

**The National information system for
monitoring marking and tracking of products
«ASL BELGISI»**

OPEN API v.1.21.1

Special Software Programmer's Guide

Tashkent, 2026

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DEFINITIONS AND ABBREVIATIONS

The following abbreviations and definitions are used in this document:

Abbreviations	Description
NIS "ASL BELGISI"	National Information System for Monitoring and Traceability of Goods "ASL BELGISI"
SCP	Supply Chain Participant(SCP) An entity (manufacturer, importer, distributor, wholesaler, or retailer) involved in the circulation of goods within the supply chain.
Issuer	a supply chain participant/organization responsible for product labeling (manufacturer, importer)
PA	Personal Account of the SCP in NIS "ASL BELGISI"
ICOM(OMS)	Interface for Ordering Marking Codes
PG	Product Group
MC	Marking Code (whole code)
IC	Identification Code (the part of the Marking Code (MC) that includes product data and its unique serial number)
GTIN	Global trade item number in the international GS1 database
AIC	Aggregated Import Code — the highest-level aggregation code used for releasing marked goods into free circulation
BP	Business Place – the location where the Supply Chain Participant (SCP) conducts its activities)
SP	Service Provider
TIN	Taxpayer Identification Number, used for identifying legal entities
PINFL	Personal Identification Number of an Individual, used for identifying natural persons, including sole proprietors engaged in entrepreneurial activities

1 GENERAL DESCRIPTION

1.1 Purpose

The set of OPEN API methods is designed to provide interaction between Supply Chain Participant(SCP) and the Marking Information System(NIS "ASL BELGISI") in order to obtain information and/or register specific operations with marked goods

1.2 Change Log

Version	Date	Changes
v 1.21.1	2026-02-25	<ul style="list-style-type: none"> ▪ A new method has been added: /public/api/v1/code-verification/verify ▪ The limitations table, user rights settings and reference have been updated
v 1.18.2	2026-01-15	<ul style="list-style-type: none"> ▪ The limitations table have been updated
v 1.17.0	2026-01-06	<ul style="list-style-type: none"> ▪ A new method has been added: - /public/api/cod/nested-codes/owner-check ▪ The limitations table and user rights settings have been updated
v 1.12.0	2025-11-20	<ul style="list-style-type: none"> ▪ A new method has been added: - /public/api/v1/party/parties/tin/api-keys/refresh ▪ The limitations table and user rights settings have been updated ▪ An authorization scheme description for the technical user has been added
v 1.10.3	2025-10-22	<ul style="list-style-type: none"> ▪ New methods have been added: - public/api/v1/party/parties/tin/api-keys/check - public/api/v1/doc/transfer/request/search - public/api/v1/doc/transfer/request - public/api/v1/doc/transfer/confirmation
v 1.9.2	2025-10-08	<ul style="list-style-type: none"> ▪ New methods have been added: - public/api/v1/product-registry/product - public/api/v1/product-registry/product/id - public/api/v1/product-registry/file/id - public/api/v1/doc/storage/docs/documentId/codes ▪ The response logic of the method has been modified - public/api/cod/private/codes ▪ Updated the restrictions table and user permission settings ▪ Adjusted the position of the isPaid parameter ▪ Refreshed the extendedStatus reference guide ▪ Added authorization type to request examples.
v 1.7.4	2025-09-17	<ul style="list-style-type: none"> ▪ Clarified method descriptions ▪ Expanded the list of data returned by the method for retrieving public information about the code



		<ul style="list-style-type: none"> Added example responses for the methods of retrieving public and detailed information about the MC
v 1.7.2	2025-08-25	<ul style="list-style-type: none"> Extended the capability of API key authorization for Business Users; now authorization is available for ICOM (Marking Code Ordering Interface) Rest API methods as well. ICOM Rest API methods have been added to the documentation. Supplemented reference data, limitations, list of user rights, and descriptions of profile settings. Reorganized the structure of method descriptions in the documentation. Added a new method allowing verification of a contractor's status in the system.
v.1.5.3	2025-07-11	<ul style="list-style-type: none"> Refined URLs of certain methods. Added a description of headers required to be included in requests Added the method description: "Find product descriptions by GTIN". Provided an algorithm for calculating the quantity of marked goods in an additional unit of measurement (values can be provided as both a coefficient and parameters during AIC registration) Changed mandatory parameters: productId, additionalUnit, and additionalUnitQuantity (required when registering AIC)

1.3 Environment Parameters

Production environment address:

- https://xtrace.aslbelgisi.uz

Test environment address:

- https://xtrace.stage.aslbelgisi.uz

1.4 Settings and Limitations

The following settings and limitations are established for the methods:

Parametr	Limitations
General	
Business User API Key validity	Defined by the user in the PA, but not more than 90 days

Technical User password validity	90 days
Technical User accessToken validity	30 minutes
Technical User refreshToken validity	24 hours
Number of requests to Orders and Reports methods (maximum)	100 requests per minute
Number of requests to other methods (maximum)	Unlimited
Check whether the API key belongs to a SCP	100 requests per 24 hours
Update User API Key	100 requests per 24 hours
Orders	
Maximum number of codes per product (sub-order)	150 000
Maximum number of sub-orders in one order	10
Automatic Order Closure	Immediately — after receiving all codes After 7 days — regardless of whether all codes have been received or not.
Maximum number of active orders	100
Reports	
Report storage period before archiving	365 days
Maximum number of codes in one report	30 000
Maximum packaging per aggregation (first level)	GROUP = 200 BOX_LV_1 = 1 000 BOX_LV_2 = 500
Request for MC transfer	
Default number of document records in the response	10
Maximum number of codes in a single document	30 000
RETRIEVING A LIST OF MC	
Maximum file size for MC list	1 MB
Storage period of MC list file	60 minutes
Marking Codes (MC)	
Minimum permissible code length	20
Maximum number of MCs in one request	1000
Number of CMs per owner check request	100
Request limit for owner verification and retrieving the list of attachments	No more than 10 requests per second per user
Request limit for full CM validation	
Aggregated Import Code (AIC)	
Maximum number of codes in one document	30 000

Maximum number of AIC codes in one "Disaggregation AIC" document	1
Documents	
Default number of document records in the response	100
Default number of code records in the response	30,000
Other methods	
Check counterparty status	10,000 requests per hour

1.5 Request Response Codes (HTTP status)

HTTP response codes:

HTTP code	Description
200 OK	Request successfully processed
400 Bad Request	Invalid request
401 Unauthorized	Authorization required
403 Forbidden	Access denied (insufficient rights to perform the request)
404 Not found	Requested object not found
429 Too many requests	Request limit exceeded
500 Server Errors	Internal server error

1.6 Errors in Request Processing

When an error occurs, the response contains an error code and its brief description.

Response parameters:

Parameter	Description	Type	Required.
globalErrors	Array of errors	Array of Object	No
globalError	Error object	Object	No
errorCode	Error code	String	No
error	Textual description of the error	String	No
Code	Symbolic error code	String	No
requestBodyJsonPath	Name/path of the JSONPath parameter with an error from the request body	String	No
requestQueryJsonPath	Name/path of the JSONPath parameter with an error from the request query	String	No

requestPathJsonPath	Name/path of the JSONPath parameter with an error from the request path	String	No
errorId	Error identifier. Used for quick search of the error in server logs	String	Yes
service	Symbolic service code where the error occurred	String	Yes
context	Additional error context	Object	No
*description	User-defined error description	String	No
*exception	Technical details of the error	String	No
*specificError	Specific detailed error message	String	No
*parameter	Parameter name that caused the error	String	No
*value	Value that caused the error	String	No

Example of an unsuccessful response:

```
[
  {
    "code": "access-denied",
    "errorId": "a9cd5cb9-faf5-4c6a-8c64-bb4ece680d76",
    "service": "cod-reader",
    "context": {
      "description": "Provided token isn't active",
      "exception": "InvalidBearerTokenException: invalid_token",
      "specificError": "Provided token isn't active",
      "Authorization": "Bearer b6ffb72c-1f5a-4862-8ddb-45csa506bbb2"
    }
  }
]
```

Error Reference:

Value	Description
1	The service is temporarily unavailable. Please try again after a few seconds
201	Insufficient rights to perform the operation
...	...

* The reference guide is in the process of being expanded

2 AUTHENTICATION AND KEY UPDATE

The system provides two types of users — business user and technical user. Both types are created in the Personal Account, but they use different authentication mechanisms and have different capabilities when working with the API.

Brief comparison:

Criterion	Business User	Technical User
Access to Web Interface	Only Personal Account via Digital Signature	No access
API Authentication	apiKey	Login + Password → access/refresh token
Credential Validity Period	apiKey — up to 90 days	Password — 90 days; accessToken — 30 minutes; refreshToken — 24 hours
API Key Update via API	Yes	Yes
Supported API Methods	All API methods	Only OMS (ICOM) operations
Number of Users	Unlimited	Unlimited

2.1 Business User

The list of available methods is described in the section [User Rights Settings](#).

Conditions for using OPEN API methods:

- Requests requiring authentication must include the API key in the request header.
- The API key is generated in PA and linked to a specific business user.
- The set of methods and information available by API key is determined by user rights (roles), the product group, and the business place to which the API key is assigned.
- Each business user may have no more than one active API key at a time.

API key management is performed in the Personal Account (PA) and is available only to the business user with the role «API Key Manager» ([see also "User Role Model" for more details](#)).

2.1.1 Role «API Key Manager»

To generate API keys, it is necessary to define a user responsible for performing this action and assign them the role API Key Manager.

A user with the role API Key Manager may create, update, or delete API keys of all users registered under the same Supply Chain Participant(SCP).

2.1.2 Adding the Role «API Key Manager»

Assigning or revoking specific rights (roles) for users is performed by a user with the "Administrator" role.

To assign the role API Key Manager, the administrator must:

- Authorize in PA and open the section Profile → Organization, tab Users.
- Select the corresponding user and open the Roles settings.
- Assign the role API Key Manager.
- Click Save.

2.1.3 Creating an API Key

- Log in to PA, go to Profile → Organization → [Users](#).
- Open the card of the required business user and go to the API Keys tab.
- Select the option [Create API Key](#).
- Set the key name (arbitrary) and its validity period.

- Save the generated API key and keep it in a safe place.
Important:
 - After closing the dialog window, it will no longer be possible to view the API key value (the key ID ≠ the actual API key value).
 - If an API key is lost, it must be deleted and a new API key should be created following the instructions above.

2.1.4 Verify API Key Ownership by Supply Chain Participant

This method verifies that the API key used in the request belongs to the specified Supply Chain Participant (SCP). If the verification is successful, the method also returns the expiration date of the API key.

2.1.4.1 Request

General description of the request:

URL	https://{server}/public/api/v1/party/parties/tin/api-keys/check
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (path):

Parameter	Description	Type	Required
tin	Taxpayer Identification Number (TIN) or Personal Identification Number (PINFL) of the Supply Chain Participant.	String	Yes

Example of a request:

```
GET https://{server}/public/api/v1/party/parties/307797292/api-keys/check
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

2.1.4.2 Response to request

Response parameters:

Parameter	Description	Type	Required
isTinCorrect	Indicates whether the user (API key owner) belongs to the Supply Chain Participant (SCP) specified by tin in the request. true — The API key belongs to the SCP with the specified INN or PINFL false — The API key does not belong to the SCP with the specified INN or PINFL	Boolean	Yes
expiresOn	Expiration date and time of the API key provided in the request header. Returned only if the key belongs to the SCP identified by the tin parameter.	String (date-time)	No

Example of a response to a request:

```
{
  "isTinCorrect": true,
  "expiresOn": "2025-11-15T23:59:59Z"
}
```

2.1.5 Update User API Key

This method allows updating (replacing) the API key of a business user. The request initiator can update either their own key or another key of their organization by providing in the request either the required key ID or the API key itself. Only one of these parameters may be passed.

To use this method, the corresponding role is required ([see the User Rights Configuration reference](#)).

2.1.5.1 Request

General description of the request:

URL	https://{server}/public/api/v1/party/parties/tin/api-keys/refresh
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required
tin	TIN — Taxpayer Identification Number or PINFL — Personal Identification Number of an Individual)	String	Yes

Request parameters (request body):

Parameter	Description	Type	Required
apiKey	Business User API Key	String	No
id	API Key Identifier	String	No

Example of a request:

```
GET https://{server}/public/api/v1/party/parties/307797292/api-keys/refresh
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

```
{
  "apiKey": "c09d906f-XXXX-4ae5-XXXX-61c0934bcd59"
}
```

2.1.5.2 Response to request

Response parameters:

Parameter	Description	Type	Required
apiKey	Generated new API key	String	Yes

id	Identifier of the generated API key	String	Yes
expiresOn	Expiration date and time of the generated API key	String date-time	Yes
label	Name of the generated API key	String	Yes

Example of a response to a request:

```
{
  "apiKey": "0bb92de8-16b5-450d-842c-0b7a46d98c3c",
  "id": " fd6c7738-aef1-47d9-968a-79062b07b82f ",
  "expiresOn": "2025-11-30T15:51:28.071Z",
  "label": "string"
}
```

2.2 Technical User

To interact with IZKM methods via API, Supply Chain Participant(SCP) must log in to the Personal Account, [create a technical user](#), and [configure the rights required](#) to perform the corresponding operations

Supply Chain Participant(SCP) may create one or several technical users — for example, a separate technical user for different software products and/or production sites, or for performing specific operations (such as code requests, report registration, etc.).

The list of available methods is described in the section [User Rights Settings](#).

2.2.1 Creating a Technical User

To create a technical user, it is necessary to:

- Log in to the Personal Account, go to the Organization Profile section, subsection Users;
- Select the option Add User, choose the user type Technical User, and define their access rights;
- Fill in the required fields, including a valid email address;
- Activate the technical user by following the link sent to the email address specified during creation;
- Set a password for the newly created technical user.

The identifier (login) of the technical user is generated automatically by the system. It can be found in the technical user's profile (Personal Account → Organization Profile → Users → selected technical user).

The password of the technical user is set during activation. After the password expires, a new one must be defined. [Password reset is performed by blocking](#) and re-activating the technical user. Blocking or changing the technical user's password invalidates all active tokens.

2.2.2 Technical User Authentication

Technical user authentication is performed using a login and password. In response to the request, the system returns an authorization token and a refresh token.

All subsequent IZKM requests that require authentication must be executed with the provided authorization token. Obtaining a new authorization token automatically invalidates the previously issued token.

2.2.2.1 Request

General description of the request:

URL	https://{server}/api/users/authenticate
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	-

Request parameters (request body):

Parameter	Description	Type	Required.
login	User Login	String	Yes
password	User password	String	Yes

Example of a request:

```
POST {server}/api/users/authenticate

{
  "login": "6e8login23",
  "password": "12345678"
}
```

2.2.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
accessToken	Authorization token	String	Yes
accessTokenType	Authorization token type (BEARER)	String	Yes
accessTokenExpiresIn	Authorization token lifetime, ms	String	Yes

refreshToken	Re-authorization token Allows you to get a new authorization token without using a username and password.	String	Yes
--------------	--	--------	-----

Example of a response to a request:

```
{
  "accessToken": "007d44bb-7bee-4552-9e00-c52ea94de57e",
  "accessTokenType": "BEARER",
  "accessTokenExpiresIn": 1800000,
  "refreshToken": "1fb99850-2ed8-4730-a068-f4e6f26c63fb"
}
```

2.2.3 Technical User Re-Authentication

It is recommended to update the technical user's authentication by using the refresh token.

