method

Product content retrieval

```
GET https://api.kompany.com/api/v2/product/order/{orderId}/content
```

PATH parameters

orderId	the unique id of the previously requested order
---------	---

RESPONSE structure

```
{
  "nodes": [
    {
      "nodeId": "{unique-ID-of-specific-node}",
      "isRoot": true,
      "nodeType": "COMPANY",
      "extractionTime": "2023-05-22 08:57:56",
      "ultimatePercentage": "100",
      "associatedEntity": {
        "name": "{name-of-the-root-company}",
        "company": {"reference": "companyObject"}
      }
    }
  ],
  "links": [
    {
      "targetNodeId": "{unique-ID-of-specific-node}",
      "sourceNodeId": "{unique-ID-of-specific-node}",
      "linkType": "SHAREHOLDER",
      "sharePercentage": "{sample-percentage-of-ownership}"
    }
  ]
}
```

Product order list

```
GET https://api.kompany.com/api/v2/product/order
```

QUERY parameters

status	optional filter to get monitors with a particular status
limit	optional parameter to set the size of resultSet
offset	optional parameter to set the level of shift in the resultSet
productType	optional filter to list up only specific type of products (SKUs)
requestTimeFrom	optional filter for list items regarding the start time of the original request
requestTimeTo	optional filter for list items regarding the end time of the original request

RESPONSE structure

```
{
  "offset": "string",
  "limit": "string",
  "orders": [{structure is identical to the POST method}],
  "requestTime": "YYYY-MM-DDThh:mm:ssZ",
  "responseTime": "YYYY-MM-DDThh:mm:ssZ"
}
```

UBO Discovery legal types

```
GET https://api.kompany.com/api/v2/system/uboLegalTypes
```

parameters

no parameters

RESPONSE structure

```
[
  {
    "countryCode": "AU",
    "legalType": [
      "Australian Proprietary Company",
      "Australian Private Company"
    ]
  },
  (...)
]
```

▪ The response contains a list with all supported jurisdictions

Introducing KYC API v2 special product order endpoints

KYB Assist order

POST <https://api.kompany.com/api/v2/product/order/kybAssist>

BODY parameters

priority	possible values are standard and express
countryCode	2 or 5 digit code for the country, example: AT or US-DE
kompanyId	unique id of the company entity in question
registrationNumber	optional, registration number for the company entity in question
companyName	optional, name of the company entity in question
productType	optional, for the proper productType (SKU) of the requested document
generalData	optional, if the subject of the request is to provide general information for the entity in question; default value: false
financialData	optional, if the subject of the request is to provide financial information for the entity in question; default value: false
historicalData	optional, if the subject of the request is to provide historical information for the entity in question; default value: false
locationInvestigation	optional, if the subject of the request is to provide location related information for the entity in question; default value: false
costConfirmation	optional, when the related feature is enabled on the application costConfirmation can be requested; default value: false
informationRequirements	optional, additional free text information for clarification of the request
contactEmail	required, contact information for user; where any communication can be held
contactPhone	optional, additional contact information for user

RESPONSE structure

```
{
  "orderId": "{orderId}",
  "kompanyId": "{kompanyId}",
  "orderOptions": {
    "kybAssistOption": {
      "priority": "standard",
      "countryCode": "UK",
      "kompanyId": "{kompanyId}",
      "registrationNumber": null,
      "companyName": "{name-of-the-company}",
      "productType": "{productType}",
      "generalData": false,
      "financialData": false,
      "historicalData": false,
      "locationInvestigation": false,
      "costConfirmation": false,
      "informationRequirements": "{additional free text information}",
      "contactEmail": "{clients-contact-email}",
      "contactPhone": "{clients-contact-phone}"
    }
  },
  "status": "PROCESSING",
  "requestTime": "2023-07-10T10:34:15+00:00",
  "responseTime": "2023-07-10T10:34:16+00:00",
  "mimeTypes": [
    "application/json",
    "application/pdf"
  ]
}
```

