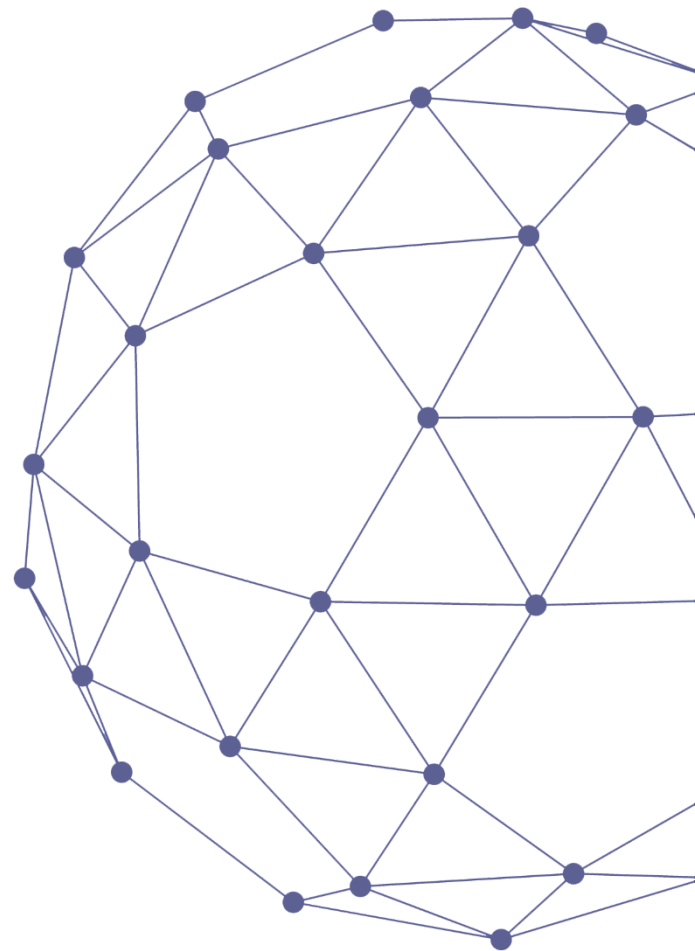


Introducing KYC API v2 - New Endpoints

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September 2023

Introducing KYC API v2 endpoints

● endpoint available

system

● countries	GET			
● catalog	GET			
● health	GET			
kompanyMessages	GET	GET-with-id		
● monitorChangeTypes	GET			
● uboLegalTypes	GET			

company

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

product

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

monitor

● monitor	POST	GET	GET-with-id	GET-with-ids	DELETE
-----------	------	-----	-------------	--------------	--------

verification

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

application

● callback	POST	GET	GET-with-id		DELETE
proof		GET			
● monitorSettings	POST	GET			

Introducing KYC API v2 system endpoints

Retrieve the list of enabled countries

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

BODY parameters
no parameters needed

RESPONSE structure

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

Retrieve jurisdictions 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

Retrieve the catalog of products

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
  },
  ...
]
```

Retrieve available changeTypes for a monitor service

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"
]
```

Retrieve list of supported legal types for UBO discovery

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

Conduct an index-search or a 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": [
    {
      "kompanyId": "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

Introducing KYC API v2 dataset endpoints

Request a dataset

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

BODY parameters

kompanyId 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",
  "kompanyId": "1234567890ABCDEF1234567890ABCDEF",
  "datasetName": "full",
  "datasetOptions": {},
  "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": [...],
    "lastCheckedTime": "YYYY-MM-DDThh:mm:ssZ"
  }
}
```

- datasetId: unique id of the dataset
- kompanyId: 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

Retrieve the list of datasets

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**

RESPONSE structure

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

Retrieve a certain dataset

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
- payout of all the available data as in the `companyObject` structure

Request a enhanced dataset