2.2.3.1 Request

General description of the request:

URL	https://{server}/api/users/tokens/refresh
Method	POST
Authorization	-

Request parameters (request body):

Parameter	Description	Type	Req.
refreshToken	Is passed in the request using the x-www-form-urlencoded format.	String	YES

Example of a response to a request:

```
POST {server}/api/users/tokens/refresh' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--header 'Accept: application/json' \
--data-urlencode 'refreshToken=9cbc54c0-a0f6-43bb-abf2-9db62ab2f8bc'
```

2.2.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
accessToken	authorization token	String	Yes
accessTokenType	type of authorization token (BEARER)	String	Yes
accessTokenExpiresIn	lifetime of the authorization token, in ms	String	Yes



refreshToken	Refresh Token Allows obtaining a new authorization token without using login and password.	String	Yes
--------------	--	--------	-----

Example of a response to a request:

```
{  
  "accessToken": "007d44bb-7bee-4552-9e00-c52ea94de57e",  
  "accessTokenType": "BEARER",  
  "accessTokenExpiresIn": 1800000,  
  "refreshToken": "1fb99850-2ed8-4730-a068-f4e6f26c63fb"  
}
```

3 PRELIMINARY PROFILE SETTINGS

3.1 Product Group

Registering an order for the emission of Marking Codes (MC) and performing other operations with MC is linked to the SCP and to a specific Product Group (PG).

The SCP may have one or more product groups (for example: alcoholic beverages, soft drinks, pharmaceuticals, etc.). [The list of Product Groups is formed in the PA.](#)

To register orders for MCs, the Issuer must have contracts with the Digital Marking Operator for each Product Group.

The SCP user inherits the Product Group(s) of their SCP (one or several), and may use them when performing operations in the system. ([Configured in the user profile](#)).

3.2 Business Place

Registering an order for the emission of MC and performing other operations with MC is linked not only to the SCP but also to a specific Business Place (BP).

An SCP may have one or several business places (for example, multiple production sites, warehouses, etc.). The list of business places of an SCP is managed in the Personal Account (PA).

The identifier of a business place([businessPlaceId](#)) can be found in the PA under Organization Profile → Business Places by selecting the corresponding business place. [The SCP user inherits](#) the Business Places of their SCP (one or several) and may use them when performing operations

3.3 Product Card

Registering an order for the emission of Marking Codes (MC) is performed for a specific product code (GTIN).

The corresponding product must be registered in the Register of Labeled Products (PA → Product Descriptions) and must pass product data moderation.

A detailed description of the process is available in the Help Center. <https://help.crpt-turon.uz>.

3.4 User Rights Configuration

The availability of OPEN API methods is determined by the [role\(s\)](#) of the business user for whom the API key is generated. Each user may have one or several roles.

Method	Required Roles Business User	Required Roles Technical User
Authentication and Key Update		
Verify API Key Ownership by Supply Chain Participant	Default Role	Not available
Update user's API key	Participant's API key manager	Not available
Technical user authentication	Not available	Technical user (active)
Technical user re-authentication	Not available	Technical user (active)
Order		
Register Order for MC Emission	Marking code issuer	API integrator
Get information on MC emission orders	Observer of orders	API integrator
Get information on sub-orders	Observer of orders	API integrator
Close an order (sub-order) for MC emission	Marking code issuer	API integrator
Upload MC packages from sub-orders	Marking code issuer	API integrator
Retrieve list of MC packages exported from sub-orders	Marking code issuer	API integrator
Reports		
Register a report on MC application ("Utilization Report")	Report Creator with type "MC Application (Utilization)"	Report Creator with type "MC Application (Utilization)"
Register a validation report for codes	Report Creator with type "Code Validation Documents"	Report Creator with type "Code Validation Documents"
Register an aggregation report (grouping of codes into packages)	Report Creator with type "Aggregation Documents"	Report Creator with type "Aggregation Documents"
Register a disaggregation report (splitting codes from packages)	Report Creator with type "Disaggregation Documents"	Report Creator with type "Disaggregation Documents"

Method	Required Roles Business User	Required Roles Technical User
Correct MC information	Role combination: Document Creator + Document Viewer	Not available
Request for MC transfer		
Retrieve list of requests for MC transfer	Document Viewer	Not available
Register MC transfer request	Requires document creator privileges for "MC Transfer Request".	Not available
Register confirmation of MC transfer request	Requires document creator privileges for "MC Transfer Confirmation".	Not available
AIC (Aggregated Import Code)		
Generate an Aggregated Import Code (AIC)	Document Creator with privilege "Aggregated Import Code"	Not available
Register an Aggregated Import Code (AIC)	Document Creator with privilege "Aggregated Import Code"	Not available
Disaggregate an Aggregated Import Code (AIC)	Document Creator with privilege "Aggregated Import Code"	Not available
RETRIEVING A LIST OF MC		
Retrieve list of MC assigned to an SCP	Observer with privilege "Marking Codes"	Not available
MC (Marking Codes)		
Retrieve public information about MC	Default Role	Not available
Retrieve detailed information about MC	Observer with privilege "Marking Codes"	Not available
Verify code ownership and retrieve the list of nested codes within a package (aggregate)	Observer with privilege "Marking Codes"	Not available
Validate an array of full marking codes	Observer with privilege "Marking Codes"	Not available
GTIN		
Find List of Product Descriptions	Observer of Product Descriptions	Not available
Find Product Descriptions by GTIN		Not available



Method	Required Roles Business User	Required Roles Technical User
Retrieve Product Description by Card Identifier (productId)		Not available
Retrieve File Attached to Product Description		Not available
Documents		
Retrieve list of documents	Document Creator with the corresponding document type privilege	Document Creator with the corresponding document type privilege
Retrieve document parameters		
Retrieve status of MC Application Report		
Correct document information		
Retrieve document error list		
Retrieve the Processing Status of Marking Codes from a Document		
Other methods		
Retrieve contractor status	Default Role	Not available

4 METHODS FOR WORKING WITH MC ORDERS

4.1 Register Order for MC Emission

Registration of an order for MC emission is carried out by the SCP, either for execution independently or for delegation to a Service Provider (SP).

The response returns the identifier of the registered order for MC emission.

The number of active MC emission orders (registered but not closed) is limited (see section Settings and Limitations).

To delegate an order to a designated Service Provider (SP), an active power of attorney must be available in the [organization profile](#).

4.1.1 Request

General request description:

URL	https://{server}/api/orders
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
productGroup	Product group (see reference)	String	Yes
releaseMethodType	Purpose of marking (see reference) Note. SCP with the role "Wholesale" and "Retail" can only register orders for the purpose of marking "Marking Remains" or "Commission Trading"	String	Yes
products	Sub-order list Note. The number of items (sub-orders) in one order is limited (see settings and restrictions).	Array of Object	Yes
*gtin	Product code (GTIN)	String	Yes
*quantity	Required number of MCs Note. The number of codes in one order (sub-orders) is limited (see settings and limitations).	Integer	Yes
*cisType	Type of packaging (see reference)	String	Yes



*serialNumberType	Method of generating serial numbers (see the reference)	String	Yes
*serialNumbers	Serial number array Note. Filled only if serialNumberType = SELF_MADE	JSON Array of String	No
isPaid	An indication of the charge for providing the service of issuance and traceability of labeling codes. Note. If the service is expected to be provided strictly without charging, the attribute is filled with the value false. Otherwise, the correspondence between the expected and actual tariff is not checked. The actual tariffication is determined by the Operator in accordance with the legislative acts of the Republic of Uzbekistan.	Boolean	No
poNumber	Production order number	String	No
businessPlaceId	Identifier of the MOD under which the MC issuance order is registered Note. To be filled in if the order fulfillment is performed by SCP independently	Integer	No
contractorInfo	Information about the service provider (SP) Note. To be filled in if the order fulfillment is transferred to the service provider	Object	No
*contractorTin	TIN of the service provider	String	Yes, if contractorInfo is specified
*contractorCountryCode	Service provider country code (see reference)	String	Yes, if contractorInfo is specified

Example of a request:

```
POST https://{server}/api/orders
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "productGroup": "alcohol",
  "businessPlaceId": 27,
  "releaseMethodType": "PRIMARY",
  "isPaid": true,
  "products": [
    {
      "gtin": "04899215122371",
      "quantity": 10,
      "serialNumberType": "OPERATOR",
      "cisType": "UNIT"
    }
  ]
}
```

4.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
orderId	Identifier of the registered MC issue order	String	Yes

Example of a response to a request:

```
{
  "orderId": "0e4c3dbb-d8d7-4de8-629a-fb36f69a905f"
}
```

4.2 Get information on MC emission orders

The SCP may request:

- information on results of processing of a particular order for MC issue (by registered order identifier);
- the list of MC emission orders registered by it and their brief description (by different filtering parameters).

4.2.1 Request

General description of the request:

URL	https://{server}/api/orders
Method	GET
Content-Type	application/json; charset=UTF-8
Authorization	Bearer token

Query parameters (query):



Parameter	Description	Type	Required.
orderId	MC issue order identifier	String	No
status	Status of orders according to the reference (see reference)	String	No
productGroup	Order commodity group	String	No
contractorTin	TIN of the service provider to whom the order is assigned	String	No
poNumber	Production order number	String	No
dateFrom	<p>The date the order was created accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00'</p> <p>Note. Records created from the specified date/time (inclusive), to date/time dateTo (if specified), or to the current system date/time (if dateTo is not specified) are returned</p>	String	No
dateTo	<p>The date the order was created accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00'</p> <p>Note. When the parameter is applied, records created before the date/time specified in this parameter (from dateFrom) are shown. If not specified, the end date/time is taken to be the date/time before the current system date/time</p> <p>If dateTo < dateFrom, an error is returned on the request</p>	String	No
limit	Limit of returned rows per page (default 100).	Integer	No
cursor	<p>Cursor identifier. It is used to organize page-by-page data display.</p> <p>Note. To get the next page (bundle) of records, the ID of the last document on the previous page (bundle) of records is specified.</p>	String	No

Example of a request:

```
GET https://{server}/api/orders?dateFrom=2025-01-01T10:00:00Z
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

4.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
orderInfos	Array of MC emission orders corresponding to the specified search (filtering) parameters	Array of Object	Yes
*orderId	MC issue order identifier	String	Yes
*productGroup	Product group (see reference)	String	Yes
*orderStatus	Purpose of marking (see reference guide)	String	Yes
*releaseMethodType	MC issue order status (see reference)	String	Yes
*poNumber	Time of order creation (in epoch millis)	String	Yes
*createDate	Production order number	String	No

Example of a response to a request:

```
{
  "orderInfos": [
    {
      "orderId": "0e4c06b2-d71b-4726-58c8-2beaa4ce24b1",
      "productGroup": "vegetableoil",
      "orderStatus": "READY",
      "releaseMethodType": "PRIMARY",
      "poNumber": "1",
      "createDate": "2025-01-30T11:02:02.492Z"
    },
    {
      "orderId": "0e4c3dbb-d8d7-4de8-629a-fb36f69a905f",
      "productGroup": "vegetableoil",
      "orderStatus": "READY",
      "releaseMethodType": "PRIMARY",
      "poNumber": "1",
      "createDate": "2025-01-30T13:08:06.47Z"
    }
  ]
}
```

4.3 Get information about sub-orders

The SCP may request:

- information on the results of processing of a particular sub-order (by MC issue order identifier and commodity code (GTIN));

- list of registered sub-orders and their brief description (by various filtering parameters).

4.3.1 Request

General description of the request:

URL	https://{server}/api/orders/sub-orders
Method	GET
Content-Type	application/json; charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
status	Sub-order status (see reference)	String	No
orderId	MC issue order identifier	String	No
gtin	Product code (GTIN)	String	No
cisType	Type of packaging (see reference)	String	No
dateFrom	The date the order was created accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00' Note. Records created from the specified date/time (inclusive), to date/time dateTo (if specified), or to the current system date/time (if dateTo is not specified) are returned	String	No
dateTo	The date the order was created accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00' Note. When the parameter is applied, records created before the date/time specified in this parameter (from dateFrom) are shown. If not specified, the end date/time is taken to be the date/time before the current system date/time If dateTo < dateFrom, an error is returned on the request	String	No
limit	Limit of returned rows per page (default 100).	Integer	No

cursor	Cursor identifier. It is used to organize page-by-page data display. Note. To get the next page (bundle) of records, the ID of the last document on the previous page (bundle) of records is specified.	String	No
--------	---	--------	----

Example of a request:

```
GET https://{server}/api/orders/sub-orders?orderId=0e13a243-fcad-4755-6fa7-9102e6832e61
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

4.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
subOrderInfos	Array of sub-orders corresponding to the specified search (filtering) parameters	Array of Object	Yes
*parentOrderId	Identifier of the MC issue order in which the sub-order is placed	String (UUID)	Yes
*gtin	Sub-order status (see reference)	String	Yes
*bufferStatus	Product code (GTIN)	String	Yes
*cisType	Type of packaging (see reference)	String	Yes
*availableCodes	Total number of MC s issued (generated) in the sub-order	Integer	Yes
*leftInBuffer	Number of MC s not unloaded from the sub-order (MC balance in the sub-order)	Integer	Yes
*totalPassed	Total number of MC s unloaded from the sub-order	Integer	Yes
*lastPackId	Identifier of the last received package of MC s unloaded from the sub-order	String	No
*createDate	Date and time of sub-order creation	String	Yes
*rejectionReason	Reason for rejecting the sub-order To be filled in if the sub-order status is REJECTED	String	No

Example of a response to a request:



```
{
  "subOrderInfos": [
    {
      "parentOrderId": "0e13a243-fcad-4755-6fa7-9102e6832e61",
      "gtin": "04899215122371",
      "bufferStatus": "EXHAUSTED",
      "cisType": "UNIT",
      "availableCodes": 10,
      "leftInBuffer": 7,
      "totalPassed": 3,
      "lastPackId": "0e13a2f6-14c9-4013-40c1-5ad0d9bfc655",
      "createDate": "2025-01-07T11:53:14.246Z"
    }
  ]
}
```

4.4 Receive (unload) MC from a sub-order

- Receipt (unloading) of MC s depends on the status of the MC issue order:
- "READY" status allows to perform initial unloading of MCs and repeated unloading of previously received (unloaded) MCs
- "CLOSED" status allows to perform only repeated unloading of previously received (unloaded) MCs.

Possible request options:

- If no bundle is specified in the request and at least one bundle of codes was previously received, then we take all previously received codes from the ICOM repository
- If no bundle is specified in the request and no bundle has been previously received for the current sub-order, then fetch the batch of codes from the issuance server and then store it in the ICOM
- If a bundle is specified in the request and it is not the last one, then we take all the codes received after it from the ICOM repository
- If the bundle is specified in the request and it is the last one, then we fetch the batch of codes from the issue server and then save it to the ICOM.

4.4.1 Request

General description of the request:

URL	https://{server}/api/codes
------------	----------------------------

Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
orderId	MC issue order identifier	String	Yes
gtin	Product code (GTIN)	String	Yes
quantity	Number of codes to be uploaded Note. The value shall not be less than 1, and not more than the number of MC s specified in the MC emission order	Integer	Yes
lastPackId	The identifier of the last MC package previously unloaded from the sub-order. Note. If MC s are unloaded in parts (packages), to receive the next MC package it is necessary to specify the identifier of the last received MC package. Otherwise, the first unloaded MC package will be unloaded. At the first request for MC upload, the parameter value is 0 or is not filled.	UUID	No

Example of a request:

```
GET https://{server}/api/codes?orderId=0e534d13-d19a-4a01-4618-528fbba584b1&gtin=04899215122371&quantity=1
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

4.4.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
packId	ID of the uploaded MC package	UUID	Yes
codes	Array of unloaded MC s	Array of Strings	Yes

Example of a response to a request:

```
{
  "packId": "0e13a2f6-14c9-4013-40c1-5ad0d9bfc655",
  "codes": ["010489921512237121UGM6BL+d+aHQw\u001d93vuzv"
]
}
```

4.5 Get the list of MC packages unloaded from the sub-order

If necessary, you can get a list of MC packages unloaded from a particular sub-order.

4.5.1 Request

General description of the request:

URL	https://{server}/codes/packs
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
orderId	Unique order identifier in ICOM	String	Yes
gtin	Product code (GTIN of sub-order)	String	Yes

Example of a request:

```
GET https://{server}/api/codes/packs?orderId=0e270d4c-5414-4d5e-6860-
b2fef88c2cbb&gtin=04815617815628
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

4.5.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
orderId	MC issue order identifier	UUID	Yes
gtin	Product code (GTIN)	String	Yes
packs	List of MC packages unloaded from the sub-order	Array of Objects	Yes
*packId	ID of the uploaded MC package		Yes
*packDateTime	Date and time of creation (upload) of the MC package in ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00'	String	Yes



*quantity	Number of MC s unloaded in a given MC package	Integer	Yes
-----------	---	---------	-----

Example of a response to a request:

```
{
  "orderId": "0e270d4c-5414-4d5e-6860-b2fef88c2cbb",
  "gtin": "04815617815628",
  "packs": [
    {
      "packId": "0e27114e-c7cc-4159-4b1e-dd0cc45220c4",
      "quantity": 2,
      "packDateTime": "2025-01-15T09:49:18.834Z"
    },
    {
      "packId": "0e2713b8-4568-42d2-4ce5-c025ae2d9e51",
      "quantity": 2,
      "packDateTime": "2025-01-15T09:54:50.347Z"
    }
  ]
}
```

4.6 Close order (sub-order) for MC issue

The SCP may close a registered MC issuance order or sub-order. Marking codes that have not been uploaded from such an order (sub-order) will be canceled.