Land Register order

POST <https://api.kompany.com/api/v2/product/order/landregister>

PATH parameters

countryCode	2 or 5 digit code for the country, example: AT or US-DE , please note that this endpoint only works for AT Austria at the moment
productType	the type of the requested product, possible values are ADDLDBZAT for the pdf extract and ADDLSBZAT for the structured json information
propertyId	The identification number of the property
districtId	The identification number of the district in which the property is located

RESPONSE (structure)

```
{
  "orderId": "{orderId}",
  "kompanyId": "{kompanyId}",
  "orderOptions": {
    "landregisterOption": {
      "countryCode": "AT",
      "productType": "{productType}",
      "propertyId": "{property-id-for-the-real-estate}",
      "districtId": "{district-id-for-the-real-estate}"
    }
  },
  "status": "PROCESSING",
  "info": "PDF",
  "estimatedDeliverySeconds": 0,
  "requestTime": "2023-07-10T10:34:15+00:00",
  "responseTime": "2023-07-10T10:34:16+00:00",
  "mimeTypes": [
    "application/pdf"
  ]
}
```

Product order list, retrieval, content retrieval

GET <https://api.kompany.com/api/v2/product/order>
GET <https://api.kompany.com/api/v2/product/order/{orderId}>
GET <https://api.kompany.com/api/v2/product/order/{orderId}/content>

REQUEST AND RESPONSE

the above functions for KYBAssist and landregister are available through the order endpoint, which is described in details on the product order sheet.

Introducing KYC API v2
perpetual KYC endpoints

Monitor registration

POST https://api.kompany.com/api/v2/monitor

BODY parameters

companyId unique id of the company entity in question

monitorChangeType the type(s) of the change that the monitor service shall notify about; type: array

datasetName name of the dataset that need to be monitored; possible values: **refresh**, **enhanced**

RESPONSE structure

```
{
  "monitorId": "{monitorId}",
  "companyId": "{companyId}",
  "monitorStatus": "PENDING",
  "created": "2022-12-16 13:16:42",
  "deleted": null,
  "callbackCount": 0,
  "monitorChangeTypes": [
    "all"
  ]
}
```

- possible values for monitorStatus are
 - PENDING – received the request from monitor, but not registered yet
 - CREATED – typically after a few seconds: registered & refreshed
 - FIRE – there was a change and notification is sent out
 - DELETED – monitor has been disabled
- the datapoint **deleted** (time) will only appear if monitorStatus is DELETED

Monitor list

GET https://api.kompany.com/api/v2/monitor

QUERY parameters

companyId optional filter to get monitors for a specific company

status optional filter to get monitors with a particular status

limit optional parameter to set the size of resultSet

offset optional parameter to set the level of shift in the resultSet

requestTimeFrom optional filter for list items regarding the start time of the original request

requestTimeTo optional filter for list items regarding the end time of the original request

RESPONSE structure

```
[
  {
    "monitorId": "{monitorId}",
    "companyId": "{companyId}",
    "monitorStatus": "CREATED",
    "created": "2022-12-16 08:58:46",
    "callbackCount": 0,
    "monitorChangeTypes": [
      "all"
    ]
  }
]
```

- the response of the GET endpoint stand of an array of the monitor objects
- monitor services with status DELETED will only appear when filtering to that status

Monitor retrieval

GET https://api.kompany.com/api/v2/monitor/{monitorId}

PATH parameters

monitorId the unique id of the previously registered monitor entity

RESPONSE structure

```
{
  "monitorId": "{monitorId}",
  "companyId": "{companyId}",
  "monitorStatus": "CREATED",
  "created": "2022-12-14 12:43:27",
  "changeCount": 1,
  "datasetName": "refresh",
  "monitorChangeTypes": [
    "all"
  ],
  "changes": [
    {
      "changeId": "{changeId}",
      "monitorChangeTypes": [
        "shareholder",
        "address",
        "documents"
      ],
      "changeTime": "2023-01-11 21:20:14"
    }
  ]
}
```