```
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 OG, EN, FR
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

countryCode	generalData	stakeholders	shareholders	beneficialOwners
AU - Australia	X	X	X	X
CN - China	X		X	
CZ - Czech				X
DE - Germany		X		
DK - Denmark				X
EE - Estonia	X	X	X	
ES - Spain	X	X		
FI - Finland	X	X		
FR - France		X	X	X
GG - Guernsey	X			
GI - Gibraltar	X			
HK - Hong Kong	X	X		
JE - Jersey	X			
LT - Lithuania	X	X		
LU - Luxembourg	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		
UK - United Kingdom				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
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	dateOfIncorporation, lastAnnouncementDate
SI - Slovenia	address activity providedStatus, taxNumber

Introducing KYC API v2

company announcement endpoints

Retrieve announcements for a company

GET `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

Retrieve a certain announcement

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

Search for available products of a certain kompany

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)

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

Request a product

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

Retrieve the list of product orders

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)

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"
}
```

Retrieve a certain order item

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

Retrieve the content for a certain order item

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

Update (status of) a certain order item

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

Introducing KYC API v2

UBO discovery endpoints

Place a ubo discovery product order

POST `api/v2/product/order/ubo`

BODY parameters

<code>kompanyId</code>	unique id of company element in subject
<code>credits</code>	optional; a valid amount in Euro (minimum is 1; integer)
<code>strategy</code>	optional; FULL ; all nodes in the tree are in scope. LEVELS ; only nodes fulfilling the thresholds specified.
<code>levels</code>	optional; threshold for different levels of crawling
<code>threshold</code>	optional; threshold for percentage of ownerships; default when unspecified – all discovered UBOs will be included
<code>includeDocs</code>	optional; boolean; include the purchase of individual register documents. Default when unspecified; false
<code>monitor</code>	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": "ADDOFVRAT",
  "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"
    ]
  }
}
```

Retrieve metadata for a certain order

GET `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

Update paused UBO order

PUT `api/v2/product/order/ubo`

PATH parameters

`orderId` id of the order to retrieve

RESPONSE structure

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

Retrieve order file

GET `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}"
    }
  ]
}
```

Retrieve the list of product orders

GET `api/v2/product/order`

QUERY parameters

<code>status</code>	optional filter to get monitors with a particular status
<code>limit</code>	optional parameter to set the size of resultSet
<code>offset</code>	optional parameter to set the level of shift in the resultSet
<code>productType</code>	optional filter to list up only specific type of products (SKUs)

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"
}
```

Retrieve list of supported legal types for UBO discovery

GET `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

Place a KYB Assist order

POST `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"
  ]
}
```

Place a landregister order

POST `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"
  ]
}
```

Retrieve the list of product orders, retrieve a certain order item, retrieve the [content](#) for a certain order item

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.

Kompany

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05.07.2023

Introducing KYC API v2

perpetual KYC endpoints

Register a monitor

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
 - FIREED – 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

Retrieve list of monitors

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

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

Retrieve a certain monitor (including a list of changes)

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

Retrieve a certain change

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

Unregister a certain monitor

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

Update monitor settings

POST </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
}
```

Retrieve monitor settings

GET </api/v2/application/monitorSettings>

parameters

no parameters

RESPONSE structure

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

Set a callBack URL for monitoring

PUT </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"
  }
}
```

Retrieve the callBack URL for monitoring

GET </api/v2/application/callback/monitor>

parameters

no parameters

RESPONSE structure

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

Delete the monitor callBack URL

DELETE </api/v2/application/callback/monitor>

PATH parameters

no parameters

RESPONSE structure

```
{
  "monitor": {
    "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 leiValidation endpoints

Perform a search on GLEIF

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
}
```

Retrieve the list of dataset requests

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](#)

Retrieve a certain leiValidation

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 application endpoints

Create a callback setting

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.

Retrieve the list of callback settings

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

parameters

none

RESPONSE structure

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

Retrieve the list of callback settings for a certain affectedService

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"
}
```

Delete a callback setting

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