When closing a MC issue order, all its sub-orders are closed. When closing the last active sub-order, the whole MC issue order is automatically closed.

4.6.1 Request

General description of the request:

URL	https://{server}/api/order/close
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
orderId	MC issue order identifier	String	Yes
gtin	Product code (GTIN)	String	No

	Note. If the parameter is not specified, the entire MC issue order is closed.		
--	--	--	--

Example of a request:

```
POST https://{server}/api/order/close?orderId=0e4c06b2-d71b-4726-58c8-2beaa4ce24b1&gtin=04899215122371
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

4.6.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
orderId	MC issue order identifier	UUID	Yes
gtin	Product code (GTIN)	String	No

Example of a response to a request:

```
{
  "orderId": "0e4c06b2-d71b-4726-58c8-2beaa4ce24b1",
  "gtin": "04899215122371"
}
```

5 METHODS FOR REPORTS

5.1 Register a Report on MC Application (Utilization)

A report on MC application (utilization) confirms the manufacturing of the product, i.e., the application of identification means (DataMatrix code) to the product or its packaging.

Specific features of registration and processing of utilization reports:

- The report is submitted for MCs applied to consumer packaging (unit) and group (block) packaging.
- The report must contain complete marking codes, including data group separators.
- The report must not contain MCs with the status "Received"; such codes are not allowed for application.
- The report must not contain MCs with the status "Utilized"; such codes are already reported as applied.
- The report must include marking codes related to a single Product Group (PG).
- The report is submitted by the owner (issuer) of the marking codes.

To check the status of an Application of Marking report, it is recommended to use the API method: `public/api/v1/doc/storage/docs/{documentId}`

5.1.1 Request

General description of the request:

URL	https://{server}/api/utilisation
Method	POST
Content-Type	application/json; charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
productGroup	Product group (see reference)	String	Yes

Request parameters (request body):

Parameter	Description	Type	Required.
sntins	Array of applied MCs (complete marking code including verification code)	Array of String	Yes



	Note. The number of codes in one report is limited (see settings and limitations).		
businessPlaceId	Identifier of the MOD where the MC application was made	Integer	Yes
releaseType	Method of entering goods into turnover (see reference)	String	Yes
manufacturerCountry	Country code of the country of production of goods (see reference) Note. The country of production should be reflected in the product card and also correspond to the way the goods are entered into circulation	String	Yes
productionOrderId	Production order identifier	String	No
productionDate	Date of production. The date is specified with respect to the time zone. Date designation according to ISO 8601 Example: 2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00 Note. Cannot be greater than the current system date/time. The SCP needs to control that the date of production is greater than the date of registration of the MC issuance order.	String	Yes, except for the product group "Household Appliances"
expirationDate	Time zone-specific expiration date. Date designation according to ISO 8601. Example: 2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00 Note. Cannot be less than the current system date/time	String	Yes, except for the product group "Household Appliances"
seriesNumber	Production series (batch) number Note. Length control from 1 to 20 characters	String	No, except for the product group "pharma"

Example of a request:



```
POST https://{server}/api/utilisation?productGroup=vegetableoil
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "sntins": ["010489921512237121U&U1+<cfOUoZf\u001d93UehU",
    "010489921512237121Uhgr>kO42*S<<\u001d93f7PE"
  ],
  "businessPlaceId": 27,
  "manufacturerCountry": "UZ"
  "productionOrderId": "56-43",
  "releaseType": "PRODUCTION",
  "productionDate": "2025-01-01T08:45:02Z",
  "expirationDate": "2028-01-01T00:00:00+00:00",
  "seriesNumber": "FINLK2111111111111111"
}
```

5.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
reportId	Identifier of the registered MC application report	String	Yes

Example of a response to a request:

```
{
  "reportId": "0e534f23-0c42-4118-4e32-5ef2d04dc555"
}
```

5.2 Register a report on the print quality assessment (validation) of identification means

The method is intended for registration by a Supply Chain Participant (SCP) and/or a Service Provider (SP) of a report on print quality assessment (validation) of identification means.

A print quality assessment (validation) report confirms the fact of producing the identification means (i.e., printing a DataMatrix code on a label, sticker, or other physical medium), as well as the quality of the printing.

The print quality assessment is performed according to the international standard ISO/IEC 15415:2011 "Information technology — Automatic identification and data capture techniques — Bar code print quality test specification — Two-dimensional symbols".

Parameter	Description	Type	Required.
*printQualityClass	Date and time of document generation according to ISO 8601	String	Yes

5.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the registered report on quality assessment of printing (validation) of digital identification means	String	Yes

Example of a response to a request:

```
{
  "documentId": "0e5432f0-b38b-4aa5-605f-86c31b21405e"
}
```

5.3 Register a report on the aggregation of labeled goods

The method is designed to record the SCP and/or SP of the labeled goods aggregation report.

- One aggregation report is allowed in one report:
- register one or more packages (aggregation codes) at the same time;
- simultaneously register the formation of several aggregation levels (group and transport packs).

5.3.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/aggregation
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
documentBody	Report (JSON) in base64 encoding. The structure of the report is given below.	String	Yes
signature	Detached caption to the report (documentBody)	String	No

Example of a request:

	Note: The Supply Chain Participant (SCP) must ensure that the packaging (aggregation) date and time is later than the production (labeling) date and time of the product.		
--	---	--	--

5.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the registered aggregation report	String	Yes

Example of a response to a request:

```
{
  "documentId": "0e545e7e-5aae-411e-59fb-dd708bcf3abb"
}
```

5.4 Correct Information on MCs

The method is intended for correcting (updating) the following information related to marking codes (MC):

- Product manufacturing date;
- Product expiration date;
- Production batch (lot) number;
- Country of origin.

5.4.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/correction
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
documentBody	Report (JSON) in base64 encoding. The structure of the report is given below.	String	Yes
signature	Detached signature to the report (documentBody)	String	No

Example of a request:

```

POST https://{server}/public/api/v1/doc/correction
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "documentBody": "
ewogICAgImJ1c2luZXNzRGF0ZXRpbWUiOiAiMjAyNS0wNy0wNVQwMDowMDowMFoIL
AogICAgInVwZGF0ZWRGaWVsZHMiOiB7CiAgICAgICAgICAgImV4cGlyYXRpb25EYXRldGltZ
SI6ICIyMDI4LTA2LTA1VDAwOjAwOjAwWiIsCiAgICAgICAgICAgInByb2R1Y3Rpb25EYXRld
GltZSI6ICIyMDI1LTA2LTA1VDAwOjAwOjAwWiIsCiAgICAgICAgICAgIm1hbnVmYWN0dXJlc
kNvdW50cnkiOiAiUIUiLAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIC
AogICAgImNvZGVzIjogWwogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIC
QIogogICAgXQp9 ",
  "signature": "MIAGCSqGSIb3DQEHAqCAMIACAQExEDAOBgoq.."
}
    
```

JSON Structure:

Parameter	Description	Type	Required.
businessDatetime	Date and time of the operation in ISO 8601 format	String	Yes
updatedFields	New values of MC (Marking Code) attributes. Note: One or more MC attributes can be updated.	Object	Yes
*expirationDatetime	New expiration date in ISO 8601 format.	String	No
*productionDatetime	New production date in ISO 8601 format.	String	No
*manufacturerCountry	New country of origin (see reference).	String	No
*seriesNumber	New production batch (lot) number.	String	No
codes	List of MCs to be corrected. Note: The number of codes per request is limited (see settings and restrictions).	Array of Strings	Yes

5.4.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the correction operation	String	Yes

Example of a response to a request:

```

{
  "documentId": "01979dd7-3b2f-78fe-b535-abb439392515"
}
    
```

5.5 Disaggregate Package (GROUP, TRANSPORT)

The method is intended for disbanding group packages (GROUP) and transport packages (BOX_LV_1 and BOX_LV_2):

- Disbanding a group or transport package does not change the status of the nested packages.
- Disbanding a group or transport package will automatically trigger the disbanding of the parent package (if one exists).

5.5.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/transport-code-disaggregation
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
documentBody	Operation body, Base64-encoded JSON Before encoding, JSON properties must be sorted alphabetically (A–Z)	String	Yes
signature	Detached signature (documentBody).	String	No

Example of a request:

```
POST https://{server}/public/api/v1/doc/transport-code-disaggregation
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "documentBody": "
ewogICAgImJ1c2luZXNzRGF0ZXRpbWUiOiAiMjAyNS0wNy0wNVQwND0zNjoyOS43OD
VaIiwKICAgICJjb2RlcyI6IFsKICAgICAgICAiMDAwMDAwMDAwNzc3MDAwMDAwMjkiCi
AgICBdCn0=",
  "signature": "MIAGCSqGSIb3DQEHAqCAMIACAQExEDAObgoq..."
}
```

JSON Structure:

Parameter	Description	Type	Required.
businessDatetime	Date and time of operation (ISO 8601)	String	Yes



codes	Array of transport package codes Note: The number of codes in a single request is limited (see settings and restrictions).	Array of Strings	Yes
-------	---	------------------	-----

5.5.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the disaggregation operation	String	Yes

Example of a response to a request:

```
{  
  "documentId": "01979dd7-3b2f-78fe-b535-abb439392515"  
}
```

6 METHODS FOR TRANSFERRING MARKING CODES BETWEEN SUPPLY CHAIN PARTICIPANT

Methods for transferring marking codes between SCP are intended for the product groups “Pharma” and “Medicines”. This functionality is available for imported products and applies before they are introduced into circulation. A detailed description of the mechanism is available in [the Help Center article](#).

6.1 Retrieve the List of Marking Code Transfer Requests

This method allows you to retrieve the list of operations of type “Marking Code Transfer Request”.

6.1.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/transfer/request/search
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required
documentId	Document identifier	String	No
statuses	Document statuses (matches the documentStatus reference list)		No
confirmationStatuses	Confirmation statuses (see reference list)	Array	No
ownerId	Supply Chain Participant(SCP) identifier(Supplier).	Integer	No
buyerId	Supply Chain Participant(SCP) identifier(Buyer)	Integer	No
dateFrom	Document creation date and time — from (ISO 8601 format)	String(date-time)	No
dateTo	Document creation date and time — to (ISO 8601 format)	String(date-time)	No
businessDateFrom	Transfer execution date — from (ISO 8601 format)	String(date-time)	No
businessDateTo	Transfer execution date — to (ISO 8601 format)	String(date-time)	No

limit	Maximum number of records in the response (batch size) — see limits	Integer	No
cursor	Cursor identifier for pagination. For document lists, use the UUID of the last document from the previous batch	String	No

Example of a request:

```
GET https://{server}/public/api/v1/doc/transfer/request/search?
confirmationStatuses=AWAITING_CONFIRMATION&dateFrom=2025-10-
01T00:00:00Z
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

6.1.2 Response to request

Response parameters:

Parameter	Description	Type	Required
documentInfos	Document Information	Object	Yes
*documentId	Document identifier	String	Yes
*status	Document or operation status	String	Yes
*confirmationStatus	Confirmation status of the transfer request	String	No
*createDate	Document creation date and time (ISO 8601 format)	String(date-time)	Yes

Example of a response to a request:

```
{
  "documentInfos": [
    {
      "documentId": "10d96ecb-c91e-470a-485a-59c88a9a7b41",
      "status": "VALIDATING",
      "createDate": "2025-10-23T13:03:43.878893Z",
      "confirmationStatus": "AWAITING_CONFIRMATION"
    }
  ]
}
```

6.2 Register a Marking Code Transfer Request

This method is intended for registering a “Marking Code Transfer Request” operation by a Supply Chain Participant(SCP).

6.2.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/transfer/request
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required
documentBody	Report in base64-encoded JSON format. The structure of the report is provided below.	String	Yes
signature	Detached digital signature for the documentBody payload.	String	No

Example of a request:

```
POST https://{server}/public/api/v1/doc/transfer/request
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "documentBody":
  "eyJidXNpbmVzc0RhdGV0aW1lIjoiMjAyNS0xMCM0yM1QxMjoiODozNy4zNTZaIiwiaWY29kZXMlOlsiMDEwMzA3Nzk3MjkyMDAxNTIxN0NxaVFXcGQzd0U1ciJdLCJwcm9kdWN0cyI6W3siZ3RpbI6IjAzMDc3OTcyOTIwMDE1IiwicXVhbnRpdHkiOjF9XSwiZXh0ZXJlYXN0cyI6b2N1bWVudFJlZmVyZW5jZSI6ItCd0L7QvNC10YAg0LTQvtC60YPQvNC10L3RgtCwIiwib3duZXJJZCI6MywiYnV5ZXJJZCI6OH0=",
  "signature": "MIAGCSqGSIb3DQEHAqCAMI.."
}
```

JSON Structure:

Parameter	Description	Type	Required
buyerId	Identifier of the requesting Supply Chain Participant(SCP)	Integer	Yes
ownerId	Identifier of the supplier Supply Chain Participant(SCP)	Integer	Yes
externalDocumentReference	Reference details of the source document for the goods transfer (name, number, and date)	String	No
businessDatetime	Date and time of the operation (UTC, ISO 8601 format)	String(date-time)	Yes
products	Information about the assortment of transferred goods	Object	Yes

*gtin	Product code (GTIN)	Sting	Yes
*quantity	Quantity of the product in consumer units	Integer	Yes
codes	List of marking codes associated with the product	Array of Stings	Yes

6.2.2 Response to request

Response parameters:

Parameter	Description	Type	Required
documentId	Identifier of the created operation	String	Yes

Example of a response to a request:

```
{
  "documentId": "10d96ecb-c91e-470a-485a-59c88a9a7b41"
}
```

6.3 Register Confirmation of the Marking Code Transfer Request

This method is intended for registering a confirmation of the "Marking Code Transfer Request" by a Supply Chain Participant(SCP)

6.3.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/transfer/confirmation
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required
documentBody	Report in base64-encoded JSON format. The JSON structure is provided below.	String	Yes
signature	Detached digital signature for the documentBody payload.	String	No

Example of a request:

```

POST https://{server}/public/api/v1/doc/transfer/confirmation
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "documentBody":
  "eyJyZXNvbHV0aW9uIjoiQ09ORkISTUVEIiwidHJhbnNmZXJSZXF1ZXN0RG9jSWQjOiIxMGQ5NmVjYi1jOTFILTRQ3MGEtNDg1YS01OVM4OGE5YTdiNDEifQ==",
  "signature": "MIAGCSqGSIb3DQEH..."
}
  
```

JSON Structure:

Parameter	Description	Type	Required
transferRequestDocId	Identifier of the Marking Code Transfer Request being confirmed	String	Yes
resolution	Resolution status (see reference list for possible values)	String	Yes

6.3.2 Response to request

Response parameters:

Parameter	Description	Type	Required
documentId	documentId — Confirmation Document ID Note: The confirmation document ID is not equal to the ID of the "Marking Code Transfer Request" operation.	String	Yes

Example of a response to a request:

```

{
  "documentId": "10d99daf-9e31-47b8-66af-47cf24278c15"
}
  
```

7 METHODS FOR AGGREGATED IMPORT CODE (AIC)

Formation of an Aggregated Import Code (AIC) is carried out in the following sequence:

- Generate an Aggregated Import Code (AIC);
- Register an Aggregated Import Code (AIC).