- the response to this method contains the changeId, which details the exact time and content of a change

Monitor change retrieval

GET https://api.kompany.com/api/v2/monitor/{monitorId}/{changeId}

PATH parameters

monitorId the unique id of the previously registered monitor entity

changeId the unique id of a change

RESPONSE structure

```
{
  "monitorId": "{monitorId}",
  "changeId": "{changeId}",
  "monitorChangeTypes": [
    "address",
    "shareholder",
    "documents"
  ],
  "changeTime": "2023-01-11T21:20:14+00:00"
}
```

- this request (with path parameters) is also present in the notification sent to the web hook

Monitor deletion

DELETE https://api.kompany.com/api/v2/monitor/{monitorId}

PATH parameters

monitorId the unique id of the previously registered monitor entity

RESPONSE structure

the response structure for the DELETE method is identical to the POST method

Monitor settings

PUT https://api.kompany.com/api/v2/application/monitorSettings

BODY parameters

countryCode optional parameter; 2 or 5 digit code for the country, example: AT or US-DE

datasetName name of the dataset in question; values can be: **refresh**, **enhanced**

frequency the number of days that the monitor should re-evaluate the company

RESPONSE structure

```
{
  "countryCode": "AT",
  "datasetName": "{refresh|enhanced}",
  "frequency": 7
}
```

Monitor setting list

GET https://api.kompany.com/api/v2/application/monitorSettings

parameters

no parameters

RESPONSE structure

```
[
  {structure is identical to the POST method}
]
```

Callback settings

PUT https://api.kompany.com/api/v2/application/callback/monitor

BODY parameters

callbackType the type of callback; can be **webhook-post** or **webhook-get**

callbackUrl the URL of the web hook

RESPONSE structure

```
{
  "monitor": {
    "callbackType": "webhook-post",
    "callbackUrl": "https://webhook.example"
  }
}
```

Callback setting retrieval

GET https://api.kompany.com/api/v2/application/callback/monitor

parameters

no parameters

RESPONSE structure

```
[
  {structure is identical to the POST method}
]
```

Callback setting deletion

DELETE https://api.kompany.com/api/v2/application/callback/monitor

PATH parameters

no parameters

RESPONSE structure

```
{
  "monitor": {
    "callbackType": null,
    "callbackUrl": null
  }
}
```

Notification

NOTIFICATION structure

```
{
  "notificationId": "{notificationId}",
  "affectedService": "monitor",
  "referenceUrl": "https://api.kompany.com/api/v2/monitor/{notificationId}/{changeId}"
}
```

- the response contains the GET 'Retrieve a certain change' endpoint request with the path parameters so the change can be visualised

Introducing KYC API v2 verification lei validation endpoints

LEI validation

POST <https://api.kompany.com/api/v2/verification/leiValidation>

BODY parameters

searchMethod the type of identification number; possible value is [LEI](#)
searchValue search term refers to the LEI number
isinPageNumber optional parameter to set pagination for ISIN list, number of the page; default 1
isinPageSize optional parameter to set pagination for ISIN list, number of items in the result set; default 10

RESPONSE structure

```
{
  "validationId": "5F771F4D73FAA01A29703B0E52BD0255",
  "searchMethod": "LEI",
  "searchValue": "529900ENKWV3BZ5GYL12",
  "validationOptions": {
    "isinPageNumber": 1,
    "isinPageSize": 10
  },
  "status": "PROCESSING",
  "estimatedDeliverySeconds": 0,
  "requestTime": "2023-08-25T12:35:17+00:00",
  "searchResults": null
}
```

LEI validation list

GET <https://api.kompany.com/api/v2/verification/leiValidation>

PATH parameters

status optional filter to get requests with a particular status; possible values: [PROCESSING](#), [COMPLETED](#)

QUERY parameters

offset dataset list query offset; default 0
limit dataset list query limit; default 10