For codes that have lost relevance, there is a method for withdrawing (disaggregating) an Aggregated Import Code (AIC).

7.1 Generate an Aggregated Import Code (AIC)

The method is intended to generate an empty Aggregated Import Code (AIC) that meets the established format.

The generated AIC must be subsequently registered, specifying its composition and other required details.

7.1.1 Request

General description of the request:

URL	https://{server}/public/api/v1/customs-registry/code
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

7.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
aggregatedCustomsCode	Generated AIC for subsequent registration	String	Yes

Example of a response to a request:

```
{
  "aggregatedCustomsCode": "0000030796671523062500001"
}
```

7.2 Register an Aggregated Import Code (AIC)

This method is intended to enrich the generated AIC with information required for transmission to the customs information system.

7.2.1 Request

General description of the request:



additionalUnitQuantity	Quantity of goods in the additional unit of measure Note: If the additional unit of measure is not applicable, specify null	Number double	Yes
codes	List of MCs (Marking Codes)	Array of Strings	Yes

7.2.2 Algorithm for calculating the quantity of labeled goods in an additional unit of measure

The additional unit of measure is determined in accordance with the Commodity Nomenclature of Foreign Economic Activity of the Republic of Uzbekistan (see details on additional units of measure by HS Code).

The quantity of goods in the additional unit of measure (additionalUnitQuantity) is calculated for the purposes of customs clearance of goods.

The calculation is based on:

- the number of MCs (Marking Codes) packed into the AIC (all consumer packages are taken into account);
- product information registered in the product registry of the Labeling Information System.

Code	Unit	Calculation Algorithm
796	pcs.	"Number of units per package, pcs." × "Number of MCs"
798	1000 pcs.	"Number of consumption units per package" × "Number of MCs" ÷ 1000
112	L	"Product volume in consumer package, L" × "Number of MCs"
831	L of 100% alcohol	"Product volume in consumer package, L" × "Alcohol strength, %" × "Number of MCs"

7.2.3 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the created operation	String	Yes

Example of a response to a request:

```
{
  "documentId": "01979dd7-3b2f-78fe-b535-abb439392515"
}
```

7.3 Withdraw (Disaggregate) an Aggregated Import Code (AIC)

This method is intended to withdraw (disaggregate) an AIC. The operation can be performed under the following conditions:

- The AIC was successfully registered in the marking system;
- The AIC was not used for customs clearance and release of goods into free circulation (import).

7.3.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/customs-code-withdrawal
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
documentBody	Operation body, Base64-encoded JSON. JSON properties must be alphabetically sorted.	String	Yes
signature	Detached signature of the document body (documentBody)	String	No

Example of a request:

```
POST https://{server}/public/api/v1/doc/customs-code-withdrawal
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "documentBody": "
ewogICAgImJ1c2luZXNzRGF0ZXRpbWUiOiAiMjAyNS0wNy0xMVQxMDoxMjoxMC4xMzlaIiwKICAgICJjb2
RIIjogIjAwMDAwMzA3OTY2NzE1MDMwNzI1NTAwMDMiCn0= ",
  "signature": "MIAGCSqGSIb3DQEHAqCAMIACAQExEDAOBgoq.."
}
```

JSON Structure:

Parameter	Description	Type	Required.
businessDatetime	Operation execution date/time (ISO 8601)	String	Yes
code	AIC code to be withdrawn	String	Yes

7.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentId	Identifier of the created operation	String	Yes

Example of a response to a request:

```
{  
  "documentId": "01979dd7-3b2f-78fe-b535-abb439392515"  
}
```

8 METHODS FOR RETRIEVING A LIST OF MC

The set of methods is intended for generating and retrieving a list of MCs according to specified filter parameters. Each SCP may obtain a list of MCs that they own at the time of processing the request.

The MC list generation process includes several stages:

- Registering a request for generating a list of MCs;
- Processing the request for list generation;
- Retrieving the processing result;
- Returning a list of identification codes (including verification codes)).

8.1 Register a Request for Generating a List of MCs

The method is intended for initiating the process of generating a file containing a list of MCs according to the filter parameters, where the owner is the SCP.

8.1.1 Request

General description of the request:

URL	https://{server}/public/api/cod/exports
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
gtin	Product code (GTIN) Note: When searching by gtin, additional filtering by other fields (productId, productName) is not applied.	String	Yes
productId	Product identifier (internal system ID) Note: When searching by productId, multiple results may be returned.	String	No
productName	Product name (trade name) Note: When searching by productName, multiple results may be returned.	String	No
productGroupId	Product group (from reference dictionary)	Array of Integer	No



packageType	Package type (see reference)	Array of Strings	No
emissionDateFrom	Date of MC emission According to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: Returns MCs emitted starting from the specified date/time (inclusive) up to emissionDateTo (if provided), or up to the current system date/time (if emissionDateTo is not provided).	String	No
emissionDateTo	Date of MC emission According to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: When applying this parameter, records created on the date/time specified in emissionDateTo are returned. If not specified, the current system date/time is used.	String	No
productionDateFrom	Date of product manufacturing According to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: Returns MCs with a production date starting from the specified date/time (inclusive) up to productionDateTo (if provided), or up to the current system date/time (if productionDateTo is not provided).	String (date-time)	No
productionDateTo	Date of product manufacturing According to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: When applying this parameter, records created on the date/time specified in productionDateTo are returned. If not specified, the current system date/time is used.	String (date-time)	No
expirationDateFrom	Expiration date of product validity according to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: Returns MCs whose expiration date starts from the specified date/time (inclusive) up to expirationDateTo (if provided), or up to the current system date/time (if not provided).	String (date-time)	No



expirationDateTo	Expiration date of product validity according to ISO 8601.Example: 2024-12-03T10:15:30Z or 2024-12-03T10:15:30+01:00 Note: When applying this parameter, records with expiration date equal to the specified value are also returned. If not provided, the current system date/time is used.	String (date-time)	No
status	MC status (see reference)	Array of Strings	No
emissionType	Type of emission (see reference)	Array of Strings	No
originalReleaseMethod	Method of release of goods into circulation (see reference)	Array of Strings	No
emptyPackage	Empty package flag (true – empty; false – not empty) Note: Used for transport (block) packages to determine whether the transport package contains unit packages or not.	Boolean	No
productSeries	Production batch/series number	String	No

Example of a request:

```
POST https://{server}/public/api/cod/exports
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "gtin": "04850070082354",
  "productId": "20edb53f-4a09-4a5d-8f44-7a34365f3223",
  "productName": "водка тест",
  "productGroupId": [11],
  "packageType": ["UNIT"],
  "emissionDateFrom": "2025-06-05T00:00:00Z",
  "emissionDateTo": "2025-06-07T00:00:00Z",
  "productionDateFrom": "2025-05-25T00:00:00Z",
  "productionDateTo": "2025-06-07T00:00:00Z",
  "expirationDateFrom": "2025-05-25T00:00:00Z",
  "expirationDateTo": "2025-06-07T00:00:00Z",
  "status": ["INTRODUCED"],
  "emissionType": ["PRIMARY"],
  "originalReleaseMethod": ["PRODUCTION"],
  "emptyPackage": false,
  "productSeries": "42"
}
```

8.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
id	Identifier of the request for generating an MC list	String	Yes

Example of a response to a request:

```
{
  "id": "01974af8-935d-7a31-9179-e5d30ec73c1d"
}
```

8.2 Get Status of Request for Generating MC List

The method is intended for retrieving the status of a request for generating an MC list.

8.2.1 Request

General description of the request:

URL	https://{server}/public/api/cod/exports/{id}/status
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
id	Identifier of the file	String	Yes

Example of a request:

```
GET https://{server}/public/api/cod/exports/01974af8-935d-7a31-9179-e5d30ec73c1d/status
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

8.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
Status	Status of the request for generating an MC list (see reference)	String	Yes

Example of a response to a request:

"SUCCESS"

8.3 Get Processing Result of Request for Generating MC List

The method is intended for retrieving the result of processing a request for generating an MC list. The result is provided as a ZIP archive containing a file (json).

The size and storage period of the file are limited (see settings and restrictions).

The data on MCs is returned in JSON format in the volume provided by the method `public/api/cod/private/codes`.

8.3.1 Request

General description of the request:

URL	https://{server}/public/api/cod/exports/{id}/result
Method	GET
Content-Type	application/zip
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
id	File identifier	String	Yes

Example of a request:

```
GET https://{server}/public/api/cod/exports/01974af8-935d-7a31-9179-
e5d30ec73c1d/result
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

8.3.2 Response to request

Parameter	Description	Type	Required.
Zip file	ZIP archive containing the generated MC list file	zip	Yes

9 METHODS FOR MARKING CODES (MC)

9.1 Retrieve Public Information on MCs

The method is intended for obtaining public (short) information about MCs:

- public MC data is available to all authorized users (if the corresponding role and permissions are present);
- the response includes the identification code (with verification code);
- the response returns information only for MCs registered in the marking system;
- MCs not registered in the system or withdrawn from circulation are ignored.

The request is not processed if:

- the CM length is less than the minimum allowed (see the Constraints section);
- the CM contains invalid characters (e.g., Cyrillic characters).

9.1.1 Request

General description of the request:

URL	https://{server}/public/api/cod/public/codes
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
codes	Array of marking codes. Note: The number of codes in a single request is limited (see settings and restrictions).	JSON Array of String	Yes

Example of a request:

```
POST https://{server}/public/api/cod/public/codes
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "codes": [
    "010485007008235421UkdYeYc"
  ]
}
```

9.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
code	Requested MC	String	Yes
packageType	Package type (see reference)	String	Yes
status	MC status (see reference)	String	Yes
extendedStatus	Extended MC status (see reference)	String	No
issuerShortInfo	Brief information about the emitter of MC	Object	Yes
*issuerTin	Taxpayer Identification Number (TIN or PINFL) of the MC emitter	String	Yes
*issuerName	Name of the emitter. Note: Returned in the form of a set of key-value pairs, where key = code, value = name, depending on the specified language parameter.	Object	Yes
template	MC template (see reference)	String	No
gtin	Product Code (GTIN) Not returned for codes with packaging type BOX_LV_1 or BOX_LV_2.	String	No
productId	Product identifier Note: Returned only for unit (consumer) and group (block) packages	String	No
productGroupId	Product group identifier (see reference)	Integer	No
categoryId	Category identifier. Directory of product categories According to the National Catalog of Marked Goods.	String	No
emissionDate	Date of MC emission According to ISO 8601	String	No
issueDate	Date of product issuance into circulation According to ISO 8601	String	No
productionDate	Product manufacturing date According to ISO 8601	String	No
expirationDate	Product expiration date According to ISO 8601	String	No
productSeries	Production series (batch)	String	No
mixedProductGroups	Indicates whether the packaging is heterogeneous by product group.	Boolean	No



	Note: Returned only for group (block) packages and transport packages.		
mixedCategories	Indicates whether the packaging is heterogeneous by product category. Note: Returned only for group (block) packages and transport packages.	Boolean	No
aggregateProductGroups	Product Groups of Nested MCs	Array of Object	No
*productGroupId	Product group code (see reference guide). Note: Not returned for codes with packaging type = UNIT or ACC.	Integer	No
*unitsNumber	Number of nested consumer MCs related to the specified product group.	Integer	No
aggregateCategories	Product Categories of Nested MCs Note: Not returned for codes with packaging type = UNIT or ACC.	Array of Object	No
*categoryId	Product category identifier.	String	No
*unitsNumber	Number of consumer packaging codes (UNIT) with the specified category within the aggregate (including nested aggregates).	Integer	No

Example of a response to a request for consumer packaging:



```
[
  {
    "code": "01030779729200462175Hc\"zW",
    "isHadExtendedCode": false,
    "packageType": "UNIT",
    "status": "INTRODUCED",
    "issuerShortInfo": {
      "issuerTin": "307797292",
      "issuerName": {
        "en": "\"OOO ROMASHKA\" MCHJ",
        "ru": "\"OOO ROMASHKA\" MCHJ",
        "uz": "\"OOO ROMASHKA\" MCHJ"
      }
    }
  },
  "template": "GS1_AISTR_SHORT",
  "productId": "e4840194-1461-4541-8c72-84a8e7d20da9",
  "productGroupId": 11,
  "categoryId": "category_alcohol_liqueur",
  "emissionDate": "2025-09-05T07:19:06.894Z",
  "issueDate": "2025-09-05T07:24:48.656Z",
  "productionDate": "2025-09-05T07:25:00Z",
  "expirationDate": "2027-09-03T18:59:00Z",
  "gtin": "03077972920046"
}
```

Example of a response to a request for group packaging:



```
[
  {
    "code": "01130779729200432171V=EC=xpnFq:",
    "isHadExtendedCode": false,
    "packageType": "GROUP",
    "status": "INTRODUCED",
    "issuerShortInfo": {
      "issuerTin": "307797292",
      "issuerName": {
        "en": "\"OOO ROMASHKA\" MCHJ",
        "ru": "\"OOO ROMASHKA\" MCHJ",
        "uz": "\"OOO ROMASHKA\" MCHJ"
      }
    },
    "template": "GS1_AISTR_SHORT",
    "productId": "6e10ffe0-7841-40cf-bb7a-73c828f09f4f",
    "productGroupId": 11,
    "categoryId": "category_alcohol_liqueur",
    "emissionDate": "2025-09-05T07:20:29.369Z",
    "issueDate": "2025-09-05T07:25:22.497Z",
    "productionDate": "2025-09-05T07:26:00Z",
    "expirationDate": "2030-09-04T18:59:00Z",
    "mixedProductGroups": false,
    "mixedCategories": false,
    "gtin": "13077972920043",
    "aggregateProductGroups": [
      {
        "productGroupId": 11,
        "unitsNumber": 3
      }
    ],
    "aggregateCategories": [
      {
        "categoryId": "category_alcohol_liqueur",
        "unitsNumber": 3
      }
    ]
  }
]
```

Example of a response to a request for transport packaging:



```
[
  {
    "code": "00030779729277777889",
    "isHadExtendedCode": false,
    "packageType": "BOX_LV_1",
    "status": "INTRODUCED",
    "issuerShortInfo": {
      "issuerTin": "307797292",
      "issuerName": {
        "en": "\"OOO ROMASHKA\" MCHJ",
        "ru": "\"OOO ROMASHKA\" MCHJ",
        "uz": "\"OOO ROMASHKA\" MCHJ"
      }
    }
  },
  "template": "SSCC",
  "productGroupId": 18,
  "categoryId": "category_appliances_bulbs",
  "emissionDate": "2025-08-21T08:40:14Z",
  "issueDate": "2025-08-21T08:40:14Z",
  "mixedProductGroups": false,
  "mixedCategories": false,
  "aggregateProductGroups": [
    {
      "productGroupId": 18,
      "unitsNumber": 2
    }
  ],
  "aggregateCategories": [
    {
      "categoryId": "category_appliances_bulbs",
      "unitsNumber": 2
    }
  ]
}
]
```

9.2 Retrieve Detailed Information on MCs

Detailed information about a Marking Code (MC) is available only to the code's issuer or its current owner.

- If the request contains codes for which the sender does not have business access, those codes are placed in the forbiddenCodes array.

Note: The request must include at least one code to which the sender has business access. Otherwise, the following rule applies:



- If the request contains only codes without business access, the system redirects to the public API (see method: public/api/cod/public/codes).
- If a requested code is not found in the system, it will not appear in the response.
- The request must include only identification codes (no verification codes).

The request is not processed if:

- the CM length is less than the minimum allowed (see the Constraints section);
- the CM contains invalid characters (e.g., Cyrillic characters).

9.2.1 Request

General description of the request:

URL	https://{server}/public/api/cod/private/codes
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
codes	Array of marking codes. Note: The number of MCs in one request is limited (see settings and restrictions)	JSON Array of String	Yes

Example of a request:

```
POST https://{server}/public/api/cod/private/codes
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "codes": [
    "010048500703221421Uu9nf1f).Nzq&",
    "00189011350000000028"
  ]
}
```

9.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
results	Detailed information on MCs	Array of objects	Yes
*codeData	MC data	Object	Yes
**code	Found MC	String	Yes
**status	MC status (see reference)	String	Yes
**template	MC template (see reference)	String	No
**extendedStatus	Extended MC status (see reference)	String	No
*productData	Product marking data	Object	No
**productId	Product card identifier	String	No
**gtin	Product code (GTIN)	String	No
**productGroupId	Product group code	Integer	No
**categoryId	Product category code	String	No
**productionDate	Product manufacturing date (ISO 8601)	String (date-time)	No
**expirationDate	Product expiration date (ISO 8601)	String (date-time)	No
**productSeries	Product series (batch) number	String	No
**manufacturerCountry	Country of origin code (ISO 3166)	String	No
**mixedProductGroups	Indicator of heterogeneous packaging by product group	Boolean	No
**mixedCategories	Indicator of heterogeneous packaging by product category	Boolean	No
*packageData	Packaging (aggregation) data of MC	Object	Yes
**packageType	Package type (see reference)	String	Yes
**emptyPackage	Empty package indicator	Boolean	Yes
**parentCode	Parent MC code	String	No
**children	Array of nested MCs	Array of Object	No
***code	Nested MC	String	Yes
***status	MC status (see reference)	String	Yes
***extendedStatus	Extended MC status	String	No

***packageType	Package type (see reference)	String	Yes
***emptyPackage	Empty package indicator	Boolean	No
***mixedProductGroups	Heterogeneous packaging indicator by product group	Boolean	No
***mixedCategories	Heterogeneous packaging indicator by product category	Boolean	No
***productId	Product card identifier	String	No
****gtin	Product GTIN	String	No
***productGroupId	Product group code (see reference)	Integer	No
***categoryId	Product category code	String	No
**actuallyPacked	Number of nested MCs	Integer	Yes
**aggregateProductGroups	Product groups of nested MCs	Array of object	Yes
***productGroupId	Product group code	Integer	Yes
***unitsNumber	Number of nested consumer MCs in product group	Integer	Yes
**aggregateCategories	Product categories of nested MCs	Array of object	Yes
***categoryId	Product category code	String	Yes
***unitsNumber	Number of nested consumer MCs in product category	Integer	Yes
*markingData	Product marking data	Object	Yes
**emissionDate	MC emission date (ISO 8601)	String	Yes
**issueDate	Product issuance date (ISO 8601)	String	Yes
**issuerInfo	Information about the emitter	Object	No
***issuerId	Emitter identifier	Integer	No
***issuerTin	Emitter TIN or PINFL	String	No
***issuerName	Emitter name (localized key-value pairs)	Object	No
***issuerBusinessPlaceId	Emitter's MOD identifier	Integer	No
**contractorInfo	Information about Service Provider (SP)	Object	No
***contractorId	Service Provider identifier	Integer	No
***contractorTin	Service Provider TIN or PINFL	String	No

***contractorName	Service Provider name (localized key-value pairs)	Object	No
***contractorBusinessPlaceId	SP's MOD identifier	Integer	No
**emissionType	Type of MC emission	String	No
**issuerBusinessPlaceId	MOD identifier where MC was emitted	Integer	No
**validationDate	Date of MC validation (ISO 8601)	String	No
**utilisationDate	Date of MC utilization (ISO 8601)	String	No
**paymentDate	Date of MC payment (ISO 8601)	String	No
*turnoverData	MC turnover status data	Object	No
**originalReleaseMethod	Method of goods release into circulation	String	No
**ownerInfo	Information about MC owner	Object	Yes
***ownerId	Owner identifier	Integer	No
***ownerTin	Owner TIN or PINFL	String	Yes
***ownerName	Owner name (localized key-value pairs)	Object	No
***ownerBusinessPlaceId	Owner's MOD identifier	Integer	No
**withdrawalDate	MC withdrawal date (ISO 8601)	String	No
**withdrawalReason	Withdrawal reason (see reference)	String	No
**partialQuantity	Remaining quantity after partial withdrawal	Number (double)	No
**returnDate	Date of return to circulation (ISO 8601)	String	No
**returnReason	Reason for return (see reference)	String	No
**customsDeclaration	Customs declaration data	Object	No
***date	Customs declaration date (ISO 8601)	String	Yes
***number	Customs declaration number	String	Yes
***authorityCode	Customs authority code	String	No
**manufacturerCountry	Country of origin code (ISO 3166)	String	No
*codeHistory	MC operation history	Array of Object	Yes



**eventBusinessDate	Date of business event (ISO 8601)	String	Yes
**eventDate	Event registration date (ISO 8601)	String	Yes
**eventType	Event type (see reference)	String	Yes
**eventSourceId	Source document identifier	String	Yes
**documentType	Source document type (see reference)	String	No
**senderTin	Sender TIN or PINFL	String	No
**senderName	Sender name (localized key-value pairs)	Object	No
**receiverTin	Receiver TIN or PINFL	String	No
**receiverName	Receiver name (localized key-value pairs)	Object	No
**eventChangedCodeStatus	MC status after the event	String	No
**eventChangedCodeExtStatus	Extended MC status after the event	String	No
***eventValidationShortResponse	MC validation info	Object	No
****printQualityClass	Print quality class	String	No
***eventUtilisationShortResponse	MC utilization info	Object	No
****manufacturerCountry	Product country of origin (ISO 3166)	String	No
***eventPaymentShortResponse	MC payment info	Object	No
****chargeId	Payment identifier	String	No
***eventUpdateChildrenShortResponse	Info on changes in package contents	Object	No
****packageChangeType	Type of package content change	String	No
****maxPackageCapacity	Maximum package capacity	Integer	No
****actuallyPacked	Number of MCs actually packed	Integer	No
****actuallyRemoved	Number of MCs actually removed	Integer	No
****emptyPackage	Indicator of empty package	Boolean	No
***eventChangeParentShortResponse	Info on MC parent package change	Object	No
****formerParentCode	Former parent MC code	String	No
****actualParentCode	Current parent MC code	String	No
***eventIntroductionShortResponse	MC emission info	Object	No
****originalReleaseMethod	Release method of goods into circulation	String	No

***eventWithdrawShortResponse	MC withdrawal info	Object	No
****withdrawalReason	Withdrawal reason (see reference)	String	No
****partialQuantity	Remaining quantity after partial withdrawal	Number	No
****changedPartialQuantity	Updated MC quantity	Number	No
****price	Price including VAT	Number	No
****vatRate	VAT rate, %	Number	No
***eventDropoutShortResponse	A short-format response object for the dropout event	Object	No
****childrenWriteOff	Indicator of MC disposal with all nested codes	Boolean	No
***eventReturnShortResponse	MC return info	Object	No
****returnReason	Reason for return	Number	No
****partialQuantity	Remaining quantity after partial withdrawal	Number	No
****changedPartialQuantity	Updated MC quantity	Number	No
***eventOwnerChangeShortResponse	MC ownership transfer info	Object	No
****receiverTin	New owner TIN or PINFL	String	No
****receiverName	New owner name (localized key-value pairs)	Object	No
***eventCodeCorrectionShortResponse	MC correction info	Object	No
****productionDate	New production date (ISO 8601)	String	No
****productSeries	New product series (batch)	String	No
****manufacturerCountry	New product country of origin (ISO 3166)	String	No
****expirationDate	New expiration date (ISO 8601)	String	No
****valuesBeforeCorrection	Previous values before correction	Object	No
*****productionDate	Initial production date (ISO 8601)	String	No
*****productSeries	Initial product series (batch)	String	No
*****manufacturerCountry	Initial product country of origin (ISO 3166)	String	No
*****expirationDate	Initial expiration date (ISO 8601)	String	No
***eventOwnerReturnShortResponse	Info about goods return to supplier	Object	No
****receiverTin	Supplier TIN or PINFL	String	No



****principalTin	Receiving owner TIN or PINFL	String	No
***eventReversalShortResponse	Info about goods shipment cancellation	Object	No
****receiverTin	Cancelled shipment receiver TIN or PINFL	String	No
****principalTin	Cancelled shipment receiver's owner TIN or PINFL	String	No
****ownerTin	Current owner TIN or PINFL	String	No
****ownerName	Current owner name (localized key-value pairs)	Object	No
****eventCustomsControlShortResponse	Customs control info	Object	No
****extendedStatus	Extended MC status after event (see reference)	String	No
forbiddenCodes	Array of MCs for which the requester does not have business-level access.	Array of String	Yes

Example of a response to a request:

```
{
  "results": [
    {
      "codeData": {
        "code": "010485007008235421Uoef\xE",
        "status": "INTRODUCED",
        "template": "GS1_AISTR_SHORT"
      },
      "packageData": {
        "packageType": "UNIT",
        "parentCode": "010048500703221421Uu9nf1f).Nzq&",
        "children": [],
        "actuallyPacked": 0,
        "aggregateProductGroups": [],
        "aggregateCategories": []
      },
      "markingData": {
        "emissionDate": "2025-06-05T13:38:17.700Z",
        "issueDate": "2025-06-05T13:38:23.380Z",
        "issuerInfo": {
          "issuerId": 2004844,
          "issuerTin": "307966715",
          "issuerName": {
            "en": "\"ASLSCANNER\" LLC",
```



```
    "ru": "OOO \"ASLSCANNER\"",
    "uz": "\"ASLSCANNER\" MCHJ"
  },
  "issuerBusinessPlaceId": 1004851
},
"emissionType": "PRIMARY",
"issuerBusinessPlaceId": 1004851,
"utilisationDate": "2025-06-07T13:06:33.222Z",
"paymentDate": "2025-06-06T19:00:00Z"
},
"codeHistory": [
  {
    "eventBusinessDate": "2025-06-05T13:38:23Z",
    "eventDate": "2025-06-05T13:38:23.380Z",
    "eventType": "USAGE",
    "eventSourceId": "0f81b3e2-3994-4bfe-79c4-531ed1634845",
    "documentType": "ORDER",
    "senderTin": "307966715",
    "senderName": {
      "en": "\"ASLSCANNER\" LLC",
      "ru": "OOO \"ASLSCANNER\" ",
      "uz": "\"ASLSCANNER\" MCHJ"
    }
  },
  "eventChangedCodeStatus": "RECEIVED",
  "eventDescription": {
    "eventUtilisationShortResponse": {
      "addedApplicationIdentifier": []
    },
    "eventPaymentShortResponse": {},
    "eventUpdateChildrenShortResponse": {
      "actuallyRemoved": 0
    },
    "eventChangeParentShortResponse": {}
  }
},
{
  "eventBusinessDate": "2025-06-07T13:06:33Z",
  "eventDate": "2025-06-07T13:06:33.222Z",
  "eventType": "INTRODUCTION",
  "eventSourceId": "0f868f57-ad2e-442f-6a1e-53adb15fef35",
  "documentType": "UTILISATION",
  "senderTin": "307966715",
  "senderName": {
    "en": "\"ASLSCANNER\" LLC",
    "ru": "OOO \"ASLSCANNER\" ",
    "uz": "\"ASLSCANNER\" MCHJ"
  }
},
"eventChangedCodeStatus": "INTRODUCED",
```



```
"eventDescription": {
  "eventUtilisationShortResponse": {
    "addedApplicationIdentifier": []
  },
  "eventPaymentShortResponse": {},
  "eventUpdateChildrenShortResponse": {
    "actuallyRemoved": 0
  },
  "eventChangeParentShortResponse": {},
  "eventIntroductionShortResponse": {
    "originalReleaseMethod": "PRODUCTION"
  }
}
},
{
  "eventBusinessDate": "2025-06-07T13:06:33Z",
  "eventDate": "2025-06-07T13:06:33.222Z",
  "eventType": "UTILISATION",
  "eventSourceId": "0f868f57-ad2e-442f-6a1e-53adb15fef35",
  "documentType": "UTILISATION",
  "senderTin": "307966715",
  "senderName": {
    "en": "\"ASLSCANNER\" LLC",
    "ru": "ООО \"ASLSCANNER\"",
    "uz": "\"ASLSCANNER\" MCHJ"
  },
  "eventChangedCodeStatus": "APPLIED",
  "eventDescription": {
    "eventUtilisationShortResponse": {
      "addedApplicationIdentifier": []
    },
    "eventPaymentShortResponse": {},
    "eventUpdateChildrenShortResponse": {
      "actuallyRemoved": 0
    },
    "eventChangeParentShortResponse": {}
  }
},
{
  "eventBusinessDate": "2025-06-07T13:14:30Z",
  "eventDate": "2025-06-07T13:14:36Z",
  "eventType": "CHANGE_PARENT",
  "eventSourceId": "0f8692d4-f7ea-4fab-5889-b36d573372c5",
  "documentType": "AGGREGATION",
  "senderTin": "307966715",
  "senderName": {
    "en": "\"ASLSCANNER\" LLC",
    "ru": "ООО \"ASLSCANNER\"",
```



```
    "uz": "\"ASLSCANNER\" MCHJ"
  },
  "eventDescription": {
    "eventUtilisationShortResponse": {
      "addedApplicationIdentifier": []
    },
    "eventPaymentShortResponse": {},
    "eventUpdateChildrenShortResponse": {
      "actuallyRemoved": 0
    },
    "eventChangeParentShortResponse": {
      "actualParentCode": "010048500703221421Uu9nf1f).Nzq&"
    }
  }
},
],
"productData": {
  "productId": "20edb53f-4a09-4a5d-8f44-7a34365f320b",
  "productGroupId": 11,
  "categoryId": "category_alcohol_cognac",
  "productionDate": "2025-06-06T19:00:00Z",
  "expirationDate": "2025-06-29T19:00:00Z",
  "productSeries": "42",
  "manufacturerCountry": "uz"
},
"turnoverData": {
  "originalReleaseMethod": "PRODUCTION",
  "ownerInfo": {
    "ownerId": 2004844,
    "ownerTin": "307966715",
    "ownerName": {
      "en": "\"ASLSCANNER\" LLC",
      "ru": "ООО \"ASLSCANNER\"",
      "uz": "\"ASLSCANNER\" MCHJ"
    }
  },
  "ownerBusinessPlaceId": 1004851
}
}
},
],
"forbiddenCodes": [00189011350000000028]
}
```