RESPONSE structure

```
{
  "limit": 10,
  "offset": 0,
  "leiValidations": [
    {
      "validationId": "5F771F4D73FAA01A29703B0E52BD0255",
      "searchMethod": "LEI",
      "searchValue": "529900ENKWV3BZ5GYL12",
      "validationOptions": {
        "isinPageNumber": 1,
        "isinPageSize": 10
      },
      "status": "COMPLETED",
      "estimatedDeliverySeconds": 0,
      "requestTime": "2023-08-25T12:35:17+00:00",
      "responseTime": "2023-08-25T12:35:18+00:00"
    }
  ]
}
```

- validationId: unique id of the LEI validation request
- status: [PROCESSING](#), [COMPLETED](#)

LEI validation retrieval

GET <https://api.kompany.com/api/v2/verification/leiValidation/{validationId}>

PATH parameters

validationId the unique id of a certain validation request

RESPONSE structure

```
{
  "validationId": "5F771F4D73FAA01A29703B0E52BD0255",
  "searchMethod": "LEI",
  "searchValue": "529900ENKWV3BZ5GYL12",
  "validationOptions": {
    "isinPageNumber": 1,
    "isinPageSize": 10
  },
  "status": "COMPLETED",
  "estimatedDeliverySeconds": 0,
  "requestTime": "2023-08-25T12:35:17+00:00",
  "responseTime": "2023-08-25T12:35:18+00:00",
  "searchResults": [
    {
      "kompanyId": "77A5AD48BBB33E5E3A397FFC920C3885",
      "entityValidation": {...},
      "source": {...}
    }
  ]
}
```

Introducing KYC API v2 verification vat validation endpoint

VAT validation

POST <https://api.kompany.com/api/v2/verification/vat>

BODY parameters

vatNumber	VAT number required to search for an entity
name	refers to the company name
countryCode	2 or 5 digit code for the country, example: AT or US-DE
addConfirmation	parameter to request for an additional PDF-based VAT check document

RESPONSE structure

```
{
  "countryCode": "AT",
  "vatNumber": null,
  "name": "Moody's Analytics Austria",
  "addConfirmation": false,
  "requestTime": "2023-10-18T13:27:12+00:00",
  "responseTime": "2023-10-18T13:27:12+00:00",
  "searchResults": [
    {
      "companyId": "EABA0028A27608C8658EB106BC0812A4",
      "registrationNumber": "AT/493885b",
      "content": {
        "name": "Moody's Analytics Austria GmbH",
        "vatNumber": "ATU65418158",
        "address": [
          "Floragasse 7",
          "AT-1040 Wien"
        ]
      }
    }
  ],
  "source": {
    "name": "Vienna Chamber of Commerce (Wirtschaftskammer Wien)",
    "info": null,
    "primary": true,
    "fields": [
      "*"
    ],
    "lastCheckedTime": "2023-10-18T13:27:12+00:00"
  }
}
```

- response for the basic method includes only the isValid field

Introducing KYC API v2 verification ein validation endpoint

EIN validation

POST <https://api.kompany.com/api/v2/verification/ein>

BODY parameters

searchMethod	the type of identification number, possible values are <code>name</code> or <code>einNumber</code>
searchValue	search term refers to the EIN number
countryCode	2 or 5 digit code for the country, example: <code>AT</code> or <code>US-DE</code>
zip	optional parameter; refers to zip code to improve results, zip is preferred over <code>countryCode</code>
strictSearch	optional parameter; used for tight matching, only the best match will be returned rather than the top 5