Example of a response to a request for group packaging:



```
{
  "results": [
    {
      "codeData": {
        "code": "0000030779729217092550001",
        "status": "APPLIED",
        "template": "CUSTOM",
        "extendedStatus": "ACC_AGGREGATED"
      },
      "packageData": {
        "packageType": "ACC",
        "emptyPackage": false,
        "children": [
          {
            "code": "00030653562700000030",
            "status": "APPLIED",
            "packageType": "BOX_LV_1",
            "productGroupId": 7,
            "categoryId": "category_pharma_medicines",
            "extendedStatus": "INSERT_INTO_ACC",
            "emptyPackage": false,
            "mixedProductGroups": false,
            "mixedCategories": false
          },
          {
            "code": "00890385507462730681",
            "status": "APPLIED",
            "packageType": "BOX_LV_1",
            "productGroupId": 7,
            "categoryId": "category_pharma_medicines",
            "extendedStatus": "INSERT_INTO_ACC",
            "emptyPackage": false,
            "mixedProductGroups": false,
            "mixedCategories": false
          }
        ]
      },
      "actuallyPacked": 2
    },
    "markingData": {
      "emissionDate": "2025-09-17T10:52:51Z",
      "issueDate": "2025-09-17T10:52:51Z",
      "issuerInfo": {
        "issuerId": 3,
        "issuerTin": "307797292",
        "issuerName": {
          "en": "\"OOO ROMASHKA\" MCHJ",
          "ru": "\"OOO ROMASHKA\" MCHJ",
          "uz": "\"OOO ROMASHKA\" MCHJ"
        }
      }
    }
  ]
}
```



```
    }
  },
  "emissionType": "CUSTOMS"
},
"codeHistory": [
  {
    "eventBusinessDate": "2025-09-17T10:52:51Z",
    "eventDate": "2025-09-17T10:52:56.189Z",
    "eventType": "ENROLLMENT",
    "eventSourceId": "1080ce85-161e-4edf-41d3-ca7922303828",
    "codeStateChanged": true,
    "documentType": "CUSTOMS_CODE_REGISTRATION",
    "senderTin": "307797292",
    "senderName": {
      "en": "\"OOO ROMASHKA\" MCHJ",
      "ru": "\"OOO ROMASHKA\" MCHJ",
      "uz": "\"OOO ROMASHKA\" MCHJ"
    },
    },
    "eventChangedCodeStatus": "APPLIED",
    "eventDescription": {
      "eventUtilisationShortResponse": {
        "addedApplicationIdentifier": []
      },
      },
      "eventPaymentShortResponse": {},
      "eventUpdateChildrenShortResponse": {
        "actuallyRemoved": 0,
        "emptyPackage": true
      },
      },
      "eventChangeParentShortResponse": {}
    }
  },
  {
    "eventBusinessDate": "2025-09-17T10:52:51Z",
    "eventDate": "2025-09-17T10:52:56.189Z",
    "eventType": "UPDATE_CHILDREN",
    "eventSourceId": "1080ce85-161e-4edf-41d3-ca7922303828",
    "codeStateChanged": true,
    "documentType": "CUSTOMS_CODE_REGISTRATION",
    "senderTin": "307797292",
    "senderName": {
      "en": "\"OOO ROMASHKA\" MCHJ",
      "ru": "\"OOO ROMASHKA\" MCHJ",
      "uz": "\"OOO ROMASHKA\" MCHJ"
    },
    },
    "eventChangedCodeExtStatus": "ACC_AGGREGATED",
    "eventDescription": {
      "eventUtilisationShortResponse": {
        "addedApplicationIdentifier": []
      }
    }
  }
]
```



```
    },
    "eventPaymentShortResponse": {},
    "eventUpdateChildrenShortResponse": {
      "actuallyPacked": 2,
      "actuallyRemoved": 0
    },
    "eventChangeParentShortResponse": {}
  }
},
],
"productData": {
  "productId": "afb16a44-215e-427f-a714-cafd6c4cdc4f",
  "gtin": "03077972920015",
  "productGroupId": 7
},
"turnoverData": {
  "ownerInfo": {
    "ownerId": 3,
    "ownerTin": "307797292",
    "ownerName": {
      "en": "\"\"OOO ROMASHKA\"\" MCHJ",
      "ru": "\"\"OOO ROMASHKA\"\" MCHJ",
      "uz": "\"\"OOO ROMASHKA\"\" MCHJ"
    }
  }
}
}
},
],
"forbiddenCodes": []
}
```

9.3 Check code ownership and retrieve the list of nested codes within a package (aggregate)

The method is intended for:

- checking the ownership of marking codes
- retrieving information about codes nested within an aggregate

The request will not be processed if:

- the CM length is less than the minimum allowed (see the Constraints section);
- the CM contains invalid characters (e.g., Cyrillic characters).

Data about the codes being checked is returned only if the TIN provided in the request matches the current owner of the codes specified in the request.

Correct use of the method requires the corresponding role and compliance with the established constraints.

9.3.1 Request

General description of the request:

URL	https://{server}/public/api/cod/nested-codes/owner-check
Method	POST
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required
codes	Array of marking codes Note: Maximum number of codes per request is 100	JSON Array of String	Yes
ownerTin	TIN of the code owner	String	Yes

Example of a request:

```
POST https://{server}/public/api/cod/nested-codes/owner-check
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
{
  "codes": [
    "0103077972920039217(zj*n(cVEs,GT-0poh!",
    "00421564332131432211",
    "0000030779729216122550004",
    "010307797292003921U<H<Xq&B&U6lvn1Vs8=2",
    "010307797292003921U<H<Xq&B&U6lvn1Vs8=!"
  ],
  "ownerTin":"307797292"
}
```

9.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required
results	Array of found codes	Array of Objects	Yes
*code	Identification code	String	Yes



*productGroupId	Product group code (see reference) Note: May be absent for transport packages (codes with package type = BOX_LV_1, BOX_LV_2)	Integer	No
*packageType	Package type (see reference)	String	Yes
*status	Code status (see reference)	String	Yes
*extendedStatus	Extended marking code status (see reference)	String	No
*issuerShortInfo	Brief issuer information	Object	Yes
**issuerTin	TIN (or Pinfl) of the marking code issuer	String	Yes
**issuerName	Issuer name Note: Returned as an object with key:value pairs, where key is the language code and value is the parameter in that language	Object	Yes
*children	Array of nested codes	Array of Strings	No
forbiddenCodes	Array of found codes with a TIN different from the TIN specified in the request	Array of Strings	Yes
missingCodes	Array of codes not found in the system	Array of Strings	Yes

Example of a response:



```
{
  "results": [
    {
      "code": "0103077972920039217(zj*n(cVEs,GT-0poh!",
      "packageType": "UNIT",
      "status": "APPLIED",
      "issuerShortInfo": {
        "issuerTin": "307797292",
        "issuerName": {
          "en": "\"OOO ROMASHKA\" MCHJ",
          "ru": "\"OOO ROMASHKA\" MCHJ",
          "uz": "\"OOO ROMASHKA\" MCHJ"
        }
      }
    },
    {
      "productGroupId": 18,
      "extendedStatus": "INSERT_INTO_ACC",
      "children": []
    },
    {
      "code": "00421564332131432211",
      "packageType": "BOX_LV_1",
      "status": "APPLIED",
      "issuerShortInfo": {
        "issuerTin": "307797292",
        "issuerName": {
          "en": "\"OOO ROMASHKA\" MCHJ",
          "ru": "\"OOO ROMASHKA\" MCHJ",
          "uz": "\"OOO ROMASHKA\" MCHJ"
        }
      }
    },
    {
      "extendedStatus": "INSERT_INTO_ACC",
      "children": [
        "0103077972920039217(zj*n(cVEs,GT-0poh!",
        "0103077972920039217.A3+T&/9;mzjT-pf.6y",
        "0103077972920039217CDpXE7y0>?tb0RS9mc=",
        "0103077972920039217HH?++H+5AA6o>2ZjS6n",
        "0103077972920039217JO1-5Au2M&IL/vwzO9u",
        "0103077972920039217ZU_DjU(kSMSJ0MG:AN\"",
        "0103077972920039217Zgw%>ZK6'Uq>9.w\"JS<",
        "0103077972920039217kvB/=jN1uB_d)e'2fm-",
        "0103077972920039217oRuTI!Y<;REmlcY)1I",
        "0103077972920039217xm2;>KZ4HUi<Ly8xID-"
      ]
    }
  ],
  {
    "code": "0000030779729216122550004",
    "packageType": "ACC",
    "status": "APPLIED",
  }
}
```



```

    "issuerShortInfo": {
      "issuerTin": "307797292",
      "issuerName": {
        "en": "\"OOO ROMASHKA\" MCHJ",
        "ru": "\"OOO ROMASHKA\" MCHJ",
        "uz": "\"OOO ROMASHKA\" MCHJ"
      }
    },
    "productGroupId": 11,
    "extendedStatus": "ACC_AGGREGATED",
    "children": [
      "0103077972920046217&vyRvD"
    ]
  },
  "forbiddenCodes": [],
  "missingCodes": [
    "010307797292003921U<H<Xq&B&U6lvn1Vs8=2",
    "010307797292003921U<H<Xq&B&U6lvn1Vs8=!"
  ]
}

```

9.4 Validate an Array of Full Marking Codes

This method validates consumer and group marking codes.

- For transport codes, the result is always returned with a value of false.
- A marking code is considered successfully validated if it has a correct structure and is registered in the system.
- Validation of an array of full marking codes is possible regardless of business access (current code ownership).

To use this method correctly, the user must have the [appropriate role](#) and comply with the established [limits](#).

9.4.1 Request

General description of the request:

URL	https://{server}/public/api/v1/code-verification/verify
Method	POST
Content-Type	application/json; charset=UTF-8
Authorization	Bearer token

Request parameters (request body):

Parameter	Description	Type	Required.
-----------	-------------	------	-----------

codes	<p>Array of marking codes. The request must contain the full marking code (identification code and verification code), including the ASCII 29 separator characters.</p> <p>The following standard string-to-JSON parameter conversions must be applied:</p> <ul style="list-style-type: none"> - escaping the " and \ characters within the marking code; - passing the ASCII 29 character using Unicode encoding (\u001d). <p>Note: The maximum number of codes per request is 1000.</p>	Array of String	Yes
-------	--	-----------------	-----

Example of a request:

```
POST https://{server}/public/api/v1/code-verification/verify
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
[
"0103077972920015217C6QHq9LqbNxs\u001d91ZmUn\u001d924ZsjFmdpRDAXmZmc2VqWmFpRFZrZWFEQmxDef4lhAc=",
"0103077972920015217Zamt8XGW94Pi\u001d91=3Or\u001d92IcvfwmFKSk5OTEWxMHVIWWdiSIQwWXRnK0hEZNMMwHA=",
"0103077972920039217m\"GN*'nP)kCJWu.42js\u001d91wd9v\u001d92vfNdTXAydDgtdU1MMWV1RVEwT2RJS0k4NnNUVjBCclQ=",
  "046400300955377bePLC4DT0lgreN",
  "0103077972920046217A*FXmT\u001d93Mvp1",
  "0113077972920043217DkDcfb:?sZxK\u001d93Ejf?"
]
```

9.4.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
code	Marking code	String	Yes
verified	Verification result: true — the code is authentic false — the code is not authentic	Boolean	Yes
productGroup	Code product group identifier	Integer	No

Example of a response:



```
[
  {
    "code": "0103077972920015217C6QHq9LqbNxs\u001d91ZmUn\u001d924ZsjFmdpR
    DAxQmZmc2VqWmFpRFZrZWFEQmxDef4lhAc=",
    "verified": true,
    "productGroup": 7
  },
  {
    "code": "0103077972920015217Zamt8XGW94Pi\u001d91=3Or\u001d92IcvfwmFKSk
    5OTEwxMHVIWWdiSIQwWXRnK0hEZNMMwHA=",
    "verified": true,
    "productGroup": 7
  },
  {
    "code": "0103077972920039217m\"GN*'nP)kCJWu.42js\u001d91wd9v\u001d92vfNd
    TXAydDgtdU1MMWV1RVEwT2RJS0k4NnNUVjBCclQ=",
    "verified": true,
    "productGroup": 18
  },
  {
    "code": "0103077972920046217A*FXmT\u001d93Mvp1",
    "verified": true,
    "productGroup": 11
  },
  {
    "code": "0113077972920043217DkDcfb:?sZxK\u001d93Ejf?",
    "verified": false,
    "productGroup": null
  },
  {
    "code": "046400300955377bePLC4DT0lgreN",
    "verified": true,
    "productGroup": 3
  }
]
```

10 METHODS FOR PRODUCT DESCRIPTIONS

The methods operate only with published and blocked product cards. Search is performed exclusively among product descriptions accessible to the sender according to their data access level.

10.1 Find List of Product Descriptions

The method is intended to retrieve a list of published and blocked product descriptions based on the provided filtering parameters. If optional filter parameters are not specified, all product cards found within the specified Product Group (PG) will be returned.

10.1.1 Request

General description of the request:

URL	https://{server}/public/api/v1/product-registry/product
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required
productGroup	Product Group Alias (see reference guide)	String	Yes
inn	Applicant's TIN. The search is performed by exact match, provided the requester has access to product cards of other applicants.	String	No
gtin	Product Code (GTIN) The search is performed by exact match. The GTIN must be transmitted with leading zeros (if present).	String	No
status	Product Description (Card) Status (see reference guide)	String	No
tnved	Commodity classifier code (TN VED). The search is performed by exact match.	String	No
updatedAtFrom	Date of the last product description update (UTC). Start of the period ("From").	String (date-time)	No
updatedAtTo	Date of the last product description update (UTC). End of the period ("To"), inclusive. If not specified, it is not considered during the search.	String (date-time)	No

packageType	Type of packaging (see reference).	String	No
-------------	------------------------------------	--------	----

Example of a Request:

```
GET https://{server}/public/api/v1/product-registry/product?productGroup=pharma&status=PUBLISHED&packageType=UNIT&t
nved=3006600001
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

10.1.2 Response to request

Response parameters:

Parameter	Description	Type	Required
id	Unique identifier of the product description.	String	Yes
gtin	Product code (GTIN).	String	Yes
productName	Product name in system-supported languages. Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language.	Object	Yes
inn	Applicant's TIN for the product description.	String	Yes
productGroup	Product Group description.	Object	Yes
*code	Value of the Product Group parameter (see reference guide).	String	Yes
*name	Product Group name in system-supported languages. Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language.	Object	Yes
productCategory	Product Category description.	Object	Yes
*code	Value of the Product Category parameter.	String	Yes
*name	Product Category name in system-supported languages.	Object	Yes



	Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language		
tnved	TN VED code description.	Object	Yes
*code	Value of the TN VED code parameter.	String	Yes
*name	TN VED name in system-supported languages. Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language.	Object	Yes
packageType	Description of the packaging type.	Object	Yes
*code	Value of the packaging type parameter.	String	Yes
*name	Packaging type name in system-supported languages. Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language.	Object	Yes
status	Description of the product card status		Yes
*code	Value of the localized product description status parameter.	String	
*name	Product card status name in system-supported languages. Note: Returned as an object containing key:value pairs, where key is the language code and value is the parameter value in the specified language.	Object	Yes
createdAt	Date of product card creation in UTC.	String (date-time)	Yes
updatedAt	Date of product card creation or last update in UTC.	String (date-time)	No

Example of a response to a request:



```
[
  {
    "id": "c89347c1-0028-4e25-a994-a9fdbf3f37fb",
    "gtin": "03077972920091",
    "productName": {
      "ru": "Лекарство Тестовая карточка 2 (Лекарственные препараты (кроме товарных позиций 3003 и 3004))",
      "uz": "Лекарство Тестовая карточка 2 (Лекарственные препараты (кроме товарных позиций 3003 и 3004))"
    },
    "inn": "307797292",
    "productGroup": {
      "code": "pharma",
      "name": {
        "en": "Medicines",
        "ru": "Лекарственные средства",
        "uz": "Dori vositalari va tibbiy buyumlar"
      }
    },
    "productCategory": {
      "code": "category_pharma_other",
      "name": {
        "en": "Medicines (except for headings 3003 and 3004)",
        "ru": "Лекарственные препараты (кроме товарных позиций 3003 и 3004)",
        "uz": "Dori vositalar (3003 va 3004 tovar pozitsiyalar tashqari)"
      }
    },
    "tnved": {
      "code": "3006600001",
      "name": {
        "en": "Chemical contraceptive products based on hormones or other compounds of heading 2937, packaged for retail sale",
        "ru": "Средства химические контрацептивные на основе гормонов или прочих соединений товарной позиции 2937, расфасованные для розничной продажи",
        "uz": "Gormonlar, 2937-tovar pozitsiyasining boshqa birikmalari asosida kimyoviy kontratseptiv vositalar, chakana savdo-sotiq uchun qadoqlangan"
      }
    },
    "packageType": {
      "code": "UNIT",
      "name": {
        "en": "Product unit",
        "ru": "Единица товара",
        "uz": "Iste'mol qadog"
      }
    }
  },
]
```



```

    "status": {
      "code": "PUBLISHED",
      "name": {
        "en": "Published",
        "ru": "Опубликован",
        "uz": "Nashr etilgan"
      }
    },
    "createdAt": "2025-09-29T08:55:40.316Z",
    "updatedAt": "2025-09-29T09:08:19.489Z"
  }
]

```

10.2 Find Product Descriptions by GTIN

This method allows obtaining a list of product descriptions with the specified GTIN. The search is performed only among published and blocked product descriptions (cards) that are available to the sender according to their access level.

10.2.1 Request

General description of the request:

URL	https://{server}/public/api/v1/product-registry/product/search-by-gtin
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
gtin	Product code (GTIN). The search is performed by the full GTIN number provided in the request.	String	Yes
productGroup	Product group (see reference).	String	No
status	Status of the product description (card) (see reference).	String	No
limit	Maximum number of records returned in response (default: 100).	Integer	No
offset	Number of skipped records before the beginning of the selection (default: 0).	Integer	No

Example of a request:

```
GET https://{server}/public/api/v1/product-registry/product/search-by-gtin?gtin=01234578112233&productGroup=alcohol&status=PUBLISHED&limit=10
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

10.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
hasNextPage	Indicates if there is a next page of data when searching with specified filters and limit.	boolean	Yes
products	Array of found product descriptions. The maximum array size is limited by the request.limit parameter.	Array of Strings	Yes
*gtin	GTIN code.	String	Yes
*id	Unique identifier of the product description.	String	Yes
*inn	Taxpayer Identification Number (TIN) of the applicant for the product description.	String	Yes
*participantName	Name of the applicant participant for the product description in system languages. Returned as an object with key:value pairs, where <key> = language code (ISO Alpha-2), <value> = applicant's name in the specified language.	Object	Yes
**additionalProperties	Indicator of completeness of the product description in system languages. Returned as an object with key:value pairs, where <key> = language code (ISO Alpha-2), <value> = boolean, indicating completeness for the given language (from the list of system languages).	boolean	Yes
*languagesComplete	List of languages in which the product description is completed. As key-value pairs (<key> = ISO Alpha-2 language code, <value> = name).	Object	Yes
*packageType	Value of the localized parameter "Package Type".	Object	Yes
**name	Name of the parameter in system languages. As key-value pairs (<key> = ISO Alpha-2 language code, <value> = name).	Object	Yes
**value	Symbolic code of the parameter value.	String	Yes

*pg	Value of the localized parameter "Product Group".	Object	Yes
**name	Name of the parameter in system languages. As key–value pairs (<key> = ISO Alpha-2 language code, <value> = name).	Object	Yes
**value	Symbolic code of the parameter value.	String	Yes
*productCategory	Value of the localized parameter Product Description Category.	Object	Yes
**name	Name in system languages. As key–value pairs (<key> = ISO Alpha-2 language code, <value> = name).	Object	Yes
**value	Symbolic code of the parameter value.	String	Yes
**additionalProperties	Additional properties of the product description.	String	Yes
*tnved	TN VED(HS CODE) classifier code (Customs Union Nomenclature of Foreign Economic Activity).		Yes
*status	Value of the localized parameter Product Description Status.	Object	Yes
**name	Name in system languages. As key–value pairs (<key> = ISO Alpha-2 language code, <value> = name).	Object	Yes
**value	Symbolic code of the parameter value.	String	Yes

Example of a response to a request:

```
{
  "products": [
    {
      "id": "a1235028-e4a5-4029-a808-fc4c1f9771ac",
      "gtin": "01234578112233",
      "tnved": "2206003100",
      "productName": {
        "ru": "Водка тест",
        "uz": "Vadka test"
      },
      "inn": "307966715",
      "participantName": {
        "ru": "ООО \"ASLSCANNER\"",
        "uz": "\"ASLSCANNER\" MCHJ",
        "en": "\"ASLSCANNER\" LLC"
      },
      "pg": {
        "name": {
          "en": "Alcoholic products",
          "ru": "Алкогoльная продукция",

```



```
        "uz": "Alcogol mahsulotlar"
      },
      "value": "alcohol"
    },
    "productCategory": {
      "name": {
        "en": "Fermented drinks and mixed drinks containing alcohol",
        "ru": "Напитки ферментированные и смеси из напитков,
содержащие алкоголь",
        "uz": "Fermentlangan ichimliklar va spirtli ichimliklarni o'z ichiga olgan
aralash ichimliklar"
      },
      "value": "category_alcohol_fermented"
    },
    "packageType": {
      "name": {
        "en": "Product unit",
        "ru": "Единица товара",
        "uz": "Iste'mol qadog"
      },
      "value": "unit"
    },
    "status": {
      "name": {
        "en": "Published",
        "ru": "Опубликован",
        "uz": "Nashr etilgan"
      },
      "value": "PUBLISHED"
    },
    "languagesComplete": {
      "ru": true,
      "uz": true,
      "en": false
    }
  }
],
"hasNextPage": false
}
```

10.3 Retrieve Product Description by Card Identifier (productId)

This method is intended to retrieve complete details of a single product description instance by its identifier..

10.3.1 Request

General description of the request:

URL	https://{server}/public/api/v1/product-registry/product/id
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (path):

Parameter	Description	Type	Required
id	Product Description Identifier	String	Yes

Example of a request:

```
GET https://{server}/public/api/v1/product-registry/product/c89347c1-0028-4e25-
a994-a9fdbf3f37fb
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

10.3.2 Response to request

Response parameters:

Parameter	Description	Type	Required
id	Unique identifier of the product description	String	Yes
gtin	Product code (GTIN)	String	Yes
inn	Taxpayer Identification Number (TIN) of the product description applicant	String	Yes
productGroup	Product Group Description	Object	Yes
*code	Product group parameter value (see reference list)	String	Yes
*name	Product group name in system languages. Returned as a key-value object where: key = language code value = name in that language	Object	Yes
productCategory	Product Category Description	Object	Yes
*code	Product category parameter value	String	Yes
*name	Product category name in system languages (key = language code, value = name)	Object	Yes
tnved	TN VED Code Description	Object	Yes
*code	TN VED code value	String	Yes



*name	TN VED name in system languages (key = language code, value = name)	Object	Yes
packageType	Package Type Description	Object	Yes
*code	Package type parameter value	String	Yes
*name	Package Type Name (Localized) Returned as an object with key-value pairs: key = language code value = name of the package type in that language	Object	Yes
status	Product Description Status	Object	Yes
*code	Product Description Status Code	String	
*name	Product Description Status Name (Localized). Returned as an object with key-value pairs: key = language code value = name of the status in that language	Object	Yes
scope	Type of the product description (see reference list)	String	Yes
createdAt	Product card creation date in UTC (ISO 8601 format)	String (date-time)	Yes
updatedAt	Product card creation or last update date in UTC (ISO 8601 format)	String (date-time)	No
attributes	List of product description attributes	Object	Yes
*meta	Attribute metadata	Object	Yes
**code	Attribute code	String	Yes
**name	Attribute name in system languages. Returned as a key-value object where: key = language code value = name in that language	Object	Yes
**type	Attribute type	String	Yes
*value	Attribute value. Data type and format depend on the attribute type		Yes
*unit	Additional entity description	Object	No
**code	Symbolic code of the entity	String	Yes
**name	Entity name in system languages. Returned as a key-value object where:	Object	



	- key = language code name in that language	- value =		Yes
--	--	-----------	--	-----

Example of a response to a request:



```
{
  "id": "c89347c1-0028-4e25-a994-a9fdbf3f37fb",
  "gtin": "03077972920091",
  "tnved": {
    "code": "3006600001",
    "name": {
      "en": "Chemical contraceptive products based on hormones or other
compounds of heading 2937, packaged for retail sale",
      "ru": "Средства химические контрацептивные на основе гормонов или
прочих соединений товарной позиции 2937, расфасованные для розничной
проУесжи",
      "uz": "Gormonlar, 2937-tovar pozisiyasining boshqa birikmalari asosida
kimyoviy kontratseptiv vositalar, chakana savdo-sotiq uchun qadoqlangan"
    }
  },
  "inn": "307797292",
  "productGroup": {
    "code": "pharma",
    "name": {
      "en": "Medicines",
      "ru": "Лекарственные средства",
      "uz": "Dori vositalari va tibbiy buyumlar"
    }
  },
  "productCategory": {
    "code": "category_pharma_other",
    "name": {
      "en": "Medicines (except for headings 3003 and 3004)",
      "ru": "Лекарственные препараты (кроме товарных позиций 3003 и
3004)",
      "uz": "Dori vositalar (3003 va 3004 tovar pozitsiyalar tashqari)"
    }
  },
  "packageType": {
    "code": "UNIT",
    "name": {
      "en": "Product unit",
      "ru": "Единица товара",
      "uz": "Iste'mol qadog"
    }
  },
  "status": {
    "code": "PUBLISHED",
    "name": {
      "en": "Published",
      "ru": "Опубликован",
      "uz": "Nashr etilgan"
    }
  }
}
```



```

},
"scope": "GLOBAL",
"createdAt": "2025-09-29T08:55:40.316Z",
"updatedAt": "2025-09-29T09:08:19.489Z",
"attributes": [
  {
    "meta": {
      "code": "scp_code",
      "name": {
        "en": "SCP code",
        "ru": "Код СКП",
        "uz": "MST kodi"
      },
    },
    "type": "ENUM"
  },
  {
    "value": {
      "en": "20.42.15.0 - Skin care products, protective products, including sunscreens or sunscreens, not included in other groups (except for medicinal products)",
      "ru": "20.42.15.0 - Средства для ухода за кожей, защитные средства, включая средства для или от загара, не включенные в другие группировки (кроме лекарственных препаратов)",
      "uz": "20.42.15.0 - Boshqa guruhlarga kiritilmagan terini parvarishlash uchun vositalar, himoyalash vositalari, jumladan oftobda qorayishdan saqlovchi yoki qorayish uchun vositalar (dori preparatlaridan tashqari)"
    },
    "unit": null
  } // ...
]
}

```

10.4 Retrieve File Attached to Product Description

This method is intended to retrieve a file attached to a product description. It only works with files from published and blocked product cards that are accessible to the sender of the request.

10.4.1 Request

General description of the request:

URL	https://{server}/public/api/v1/product-registry/file/id
Method	GET
Content-Type	image/jpeg
Authorization	Bearer token

Request parameters (path):

Parameter	Description	Type	Required
-----------	-------------	------	----------



id	Unique File Identifier Equal to the value of the attribute with type FILE_LIST from the requested product description.	String	Yes
----	---	--------	-----

Example of a request:

```
GET https://{server}/public/api/v1/product-registry/file/2602bd0b-937c-4234-80c1-1d34ff50dc19
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11 METHODS FOR WORKING WITH DOCUMENTS

The methods for working with documents are used for the following purposes:

- Getting a list of documents and/or searching for documents registered in the marking system by SCP or Service Provider (SP);
- Obtaining general information on a registered document (document header);
- Obtaining the content of a registered document (document body) in binary form;
- Obtaining a list of errors that occurred when processing documents.

11.1 Receive the processing status of the MC application report

This method is planned for revision.

To check the status of a Marking Application Report, it is recommended to use the API method: `public/api/v1/doc/storage/docs/{documentId}`

11.1.1 Request

General description of the request:

URL	<code>https://{server}/api/utilisation/{reportId}</code>
Method	GET
Content-Type	<code>application/json; charset=UTF-8</code>
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
reportId	MC application report identifier	String	Yes

Example of a request:

```
GET https://{server}/api/utilisation/0e29dd26-5477-486f-43d4-1208597ca8e4
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
reportId	MC application report identifier	String	Yes
reportStatus	Report status (see reference)	String	Yes
rejectReason	Reason for rejection of the report	Array of Strings	No

createdTimestamp	Date and time of report registration according to ISO 8601	String	Yes
------------------	--	--------	-----

Example of a response to a request:

```
{
  "reportId": "0e13a80e-fae7-4de5-5326-e14fb2798be1",
  "reportStatus": "SUCCESS",
  "createdTimestamp": "2025-01-07T12:06:30.422Z"
}
```

11.2 Get a list of documents

- The SCP may request:
- information on the results of processing a particular document (by the registered document identifier);
- list of documents registered by it and their brief description (by different filtering parameters).

11.2.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/storage/docs/search
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (query):

Parameter	Description	Type	Required.
documentId	Document ID	String	No
productGroups	Product groups	Array of Strings	No
status	Document statuses	Array of Strings	No
types	Types of documents	Array of Strings	No
dateFrom	The date of registration of the document accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00' Note. Records created from the specified date/time (inclusive), to date/time dateTo (if specified) or to the	String	No



	current system date/time (if dateTo is not specified) are returned		
dateTo	The date of registration of the document in accordance with ISO 8601. Example: '2011-12-03T10:15:30Z' or '2011-12-03T10:15:30+01:00' Note. When the parameter is applied, records created before the date/time specified in this parameter (from dateFrom) are shown. If not specified, the end date/time is taken to be the date/time before the current system date/time If dateTo < dateFrom, an error is returned on the request	String	No
limit	Limit of returned rows per page (default 100).	Integer	No
cursor	Cursor identifier. It is used to organize page-by-page data display. Note. To get the next page (bundle) of records, the ID of the last document on the previous page (bundle) of records is specified.	String	No

Example of a request:

```
GET
https://{server}/public/api/v1/doc/storage/docs/search?types=UTILISATION&dateFrom=2025-01-10T10%3A15%3A30Z&dateTo=2025-01-16T10%3A00%3A00Z
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.2.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentInfos	Array of documents matching the specified search (filtering) parameters	Array of objects	Yes
*documentId	Document ID	String	Yes
*type	Type of operation	String	Yes
*status	Status of the document	String	Yes
*createDate	Date and time of document registration according to ISO 8601	String	Yes

Example of a response to a request:

```
{
  "documentInfos": [
    {
      "documentId": "0e277565-4f07-45f1-602f-2e3bac7e7c3d",
      "type": "UTILISATION",
      "status": "SUCCESS",
      "createDate": "2025-01-15T13:38:34.825092Z"
    },
    {
      "documentId": "0e27734c-a6ac-44d6-5c12-353d730d878e",
      "type": "UTILISATION",
      "status": "ERROR",
      "createDate": "2025-01-15T13:33:46.709215Z"
    }
  ]
}
```

11.3 Get the main parameters of the document

Obtaining the basic parameters of the document.

11.3.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/storage/docs/{documentId}
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
documentId	Document ID	String	Yes

Example of a request:

```
GET https://{server}/public/api/v1/doc/storage/docs/0e330748-7ee0-4067-4856-1072cdfbed8d
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.3.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentInfos	Information about the document	Object	Yes
*documentId	Document ID	String	Yes

*status	Status of the document	String	Yes
*createDate	Date and time of document registration according to ISO 8601	String	Yes
*type	Type of operation	String	Yes
*originalDocId	Source (external) document identifier (used in invoices)	String	No
*documentNumber	Number of the original document, for example, the customs declaration	String	No
*productGroup	Product group	String	No

Example of a response to a request:

```
{
  "documentId": "0e330748-7ee0-4067-4856-1072cdfbed8d",
  "type": "ORDER",
  "status": "SUCCESS",
  "createDate": "2025-01-20T06:43:13.536Z",
  "originalDocId": null,
  "productGroup": "vegetableoil"
}
```

11.4 Retrieve the content of the document

Receive a document (json) registered by the system.

11.4.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/storage/json/{documentId}
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
documentId	Document ID	String	Yes

Example of a request:

```
GET https://{server}/public/api/v1/doc/storage/json/0e534f23-0c42-4118-4e32-5ef2d04dc555
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.4.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
	Source document	Object	Yes

Example of a response to a request:

```
{
  "sntins": ["010489921512237121U&U1+<cfOUoZf93UehU",
    "010489921512237121Uhgr>kO42*S<<93f7PE"
  ],
  "businessPlaceId": 27,
  "productionOrderId": "56-43",
  "releaseType": "PRODUCTION",
  "productionDate": "2025-01-01T08:45:02Z",
  "expirationDate": "2028-01-01T00:00:00+00:00",
  "seriesNumber": "FINLK2111111111111111"
}
```

11.5 Get a list of document errors

Get the content of a registered document in JSON format.

11.5.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/storage/errors/{documentId}
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
documentId	Document ID	String	Yes

Query parameters (query):

Parameter	Description	Type	Required.
propertyName	Parameter by which the error list is returned (see the reference book)	String	No
limit	Limit the number of records in the response (default is 30000)	Integer	Yes
lastIndex	Cursor identifier. It is used to organize page-by-page data display.	Integer	No



Note. To get the next page (bundle) of records, the identifier (number) of the last line on the previous page (bundle) of records is specified.