RESPONSE structure

```
{
  "searchMethod": "einNumber",
  "searchValue": "113385182",
  "einSearchOptions": {
    "countryCode": null,
    "zip": null,
    "strictSearch": false
  },
  "isValid": true,
  "requestTime": "2023-10-19T11:51:05+00:00",
  "responseTime": "2023-10-19T11:51:08+00:00",
  "searchResults": [
    {
      "name": "MOODYS ANALYTICS INC",
      "ein": "113385182",
      "irsScore": "B",
      "irsScoreExplanation": "EIN Exists on the IRS database, but the name is different",
      "dbaScore": "NO",
      "dbaScoreExplanation": "Company name is a legal name for the business and not DBA",
      "companyScore": 100,
      "companyScoreExplanation": "This record appears 100% of times under the associated EIN",
      "providedStatus": "A",
      "providedStatusExplanation": "Address has been verified and is NCOA Plus 4",
      "confidenceScore": "C",
      "confidenceScoreExplanation": "This record appears 100% of times under the associated EIN",
      "address": [
        "7 WORLD TRADE CTR ",
        "10007",
        "NEW YORK",
        "NY",
        "US"
      ],
      "formattedAddress": {
        "street": "7 WORLD TRADE CTR",
        "zip": "10007",
        "state": "NY",
        "city": "NEW YORK",
        "country": "US"
      }
    }
  ],
  "source": {
    "name": "EIN Finder",
    "info": null,
    "primary": true,
    "fields": [
      "*"
    ],
    "lastCheckedTime": "2023-10-19T11:51:05+00:00"
  }
}
```

- **irsScore**: based on data gathered through the US Internal Revenue Service; it can span from A (100% match) to C (EIN is not in the IRS database)
- **dbaScore**: provides the information if a company name is not the legal name for the business (DBA = Doing Business As)
- **confidenceScore**: indicates the best match, if multiple records are returned and spans from A (best match) to F (lowest scores)
- **companyScore**: indicates the percentage of times the respective company name is associated with the provided EIN
- **providedStatus**: based on a check against the USPS National Change of Address (NCOA) database, indicates if the provided address has been verified and can be used for mailing. It can span from A (verified and NCOA Plus 4) to F (bad address and should not be mailed to)

Introducing KYC API v2 verification tin validation endpoint

TIN validation

POST <https://api.kompany.com/api/v2/verification/tin>

BODY parameters

searchMethod the type of verification desired; possible values are `tinNumberBasic` and `tinNumberComprehensive`
searchValue search term refers to the TIN number
name optional parameter; refers to the company name and is used for matching

RESPONSE structure

```
{
  "searchMethod": "tinNumberBasic",
  "searchValue": "133998945",
  "tinSearchOptions": {
    "name": "moody's"
  },
  "requestTime": "2023-10-23T10:03:23+00:00",
  "responseTime": "2023-10-23T10:03:26+00:00",
  "searchResult": {
    "tinResult": {
      "validationStatus": "IRS Match found. TIN and Name combination matches IRS EIN records",
      "matchStatus": "EIN Possible Match found.",
      "possibleMatch": "MOODYS CORPORATION"
    }
  },
  "source": [
    {
      "name": "TIN Check",
      "info": null,
      "primary": true,
      "fields": [
        "*"
      ],
      "lastCheckedTime": "2023-10-23T10:03:26+00:00"
    }
  ]
}
```

- response for the `tinNumberBasic` method includes only the `tinResult` element, while `tinNumberComprehensive` includes also the `einResult` element

Introducing KYC API v2

verification iban validation endpoint

IBAN validation

POST <https://api.kompany.com/api/v2/verification/iban>

BODY parameters

searchMethod the type of verification desired; possible values are **basic** and **comprehensive**
searchValue search term refers to the IBAN number

RESPONSE structure

```
{
  "requestTime": "2023-10-20T11:07:05+00:00",
  "responseTime": "2023-10-20T11:07:05+00:00",
  "searchMethod": "comprehensive",
  "searchValue": "N09386011117947",
  "isValid": true,
  "searchResult": {
    "bankCode": "DABAN022",
    "bankName": "Danske Bank",
    "bankId": "8601",
    "bankAddress": [
      "Frænavn. 16",
      "9999 Molde"
    ],
    "sepaCredit": true,
    "sepaDebit": true,
    "sepaB2b": true,
    "sepaCards": false
  },
  "source": {
    "name": "IBAN Rechner",
    "info": null,
    "primary": true,
    "fields": [
      "*"
    ],
    "lastCheckedTime": "2023-10-20T11:07:05+00:00"
  }
}
```

- response for the basic method includes only the `isValid` field

Introducing KYC API v2

verification isin validation endpoint

ISIN validation

POST <https://api.kompany.com/api/v2/verification/isin>

BODY parameters

isin is the search value code consisting of a total of 12 characters

RESPONSE structure

```
{
  "requestTime": "2023-10-20T13:15:45+00:00",
  "responseTime": "2023-10-20T13:15:45+00:00",
  "isin": "US6153691059",
  "isValid": true,
  "searchResult": {
    "listings": [
      {
        "isin": "US6153691059",
        "identifier": "BBG000CZTH81",
        "name": "MOODY'S CORP",
        "symbol": "DUT",
        "exchangeCode": "GR",
        "securityType": "Common Stock",
        "additionalSecurityType": "Common Stock",
        "securityDescription": "DUT",
        "marketSector": "Equity",
        "shareClassId": "BBG001S5VP87"
      },
      {
        "isin": "US6153691059",
        "identifier": "BBG000CZTHF3",
        "name": "MOODY'S CORP",
        "symbol": "DUT",
        "exchangeCode": "GF",
        "securityType": "Common Stock",
        "additionalSecurityType": "Common Stock",
        "securityDescription": "DUT",
        "marketSector": "Equity",
        "shareClassId": "BBG001S5VP87"
      }
    ]
  },
  "source": {
    "name": "OpenFIGI",
    "info": null,
    "primary": true,
    "fields": [
      "*"
    ],
    "lastCheckedTime": "2023-10-20T13:15:45+00:00"
  }
}
```

Introducing KYC API v2 application endpoints

Callback settings

PUT `https://api.kompany.com/api/v2/application/callback/{affectedService}`

PATH parameters

affectedService the service that is subject of callback setting; possible values: `liveSearch`, `dataset`, `enhanced`, `productOrder`, `uboOrder`, `monitor`, `pep`, `kompanyMessages`

BODY parameters

callbackType the method how client wants to be notified; possible values: `stream`, `webhook-post`, `webhook-get`

callbackUrl the url where callback notification will be sent

RESPONSE structure

```
{
  "callbackType": "webhook-post",
  "callbackUrl": "https://webhook.url"
}
```

- the response notifies user that the settings have been created or updated for the certain service.
- i.e.: if the values on the left have been set for affectedService `productOrder`, then once a product order turns to `COMPLETED`, a notification will be sent out based on these application/callback settings.
- That means that once the values have been set, the user does not need to care with callback settings in the course of the different (i.e. productOrder) calls.

Callback setting list

GET `https://api.kompany.com/api/v2/application/callback`

parameters

none

RESPONSE structure

```
[
  {response structure is identical to the PUT method's response}
]
```

Callback setting retrieval

GET `https://api.kompany.com/api/v2/application/callback/{affectedService}`

PATH parameters

affectedService the service that is subject of callback setting; possible values: `liveSearch`, `dataset`, `enhanced`, `productOrder`, `uboOrder`, `monitor`, `pep`, `kompanyMessages`

RESPONSE structure

```
{
  "callbackType": "webhook-post",
  "callbackUrl": "https://webhook.url"
}
```

Callback setting deletion

DELETE `https://api.kompany.com/api/v2/application/callback/{affectedService}`

PATH parameters

affectedService the service that is subject of callback setting; possible values: `liveSearch`, `dataset`, `enhanced`, `productOrder`, `uboOrder`, `monitor`, `pep`, `kompanyMessages`

RESPONSE structure

```
{
  "callbackType": null,
  "callbackUrl": null
}
```

Introducing KYC API v2 parameters: offset and limit