Example of a request:

```
GET https://{server}/public/api/v1/doc/storage/errors/0e2c340d-353f-48e1-644e-435c53074421
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.5.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
documentErrors	document error list	Array of Objects	Yes
*propertyName	Check parameter for which an error was detected	String	No
*index	Order number of error (line)	Integer	No
*errorCode	Code of detected error	String	No
*errorTags	Description of the detected error	Object	No

Example of a response to a request:

```
{
  "documentErrors": [
    {
      "propertyName": "CODE",
      "index": 0,
      "errorCode": "invalid-code-status",
      "errorTags": {
        "status": "INTRODUCED"
      }
    },
    {
      "propertyName": "CODE",
      "index": 1,
      "errorCode": "invalid-code-status",
      "errorTags": {
        "status": "INTRODUCED"
      }
    }
  ]
}
```

11.6 Retrieve Processing Status of Codes from Document

The codes in the document may be processed with one of the following states:

- **SUCCESS** — The code was processed successfully.
- **WARNING** — The code was processed with warnings. Example: The code has an event such as “Ownership Change,” but the actual owner was not updated.
- **ERROR** — The code was processed with errors. Example: The code was not found or does not belong to the Supply Chain Participant.

For statuses **WARNING** and **ERROR**, an additional field result is returned, which contains the reason code explaining the warning or error.

11.6.1 Request

General description of the request:

URL	https://{server}/public/api/v1/doc/storage/docs/documentId/codes
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Request parameters (path):

Parameter	Description	Type	Required
documentId	Identifier of the document.	String	Yes

Query parameters (query):

Parameter	Description	Type	Required
limit	Maximum number of records to return in the response (see system limits and configuration)	Integer	No
lastIndex	Index of the last code retrieved in the previous batch (cursor). Used to implement paginated access to the list of codes. Note. For code lists, this is the key of the last record (the code index) from the previous page.	Integer	No

Example of a request:



```
GET https://{server}/public/api/v1/doc/storage/docs/1063979d-fd14-4e1f-61d7-4239ed11ca06/codes
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

11.6.2 Response to request

Response parameters:

Parameter	Description	Type	Required
index	Index of the code within the document	Integer	Yes
code	Identification code	String	Yes
state	Processing status of the code in the document. Possible values: - ERROR (Processing failed); - WARNING (Processed with warnings); - SUCCESS (Successfully processed)	String	Yes
result	Reason code for the warning or error. Not returned for SUCCESS status	String	No

Example of a response to a request:



```
[
  {
    "index": 0,
    "code": "010307797292003921UMudP(0jo0a>NFllK>=X",
    "state": "SUCCESS"
  },
  {
    "index": 1,
    "code": "0103077972920039217:rqDjrY-2h!b&!urA",
    "state": "ERROR",
    "result": "code-not-found"
  },
  {
    "index": 2,
    "code": "010307797292004621U\"7JK)%",
    "state": "WARNING",
    "result": "EXTENDED_STATUS_EXISTS"
  },
  {
    "index": 3,
    "code": "011307797292004321U\"YGNRa/t2K%&",
    "state": "SUCCESS"
  },
  {
    "index": 4,
    "code": "0113077972920043217%E&8-3V&foRK",
    "state": "WARNING",
    "result": "EMPTY_PACKAGE_COMPOSITION"
  }
]
```

12 OTHER METHODS

12.1 Verify Contractor Status

By TIN (Taxpayer Identification Number) / PINFL (Personal Identification Number), you can obtain information whether the participant is fully registered in the system as an SCP, and what product groups are assigned to this SCP.

If the participant is not found in the system — an empty response is returned.

12.1.1 Request

General description of the request:

URL	https://{server}/public/api/v1/party/parties/tin/status
Method	GET
Content-Type	application/json;charset=UTF-8
Authorization	Bearer token

Query parameters (path)

Parameter	Description	Type	Required.
tin	TIN of the checked participant (SCP)	String	Yes

Example of a request:

```
GET https://{server}/public/api/v1/party/parties/307797292/status
Authorization: Bearer c09d906f-XXXX-4ae5-XXXX-61c0934bcd59
```

12.1.2 Response to request

Response Parameters:

Parameter	Description	Type	Required.
tin	TIN of the participant (SCP)	String	No
name	Short name of the SCP in all system languages	Object	No
fullName	Full name of the SCP in all system languages	Object	No
productGroups	Product groups assigned to the SCP	Array of Strings	No

Example of a response to a request:



```
{
  "tin": "307797292",
  "name": {
    "en": "\"ROMASHKA\" LLC",
    "ru": "ООО \"ROMASHKA\"",
    "uz": "\"ROMASHKA\" MCHJ"
  },
  "fullName": {
    "en": "\"ROMASHKA\" LIMITED LIABILITY COMPANY",
    "ru": "\"ООО ROMASHKA\" ОБЩЕСТВО С ОГРАНИЧЕННОЙ  
ОТВЕТСТВЕННОСТЬЮ ",
    "uz": "\"ROMASHKA\" MAS'ULIYATI CHEKLANGAN JAMIYAT"
  },
  "productGroups": [
    "alcohol",
    "appliances",
    "pharma",
    "medicals",
    "beer",
    "antiseptic",
    "water",
    "tobacco",
    "bio",
    "fertilizers",
    "vegetableoil"
  ]
}
```

13 REFERENCE

13.1 Reference «ProductGroup» (productGroup)

Value	Description
vegetableoil	Food oil and fat products
bio	Dietary supplements
tobacco	Tobacco products
alcohol	Alcoholic products
beer	Beer and beer drinks
pharma	Medicines
water	Water and soft drinks
medicals	Medical devices
appliances	Household appliances
antiseptic	Alcohol-containing non-food products
fertilizers	Mineral fertilizers and agents for plant protection

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.2 Reference «Marking Purpose» (releaseMethodType)

Value	Description
PRIMARY	Primary marking (production or import)
REMAINS	Marking of leftover goods
COMISSION	Marking for commission trade, including goods previously in use
REMARK	Re-marking (repeated marking)

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.3 Reference «Method of Goods Release into Circulation» (releaseType)

Value	Description
PRODUCTION	Locally produced goods
IMPORT	Imported goods
CIRCULATION	Goods without a country of origin

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.4 Reference «Method of Forming Package Serial Number» (serialNumberType)

Value	Description
SELF_MADE	Manual entry (serial numbers specified by the Economic Entity when registering a request for KM issuance)
OPERATOR	Automatic (serial numbers generated by the marking system when registering a request for KM issuance)

13.5 Reference «MC Emission Order Status» (status)

Value	Description
CREATED	Created
PENDING	Pending
READY	Ready
REJECTED	Rejected
CLOSED	Closed
OUTSOURCED	Transferred to service provider (SP received KMs)

13.6 Reference «Sub-order Status» (bufferStatus)

Value	Description
PENDING	Pending
ACTIVE	Active/Ready
EXHAUSTED	Exhausted
REJECTED	Rejected
CLOSED	Closed

13.7 Reference «Report Status» (reportStatus)

Value	Description
IN_PROCESS	Being processed
SUCCESS	Successfully processed
ERROR	Rejected (errors detected)

13.8 Reference «Document Statuses» (documentStatus)

Value	Description
CREATED	Created
VALIDATING	Under validation
IN_PROCESS	Being processed
PARTIALLY_PROCESSED	Partially processed (one or several code operations were rejected)
SUCCESS	Fully processed (all code operations completed successfully)
ERROR	Rejected (operations on codes were not executed)

13.9 Reference «Report Type» (reportType)

Value	Description
VALIDATION	Report on the quality of printing (validation) of digital identification means
UTILISATION	Report on the application (utilisation) of marking codes
AGGREGATION	Report on the aggregation of marked goods

13.10 Reference «Confirmation statuses» (confirmationStatuses)

Значение	Расшифровка
AWAITING_CONFIRMATION	Request for KM transfer awaiting confirmation
REVOKED	Request for KM was not reviewed within the established time frame.
CONFIRMED	Request for KM transfer confirmed
REJECTED	Request for KM transfer rejected

13.11 Reference «Resolution status» (resolution)

Значение	Расшифровка
CONFIRMED	Request for KM transfer confirmed
REJECTED	Request for KM transfer rejected

13.12 Reference «Document Type» (documentType)

Value	Description
WITHDRAWAL	Withdrawal from circulation
SALES_RECEIPT	Sales receipt
REFUND_RECEIPT	Refund receipt
AGGREGATION	Aggregation
UTILISATION	Application
IMPORT	Import
VALIDATION	Quality assessment of printing (validation)
TYPOGRAPHIC	Typographic aggregation
ORDER	Order for KM emission
ORIGINAL_INVOICE	Standard invoice
ADDITIONAL_INVOICE	Additional invoice
CORRECTED_INVOICE	Corrected invoice
CANCELLED_INVOICE	Cancelled invoice

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.13 Reference «Package Type» (cisType and packageType)

Value	Description
UNIT	Consumer package
GROUP	Group package
SET	Set
BOX_LV_1	Transport package, level 1
BOX_LV_2	Transport package, level 2

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.14 Reference «MC Template» (template)

Value	Description
TOBACCO	GS1 code, contains an 8-character check code
GS1_AISTR_SHORT	GS1 code, contains a 4- or 8-character check code
GS1_AISTR_ASYM_SHORT	GS1 code, contains a 44-character key and check code
GS1_AISTR	GS1 code, contains an 88-character key and check code
SSCC	SSCC code (20 digits starting with 00)
CUSTOM	User-defined composition of symbols

13.15 Reference «MC Status» (status)

Value	Description
RECEIVED	RECEIVED
APPLIED	APPLIED
INTRODUCED	INTRODUCED
WITHDRAWN	WITHDRAWN
WRITTEN_OFF	WRITTEN_OFF

13.16 Reference «Purpose of Marking» (emissionType)

Value	Description
PRIMARY	Primary marking (production or import)
REMAINS	Marking of stock balances
COMISSION	Commission trade marking, including marking of goods previously in use
REMARK	Re-marking (repeated marking)
EXTERNAL	Recognition of KM
SHIPPING	Transportation of goods
CUSTOMS	Customs clearance

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.17 Reference «Method of Product Release into Circulation» (originalReleaseMethod)

Value	Description
PRODUCTION	Locally produced goods
IMPORT	Imported goods
CIRCULATION	Goods without country of origin

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.18 Reference «Extended MC Status» (extendedStatus)

Value	Description
CUSTOMS_ISSUED	Issued by the customs authority
CUSTOMS_ACCEPTED	Under customs control
INSERT_INTO_ACC	Included in AIC code
ACC_AGGREGATED	AIC code generated
ACC_DISAGGREGATED	Aggregated import code disbanded
WAIT_SHIPMENT	Awaiting acceptance confirmation
CONNECTED	Linked code exists

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.19 Reference «Event Type» (eventType)

Value	Description
USAGE	Issuance of marking code
UTILISATION	Application
VALIDATION	Print quality validation
PAYMENT	Payment
CHANGE_PARENT	Description
UPDATE_CHILDREN	Change of parent code
INTRODUCTION	Update of nested codes
WITHDRAW	Release into circulation
RETURN	Sale to customer
OWNER_CHANGE	Return from customer
ENROLLMENT	Change of owner
WRITE_OFF	Registration of the marking code
OWNER_RETURN	Write-off
REVERSAL	Return to owner
CUSTOMS_CONTROL	Reversal (cancellation of operation)
CUSTOMS_REFUSAL	Placement under customs control

13.20 Reference «Withdrawal Reason» (withdrawalReason)

Value	Description
DEFECT	Errors admitted during product marking
SAMPLES	Samples
OTHER	Other
PRODUCTION_USE	Products used for the enterprise's own needs
EXPIRATION	Product shelf life expired

Value	Description
CONFISCATION	Products confiscated
PRODUCT_RECALL	Product recall from the market
COMPLAINTS	Complaints
LOSS	Loss
DESTRUCTION	Destruction / Disposal
RETAIL	Retail sale
EXPORT	Export of products
RETURN	Product return from the customer (defects or other reasons)
DISTANCE	Distance sale
FREE_PRESCRIPTION	Dispensing by free prescription
MEDICAL_PURPOSE	Use for medical purposes
PACKING	Packaging
RECEIPT_SALE	Sale by receipt
AUTO_DISAGGREGATED	Sale of products from disaggregated packaging
RECEIPT_SALE_HORECA	Sale by receipt in HoReCa sector

* The values of the reference (dictionary) may be limited by the stand (environment) settings

13.21 Reference «Return Reason» (returnReason)

Value	Description
RETAIL_RETURN	Return from retail sale
RECEIPT_RETURN	Return by receipt
PRODUCTION_USE_RETURN	Return of products withdrawn from circulation for production purposes
OWN_USE_RETURN	Return of products withdrawn from circulation for own needs
NOT_FOR_SALE_RETURN	Return of products purchased by a customer not intended for resale
RECEIPT_RETURN_HORECA	Return by receipt in HoReCa sector

13.22 Reference «Package Composition Change Type» (packageChangeType)

Value	Description
PACKING	Insertion
REMOVING	Removal

13.23 Reference «Status of Application for the Formation of MC List» (exports/status)

Value	Description
CREATED	The application has been registered and is awaiting processing
IN_PROCESSING	The application is being processed
SUCCESS	The application has been successfully processed (the KM list is available for download)
ERROR	An error occurred during application processing
EXPIRED	The application has expired (the KM list has been deleted after the storage period expired)

13.24 Reference «Product(card) Description Status» (status)

Value	Description
PUBLISHED	Published
BLOCKED	Blocked

13.25 Reference «Product(card) Description Scope» (scope)

Value	Description
LOCAL	Barcode registered in the Republic of Uzbekistan
GLOBAL	International barcode (registered outside the Republic of Uzbekistan)
TECHNICAL	Temporary/system barcode

13.26 Reference «Print Quality Class» (printQualityClass)

Letter Code	Quality Class	Description of Quality Class
A	4	Highest quality class, ensures maximum readability in case of damage
B	3	Good quality class, ensures scanning in case of damage
C	2	Satisfactory quality class, ensures scanning in the absence of damage
D	1	Unacceptable quality class, does not ensure reliable scanning even in the absence of damage
F	0	Quality class corresponding to defective printing

13.27 Reference «Additional Unit of Measurement» (additionalUnit)

Code	Symbol	Name
796	pcs.	Piece
798	1000 pcs.	Thousand pieces

112	L	Liter
831	L 100% alcohol	Liter of pure alcohol

13.28 Reference «Country Code» (countryCode)

Value	Description
AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AX	Åland Islands
AZ	Azerbaijan
BA	Bosnia and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BL	Saint Barthélemy
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia, Plurinational State of
BQ	Bonaire, Sint Eustatius and Saba
BR	Brazil
BS	Bahamas
BT	Bhutan



BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CD	Congo, Democratic Republic of the
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Côte d'Ivoire
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CU	Cuba
CV	Cabo Verde
CW	Curaçao
CX	Christmas Island
CY	Cyprus
CZ	Czechia
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
EU	European Union
FI	Finland



FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia, Federated States of
FO	Faroe Islands
FR	France
GA	Gabon
GB	United Kingdom
GD	Grenada
GE	Georgia
GF	French Guiana
GG	Guernsey
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	South Georgia and the South Sandwich Islands
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard Island and McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IM	Isle of Man
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran, Islamic Republic of



IS	Iceland
IT	Italy
JE	Jersey
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros
KN	Saint Kitts and Nevis
KP	Korea, Democratic People's Republic of
KR	Korea, Republic of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People's Democratic Republic
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldova, Republic of
ME	Montenegro
MF	Saint Martin (French part)
MG	Madagascar
MH	Marshall Islands
MK	North Macedonia
ML	Mali
MM	Myanmar



MN	Mongolia
MO	Macao
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn
PR	Puerto Rico
PS	Palestine, State of
PT	Portugal



PW	Palau
PY	Paraguay
QA	Qatar
RE	Réunion
RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena, Ascension and Tristan da Cunha
SI	Slovenia
SJ	Svalbard and Jan Mayen
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
SS	South Sudan
ST	Sao Tome and Principe
SV	El Salvador
SX	Sint Maarten (Dutch part)
SY	Syrian Arab Republic
SZ	Eswatini
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TL	Timor-Leste
TM	Turkmenistan



TN	Tunisia
TO	Tonga
TR	Turkey
TT	Trinidad and Tobago
TV	Tuvalu
TW	Taiwan, Province of China
TZ	Tanzania, United Republic of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VA	Holy See (Vatican City State)
VC	Saint Vincent and the Grenadines
VE	Venezuela, Bolivarian Republic of
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
VN	Viet Nam
VU	Vanuatu
WF	Wallis and Futuna
WS	Samoa
YE	Yemen
YT	Mayotte
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe