

Appendix 2. User's Guide "Order Management Station – Cloud 3.1"

ORDER MANAGEMENT STATION-CLOUD 3.1 **Special software** **Software package "Web-interface"** **Administrator Guide**

Annotation

This document "Order Management Station-Cloud 3.1 Special software Software package "Web-interface" Administrator Guide" it is intended for familiarization of persons operating information services provided by the Web Interface software package from the special software (SS) of the automated system " Order Management Station-Cloud 3.1 " (AS OMS - Cloud 3.1). The document contains a description of the user's actions with the functional roles "OMS Administrator" and "OMS Operator".

The following designations are adopted in this document:

The elements of on-screen input forms are denoted by "Field", "Button" or "Menu item";

The PC keyboard keys are denoted by [Key]. Combinations of simultaneously pressed keys are indicated by [Key1+Key2].

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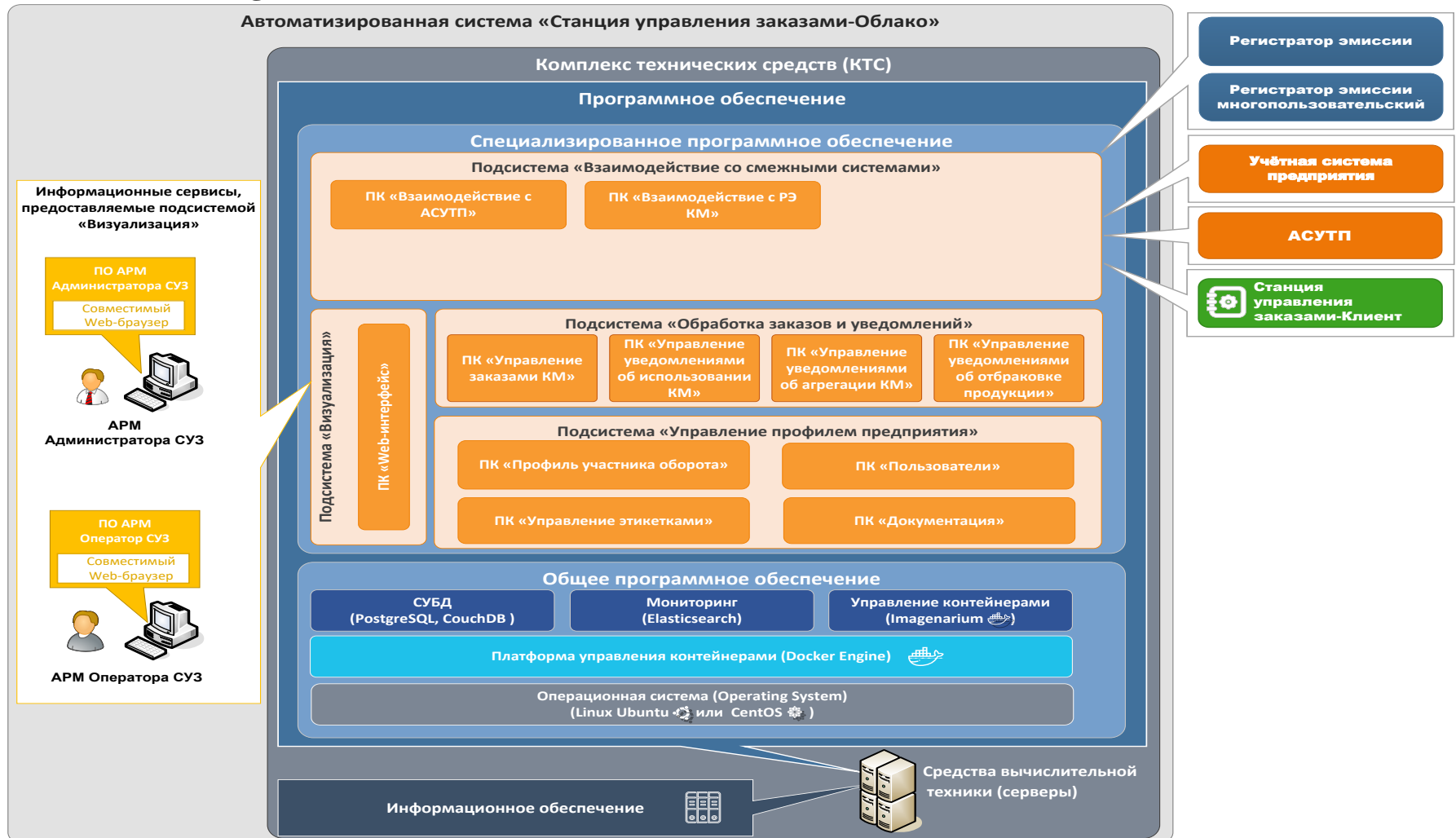
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Purpose of the program

The purpose of the special software is to ensure the performance of target functions AS OMS -Cloud 3.1, including:

- 1) Implementation of orders for the emission of MC.
- 2) Applying MC.
- 3) Verification of MC application.
- 4) Aggregation of finished, packaged products with applied identification means (SI).
- 5) Write-off of defective products.

1. Program structure



The architecture of AS OMS – cloud 3.1.

Figure 1

Figure 1 shows the architecture AS OMS -Cloud 3.1 as a set of information services and a set of technical means (including computer equipment and software and information support) designed to ensure the performance of the target functions of the system (See the section "Purpose of the program").

AS OMS -Cloud 3.1 it includes the following subsystems:

- 1) Subsystem "Visualization".
- 2) Subsystem "Processing orders and notifications".
- 3) Subsystem "Enterprise profile management".
- 4) Subsystem "Interaction with adjacent systems".

The SPO AS OMS -Cloud 3.1 includes the following components:

- 1) As part of the "Visualization" subsystem:
 - Software package "Web interface".
- 2) As part of the subsystem "Enterprise profile management":
 - The software package "Turnover participant profile".
 - The software package "Users".
 - Software package "Label management".
 - The software package "Documentation".
- 3) As part of the subsystem "Processing orders and notifications":
 - The software package "MC order management".
 - The software package "Managing notifications about MC aggregation".
 - The software package "Management of product rejection notifications".
 - The software package "Management of notifications about the use of MC".
- 4) As part of the subsystem "Interaction with adjacent systems":
 - The software package "Interaction with the automated control system".
 - The software package "Interaction with commodity group systems".
 - The software package "Interaction with RE MC".

2. PROGRAM EXECUTION CONDITIONS

2.1 Required PC characteristics

For the operation of information services provided by the PC "Web-interface" from the SSAS OMS -Cloud 3.1, the following computer equipment (CE) must be used: CE for individual use:

- The user's WORKSTATION with the functional roles "OMS Administrator" and "OMS Operator", which is a PC with characteristics that meet the recommended requirements of the Microsoft Windows operating system version 8.1 and higher, and a network adapter that provides an infocommunication channel with the CTM , AS OMS -Cloud 3.1.

2.2 Software required for the operation of the program

To operate the information services provided by the PC "Web Interface" from the SSAS OMS -Cloud 3.1, the following components of the general (GS) software are required:

- 1) Microsoft Windows operating system version 8.1 and higher;

Web -Browser:

- Mozilla Firefox version 40 and higher.
- Internet Explorer version 9 and higher.
- Google Chrome version 37 and higher.

2.3. Personnel requirements

The PDF AS OMS -Cloud 3.1 should be operated at the place of deployment of the CTM AS OMS -Cloud 3.1. Access to information services provided by the PC "Web Interface" from the SS is AS OMS -Cloud 3.1 provided using infocommunication channels connecting the Administrator's automated control system/OMS Operator with the CTM AS OMS -Cloud 3.1.

AS OMS -Cloud 3.1 Users are allowed to use the information services provided by the PC "Web Interface" from the SS AS:

- 1) having PC skills and fully mastered the graphical user interface of the Microsoft Windows operating system and the functions provided by it;
- 2) those who have Internet skills and have fully mastered the graphical user interface of one of the recommended Web -browsers;
- 3) trained to work with AS OMS -Cloud 3.1;
- 4) familiar with the purpose and basic principles of the protected infrastructure of the emission of marking codes.

A AS OMS -Cloud 3.1 role model is used to differentiate access to information services provided by the PC "Web Interface" from the SS. The competence levels of the staff should correspond to the functional roles used in the model:

- 1) "OMS Administrator"
- 2) "OMS Operator"

2.3.1. OMS Administrator/OMS Operator

OMS Operator shall have the knowledge and skills to perform the following tasks:

- 1) Formation and management of business orders.
- 2) Maintaining a list of aggregation notifications.
- 3) Maintaining a list of notifications about the withdrawal of rejected products in production.

The administrator must have the knowledge and skills to implement the following tasks:

- 1) Maintaining a list of client devices.
- 2) Maintaining a list of labels

2.4. Program execution (OMS Administrator/OMS Operator)

2.5. Downloading and launching the program

2.5.1. Launching the program

The program is loaded into the RAM of the OMS Administrator/OMS Operator in the form of JavaScript program modules when accessing information services provided by the PC "Web Interface" from the SSAS OMS -Cloud 3.1.

To access the information services of the PC "Web interface", OMS Administrator/OMS Operator shall:

- 1) Load a Web -browser into RAM using Microsoft Windows OS functions (via the OS Main Menu, using a shortcut on the OS Desktop or OS Taskbar, etc.);
- 2) Type the address in the -address bar of the Web browser <https://stage.ismet.kz> (stage)/ <https://elk.prod.markirovka.ismet.kz/login-kep> (prod).
- 3) In the on-screen authorization form that appears, select your electronic signature and log in to the MTG IS.
- 4) Select the menu item "Order Management Station" on the top panel and go to the control panel.

With the right transition, the main page of the program appears in the Web browser window (Figure 2).

The main page of the OMS has differences depending on the user's chosen role.

The OMS Operator does not have a section "Devices".

Orders

Administrator
600004363

Active

Order history

To create

Import

Actions

View

<input type="checkbox"/>	Product group	Order ID	Date of creation	Number of products	Number of SN	Status	Actions
<input type="checkbox"/>		0e4e0285-0946-49c0-8d0b-02ee293c5c1	9/28/2021, 11:25 AM	1	1	Available	
<input type="checkbox"/>		69824ce9-73b4-44ef-a728-02565c039c4	9/28/2021, 11:16 AM	1	2	Available	
<input type="checkbox"/>		b62af5c5-539f-4a26-96f6-ad1071c56c7a	9/8/2021, 4:50 PM	1	15	Available	
<input type="checkbox"/>		bee078fa-7962-470c-b272-a048960d728b	7/1/2021, 6:53 AM	1	1	Available	
<input type="checkbox"/>		d6036426-2936-498c-9c4-89e8674aebd4	6/29/2021, 12:53 PM	1	1	Available	
<input type="checkbox"/>		8b78c36-5385-4c51-8846-094385958e8a	6/29/2021, 12:41 PM	1	3	Available	
<input type="checkbox"/>		61c23f0d-4add-4478-b534-1375ead093b	6/29/2021, 11:58 AM	1	1	Available	
<input type="checkbox"/>		f64fe13d-d863-4721-91cc-b2369310fed4	6/28/2021, 5:06 PM	1	1	Available	
<input type="checkbox"/>		749d713d-87d3-48ff-b4bd-3037e0958f08	6/21/2021, 2:22 PM	1	2	Available	
<input type="checkbox"/>		4db66a39-d3be-4422-b2a7-d9f661971cee	6/21/2021, 2:18 PM	1	5	Available	

Total orders: 10 Of these - Signed: 0 Not signed: 10 Available: 10

EN

*The main page of the turnover participant program
Figure 2*

2.6. Program execution

2.6.1. The main page of the program

After logging in, the information services provided by the user interface of the main page of the program become available to the user (Figure 3).

The main page of the program consists of the following main parts:

- 1) Main menu (highlighted in red).
- 2) Data display area (highlighted in blue).
- 3) Information panel (highlighted in green).



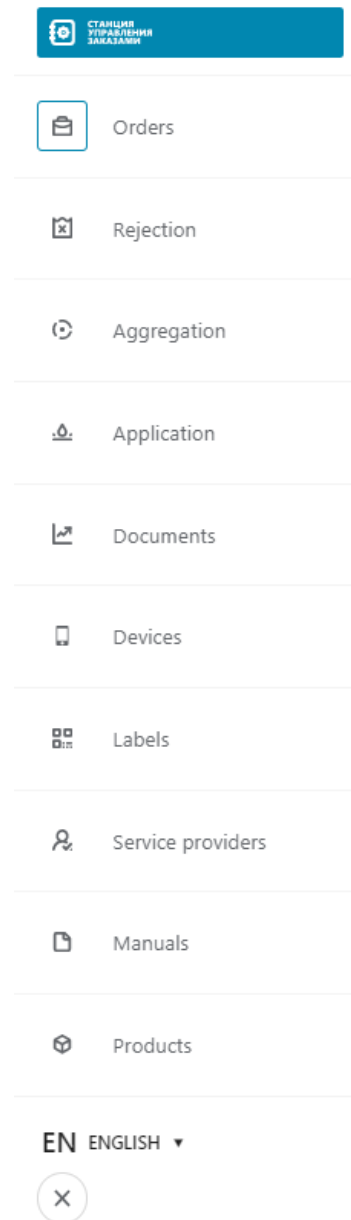
The screenshot displays the main interface of the program. On the left is a red sidebar with navigation icons. The top header is green, showing the user's role as 'Administrator' and a unique ID. The main content area has a blue background and features a table of orders. The table includes columns for product groups, order IDs, creation dates, quantities, and status. At the bottom right, a summary bar indicates the total number of orders and their status distribution.

Product group	Order ID	Date of creation	Number of products	Number of SN	Status	Actions
	0e46205-084d-49d3-8d3a-02a2393c1	9/29/2021, 11:23 AM	1	1	Available	X
	19824e9-73b4-44ef-a728-02365c39c04	9/29/2021, 11:16 AM	1	2	Available	X
	9d2a5d5-5353-4a26-8016-ad1071c59d7a	9/16/2021, 4:50 PM	1	10	Available	X
	9a0095a-79d3-470c-b273-43498d0d7209	7/1/2021, 6:53 AM	1	1	Available	X
	6d03642b-2556-498c-9c14-83a9874a0d4	6/29/2021, 12:53 PM	1	1	Available	X
	8b70c236-5265-4c27-b945-08326559d84	6/29/2021, 12:41 PM	1	3	Available	X
	61c23f0b-4add-4476-b534-1d73a0d09b0	6/29/2021, 11:56 AM	1	1	Available	X
	1646e136-6953-4721-910c-9c29931d9d4	6/28/2021, 5:56 PM	1	1	Available	X
	749d713d-67d3-4d9f-b46d-3c57e093809	6/21/2021, 2:22 PM	1	2	Available	X
	4db69a39-d00e-4422-b2a1-d7a961931ee	6/21/2021, 2:18 PM	1	1	Available	X

Total orders: 10. Of these: Signed: 0. Not signed: 10. Available: 10.

The main page of the program
Figure 3

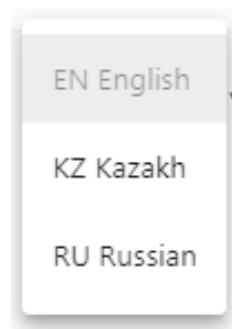
Main Menu



The main thing for me is programs
Figure 4

The main menu of the program contains the following elements (Figure 4):

- 1) Item "Orders"
- 2) Item "Rejection"
- 3) Item "Aggregation"
- 4) Item "Application"
- 5) Item "Documents"
- 6) Item "Devices"
- 7) Item "Labels"
- 8) Item "Manuals"
- 9) Item "Products"
- 10) Switch the interface language.
- 11) Display mode switch.



*Interface language switch
Figure 5*

The interface language switch (Figure 5) allows you to choose between Russian, Kazakh and English when displaying the program controls.



*Switch the display mode to standard mode
Figure 6*



*Switch display mode to expanded mode
Figure 7*

The main menu has two display modes – standard and expanded, the display mode switch is used to select between them (Figure 6 and Figure 7). When using the standard mode, only the icons of the items are visible in the menu.

When using the expanded mode, the menu is displayed completely all the time, while the data display area is shifted to the right.

The main page of the OMS has differences depending on the user's chosen role. The OMS Operator does not have a section "Devices".

Orders

Rejection

Aggregation

Application

Documents

Devices

Labels

Service providers

Manuals

Products

EN ENGLISH

Orders

Active

Order history

To create

Import

Actions

Product group

Order ID

Date of creation

Number of products

Number of SN

Status

Actions

0e4e0285-084d-49c0-8d0b-02e293bc1c1

9/29/2021, 11:25 AM

1

1

Available

99524a9-7394-44ef-a728-02365c039c04

9/29/2021, 11:16 AM

1

2

Available

bd3af5d5-53f3-4a26-96f6-ed10f1c58a7a

9/8/2021, 4:53 PM

1

15

Available

b9e09da-7962-479c-a272-a048960d728b

7/1/2021, 6:53 AM

1

1

Available

d9336426-2936-498c-9c14-89a9674a9a04

6/29/2021, 12:53 PM

1

1

Available

8b782c36-5385-4c51-8844-09438589e8b

6/29/2021, 12:41 PM

1

3

Available

61c23f5b-4a86-4478-b334-12f9aef093b

6/29/2021, 11:58 AM

1

1

Available

1649e136-d863-4721-91cc-a236931d9e04

6/28/2021, 5:06 PM

1

1

Available

748d713d-87d3-49f9-94bd-3037e05950f8

6/21/2021, 2:22 PM

1

2

Available

4a866a39-d0be-4422-b2a1-0fa8619f1ee

6/21/2021, 2:18 PM

1

5

Available

Total orders: 10

Of these - Signed: 0

Not signed: 10

Available: 10

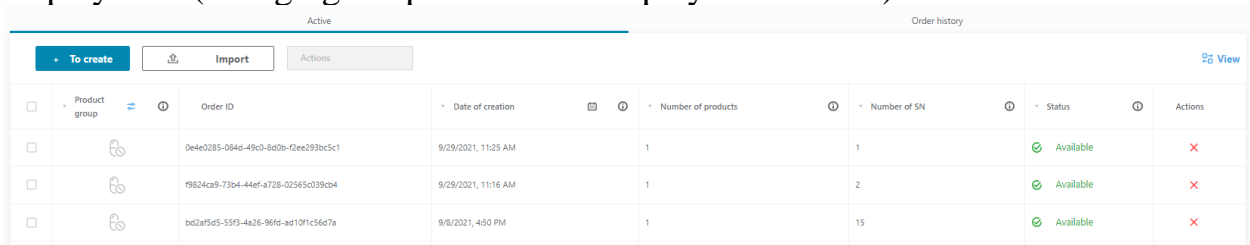
*The main menu of the program when expanded mode
Figure 8*

Data display area

The data display area is used for input and output of information related to various information services of the PC "Web interface".

The appearance of the data display area is determined by the selected item in the main menu, but in most cases it includes a tabular display of data (Figure 9).

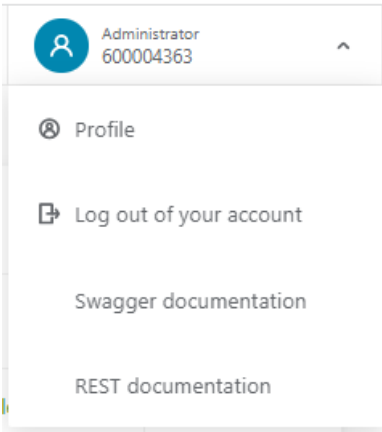
Clicking on the "View" button allows the user to change the appearance of the data display area (changing the position and display of columns).



Active							Order history	
To create		Import	Actions					View
<input type="checkbox"/>	Product group	Order ID	Date of creation	Number of products	Number of SN	Status	Actions	
<input type="checkbox"/>		0e4e0285-084d-49c0-8d0b-f2ee2930c5c1	9/29/2021, 11:25 AM	1	1	Available		
<input type="checkbox"/>		f9824ca9-73b4-44ef-a728-02565c39cb4	9/29/2021, 11:16 AM	1	2	Available		
<input type="checkbox"/>		bd2af5d5-55f3-4a26-96fe-ad101c56e7a	9/8/2021, 4:50 PM	1	15	Available		

Appearance of the data display area when selecting the "Orders" item
Figure 9

Information panel



Information Panel menu
Figure 10

The information panel contains the "User" item, when selected, a menu (Figure 14) appears, in which the following elements are available:

- 1) The "Profile" item, where the Name of the organization, IIN \ BIN, address and contact person are indicated.
- 2) The "Log out of account" item, intended for exiting the program.

2.6.2. Common interface elements

2.6.2.1. Working with tables

If the number of rows exceeds the visible size of the table, it is divided into pages, the transition between pages is carried out by means of the navigation panel located in the lower left part of the table.



Table Navigation panel

Figure 11

The navigation bar contains the buttons "<" and ">" to go to the previous and next pages of the table, as well as a list of table pages located between these buttons. The current page is highlighted with a blue square, with a single mouse click you can go to the page of interest.

To select all rows on the current table page, select the checkbox in the leftmost column in the table header.

The data in the table can be displayed in the form of text, numerical values, dates, as well as pictograms showing the belonging of the data element represented by the row to a particular product group (Figure 12).



Pictogram of the product group "Medicinal products for medical use"

Figure 12



The appearance of the mouse cursor when hovering over a hyperlink

Figure 13

If the data in the cell is displayed as a hyperlink (when the mouse cursor hovers over them, the latter changes its shape (Figure 13), then a single mouse click on this hyperlink can open a form for viewing a table row in the data display area.

Order 0e4e0285-084d-49c0-8d0b-f2ee293bc5c1

GENERAL DATA

Product group



Medicinal products for medical use

Status

Available

The method of releasing goods into circulation

Imported to Kazakhstan

PRODUCTION DATA

Production ID

1

Manufacturer's country

1

ID of the production line

1

[Close order](#)

Order Line View Form
Figure 14

The open fields in the table row view form (Figure 14) are not editable.

[+ To create](#)

The "Create" button
Figure 15

[Import](#)

The "Import" button
Figure 16

If a row addition procedure is provided for a table, the corresponding "Create" button is located above the table to perform it (Figure 15) when the administrator/operator enters the data of the added row or "Import" (Figure 16) when receiving data for a new row from a file.

*Form for adding a table row with a list of orders
Figure 17*

*Form for adding a table row with a list of orders
Figure 18*

The form for adding a row (Figure 17) that appears in the data display area may consist of several tabs, each of which contains data entry fields for a new row of the table, as well as:

- 1) The "Save" button, when clicked, the row with the data entered in the fields is added to the table, a pop-up message about adding data appears, and the form is removed.



*Pop-up window for adding data
Figure 19*

- 2) The "Cancel" button, when clicked, the addition of the line is canceled, and the form is removed.



Button for deleting a form element
Figure 20

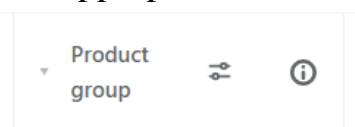
Some tabs may contain several fields or blocks of fields that are added as necessary, a special button is used to delete such elements that were added incorrectly (Figure 20).

Some of the column headers are designed to sort the table by one or another column — the user can click on the column header, while the icon in the header displays the order of sorting — by increasing or decreasing the values in the column (Figure 21).

<input type="checkbox"/>	Product group	Order ID	Date of creation	Number of products	Number of SK	Status	Actions
<input type="checkbox"/>		52b0b1e-3d5f-46c3-b8d1-b8ec23d45f11	8/10/2022 12:24 PM	1	10	Completed	

Sort by column "Number of products" in ascending order
Figure 21

To limit the rows displayed in the table by one or another value in a column, some of the columns are provided with appropriate controls:

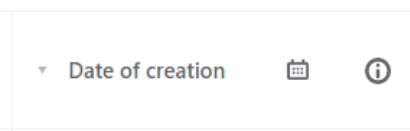


Icon for filtering by the value of the "Product group" column
Figure 22

To filter by column value, click on the icon to the right of the column name (Figure 31). In the filter by value window that appears, select the value by which the rows will be filtered from the drop-down list.

The selected column value is displayed in the field, and the user can add multiple values at the same time. To delete mistakenly added values, click on the "×" icon to the right of the value.

The user must click the "Apply" button to enable the filter or "Cancel" to refuse filtering, and only those rows in which the column value is equal to the value selected in the filter window will be displayed in the table.



Icon for filtering by date of the "Creation date" column
Figure 23

To filter by date, click on the icon to the right of the column name (Figure 23). In the calendar window that appears, select the date by which the table will be filtered in this column.

2.6.2.2.Filling in the fields

The user can enter a value in the field in direct input mode.

Q

04603988009278

Send a request

Number of SN

10

Automatically

+ Add

Filling in fields
Figure 24

2.6.2.3.Using the calendar

To enter dates into various fields of the on-screen forms of the program's information services, a calendar is used, the window of which (Figure 25) appears when the corresponding field is selected.

The image shows a web-based date selection interface. At the top, there is a label "Date" in a light gray box. Below it is a calendar for August 2022. The calendar has a header with left and right navigation arrows, the text "August 2022", and another right arrow. The days of the week are listed as Sun, Mon, Tue, Wed, Thu, Fri, Sat. The dates are arranged in a grid: 1-6 in the first row, 7-13 in the second, 14-20 in the third, 21-27 in the fourth, and 28-31 in the fifth. The date 05.08.2022 is highlighted in blue. Below the calendar, the text "Today: 05.08.2022" is displayed. At the bottom of the calendar area is a blue button labeled "Apply". Below the "Apply" button is a link labeled "Reset the filter".

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Today: 05.08.2022

Apply

Reset the filter

Calendar Window
Figure 25

When entering a date using a calendar, the user has the ability to:

- 1) Select the desired day of the month with a single mouse click, while the value of the selected date appears in the input field, and when the calendar is called again, the previously selected date is highlighted in blue in it.
- 2) Select the month and year using the buttons to scroll the month back "<" or forward ">".

2.6.3. Use of information services
2.6.3.1. Working with the list of orders

The formation and control of the status of the order for the issue of marking codes is carried out in the "Orders" section.

To work with the list of orders, select the "Orders" item in the main menu, after which the "Active" and "Order History" tabs will appear in the data display area. The Orders tab contains a table with a list of orders (Figure 26).

	Product group	Order ID	Date of creation	Number of products	Number of SN	Status	Actions
<input type="checkbox"/>		82dade58-2a40-48b5-9a4f-0b615b42f72b	8/5/2022, 12:52 PM	1	10	Available	


Total orders: 1 - Of these - Signed: 0 - Not signed: 1 - Available: 1

Table with a list of orders
Figure 26

The order view form contains the tabs "General Data" (displays basic information about the order, Figure 27) and "Products" (contains a table of commodity items, Figure 28). To return to the table with the list of orders, select the hyperlink "Orders" displayed above the order view form, or select the "Orders" item in the main menu.

Order 82dade58-2a40-48b5-9a4f-0b615b42f72b



GENERAL DATA

Product group	 Medicinal products for medical use
Status	Available
The method of releasing goods into circulation	Imported to Kazakhstan

PRODUCTION DATA	
Production ID	123
Manufacturer's country	USA

Close order

Order viewing form, "General Data" tab
Figure 27

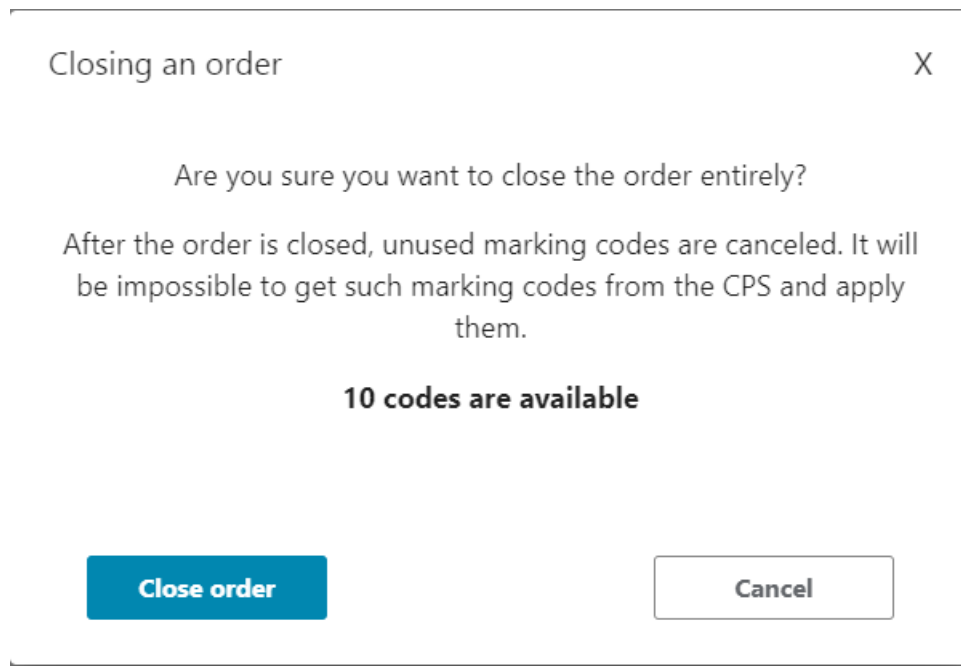
Orders > Order 82dade58-2a40-48b5-9a4f-0b615b42f72b							
General data				Products			
* Product code ⓘ	* Total codes ⓘ	* In the code buffer ⓘ	* Received ⓘ	* Codes not available ⓘ	* Status ⓘ	Actions	
04603988011721	10	10	0	0	✔ Active	 	

Order viewing form, "Products" tab
Figure 28

Close order

"Close Order" button
Figure 29

For an order with the status "Available", the "Close order" button is displayed on the "General Data" tab (Figure 29), after clicking which a confirmation window for closing the order appears (Figure 30). The same window appears after selecting the "Close order" item in the context menu of the row of the table with the list of orders.



Order Closing Confirmation window
Figure 30

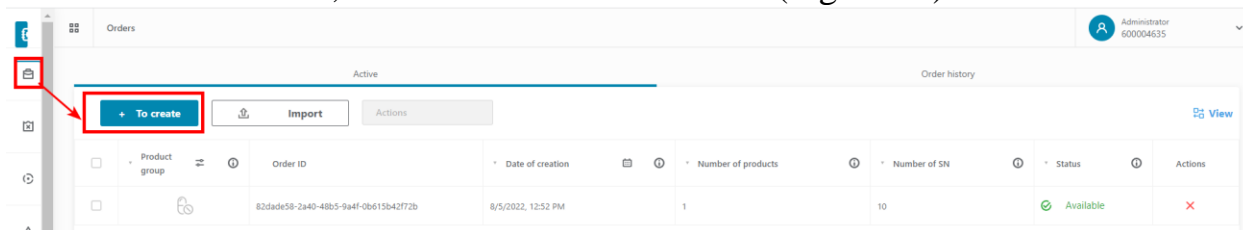
After clicking the "Close Order" button in the order closing confirmation window, the current order is deleted from the order table, while MC that remained unused in this order at the time of its closure can no longer be used.

The table of commodity items contains the following elements:

- 1) The "**Product Code**" column containing the product IDs for each item.
- 2) The "**Total codes**" column containing the total number of marking codes required for each item.
- 3) The column "**In the code buffer**", containing the number of marking codes for each position in the buffer.
- 4) The "**Received**" column containing the number of marking codes for each item received by the PGT.
- 5) The column "**Unavailable codes**", containing the number of marking codes for each position that are not available in the PGT.
- 6) The "**Status**" column, which displays the status for each position.

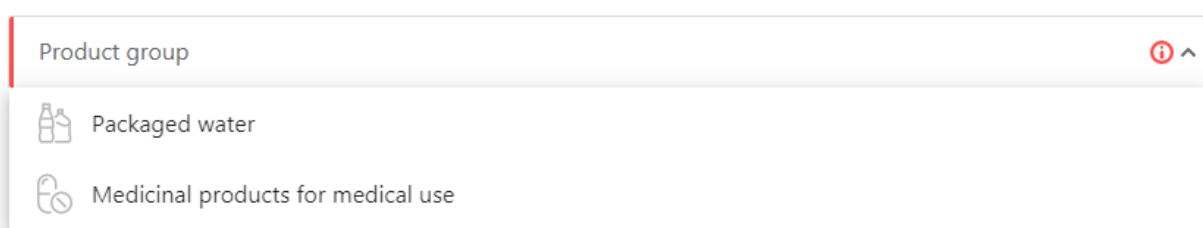
2.6.3.1.1. Creating an order. Product group "Medicinal products for medical use"

To create a new order, click on the "Create" button (Figure 31).



*Creating an order
Figure 31*

In the "Product group" field, select a product group from the drop-down list.



*Choosing a product group
Figure 32*

In the window that appears, adding rows to the table with the list of orders must be filled with order information (mandatory fields are highlighted in red):

- 1) **Production ID** (required field) – the field must contain the GLN or IIN/BIN of the company.
- 2) **The name of the production** (optional field) is the name of the manufacturer, factory or factory that manufactures the products.
- 3) **Manufacturer's country** (required field) – the country of registration of the manufacturer of the product.
- 4) **Production address** (optional field) – the address where the products were directly manufactured.
- 5) **The ID of the production line** (optional field) is the internal number of the product release and packaging line. Used by the manufacturer for internal accounting.
- 6) **Production order number** (optional field) – the order number for the production of marking codes. It is indicated by the manufacturer for further comparison of the number in the OMS and in the internal accounting system of the enterprise.
- 7) **Expected production date** (optional field) – the date of the start of the product release.
- 8) **The method of product release** (mandatory field) – two values are allowed: "Imported to Kazakhstan" (selected when importing products from abroad), "Produced in Kazakhstan" (selected when producing goods in the Republic of Kazakhstan).

- 9) **Country of manufacture** (optional field).
 - 10) **Product code** (optional field) – SKU – item identifier, accounting unit, warehouse number, article, etc.
 - 11) **A short description of the product** (optional field) – the name of the product, the form of release, etc.
- After filling in all the fields, click the "Go to products" button.

NEW ORDER

GENERAL DATA

Medicinal products for medical use

PRODUCTION DATA

Production ID: 123

Name of production

Manufacturer's country: Canada

Production address

ID of the production line

Production order number

Expected production start date

Imported to Kazakhstan

Country of manufacture

PRODUCT DETAILS

Product Code

Product Description

CANCEL

GO TO PRODUCTS

*New order
Figure 33*

In the second step, you need to fill in the product information (GTIN).

For the "Medicines" product group, the order for the issue of codes must contain only one GTIN.

Select the method of generating the serial number, the number of necessary marking codes (no more than 150,000) and click "Save".

NEW ORDER

Medicinal products for medical use

PRODUCT 1

04603988011721

Send a request

Number of SN: 10

Automatically

+ Add

CANCEL

SAVE

*Saving an order
Figure 34*

The window of the added row of the product table (Figure 34) contains the following elements common to all product groups:



Delete row button

Figure 35



- 1) The delete row button, through which you can delete the current row from the product table (Figure 35).
- 2) The **"Product code"** field, filled in by direct input.
- 3) The **"Number of MC" field**
- 4) The method of generating the serial number (**"Automatically"**/ **"By the User"**).
- 5) The **"Send Request"** button to verify the existence and affiliation of GTIN in the National Catalog.

Attention! If an order is formed for the first time using a newly registered product card (GTIN), then it is mandatory to check the product code by sending a request in the order formation form or in the "Products" tab - "Send a request". After receiving a positive response, you can continue forming the order.

When choosing the method of formation by the "User". A window for downloading serial numbers will appear, which contains the following elements:

- 1) The **"CSV File with serial numbers" button**, when the button is clicked, a standard file selection window opens. The file must be in CSV format, contain 1 column with serial numbers. The serial number is 13 characters (numbers, letters, special characters). After selecting the file, the number of uploaded records is reflected in the downloads field.
- 2) The **"Download"** button, by pressing the button, serial numbers are downloaded from the selected file.
- 3) The **"Close"** button, when pressed, the window is closed without saving data.
- 4) The **"Save"** button allows you to send a request for marking codes.
- 5) The **"Cancel"** button that closes the order confirmation window without sending a request for marking codes.

After clicking on the "Save" button, the order takes the status "Created". Send it by clicking on the "Sign" button in the "Action" column, after which the order status should change to "Available". (Figure 36).

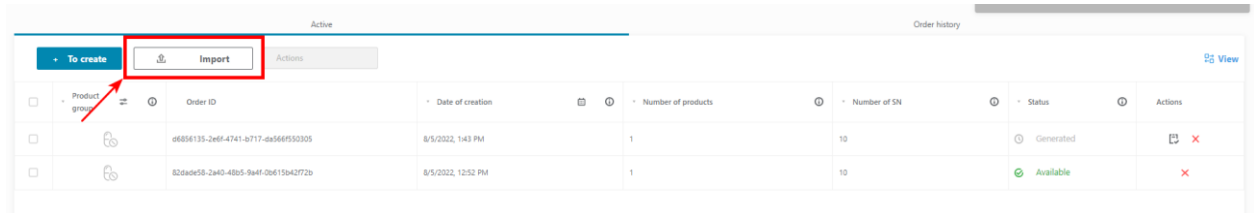
Product group	Order ID	Date of creation	Number of products	Number of SN	Status	Actions
	d6856135-2e6f-4741-b717-d6566f50305	8/5/2022, 1:43 PM	1	10	Generated	
	820a9d58-2a40-48b5-9a4f-d86150a2072b	8/5/2022, 12:52 PM	1	10	Available	

Signing an order for the issue of marking codes

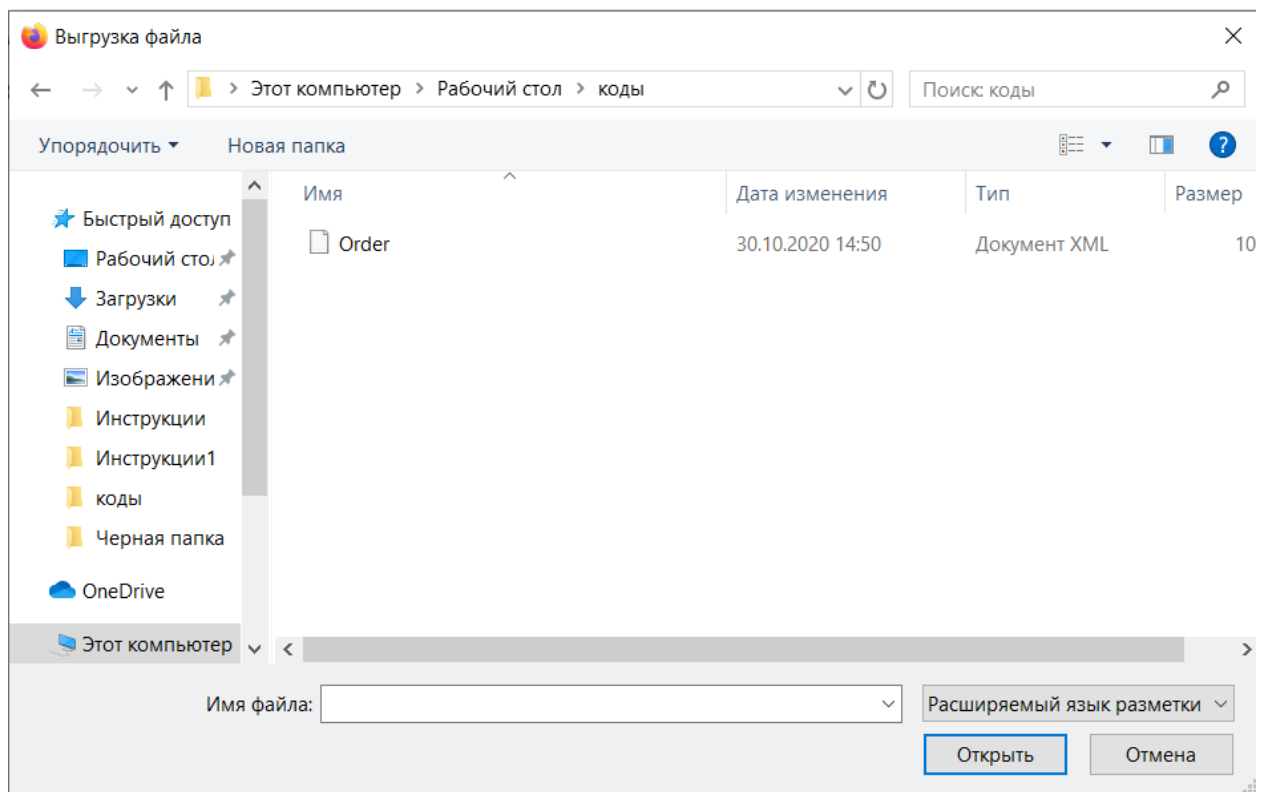
Figure 36

2.6.3.1.2. Order Import

To import an order from a file, go to the menu item "Orders" - "Active"- "Import" (Figure 37), after clicking it, a standard file selection window opens.



*The "Import" button
Figure 37*



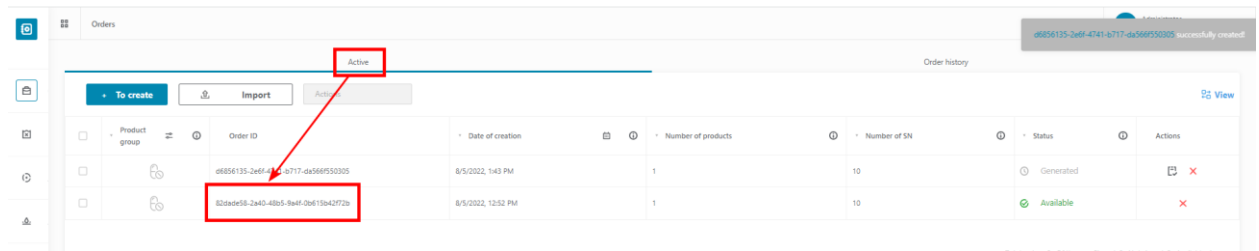
*Selecting a file to import
Figure 38*

A file selection window opens. It is necessary to select the desired XML file and click the "Open" button.

An example of an XML format file is given in the paragraph [Formats of uploaded data.](#)

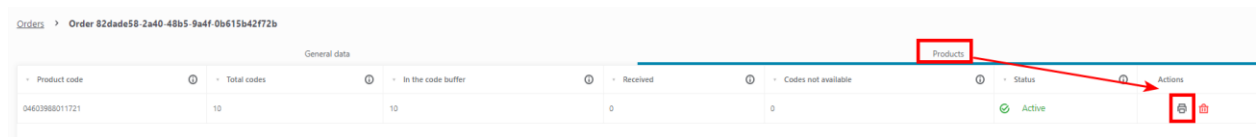
2.6.3.1.3. Printing of marking codes

To print the marking codes, go to the item me "Orders" - "Active". Select the desired order and click on the "Order ID" (Figure 39).



*The "Active" tab
Figure 39*

In the order card, go to the "Products" tab and click the "Print" button (Figure 40)



*Dialog box for printing marking codes
Figure 40*

The window for printing the marking codes of the order item codes contains the following buttons:

- 1) The **"Print"** button, after clicking which a standard Web browser dialog box appears, allowing you to save a file with marking codes.
- 2) The **"Cancel"** button, which closes the dialog box for printing marking codes.

Order 82dade58-2a40-48b5-9a4f-0b615b42f72b
X

PDF

In one column

Standard printing

Simple white

Quantity
10

To print in the "PDF" format, specify the "Quantity" equal to 1 to 500 SN.

In the event that a number of codes is selected during the initial printing, which is unacceptable for other file formats, these formats will not be available for selection when printing again

Print

Cancel

Window for printing marking codes
Figure 41

The print dialog box contains the following fields:

- Format:

PDF

PDF

CSV

EPS

Drop-down list of the "Format" field
Figure 42

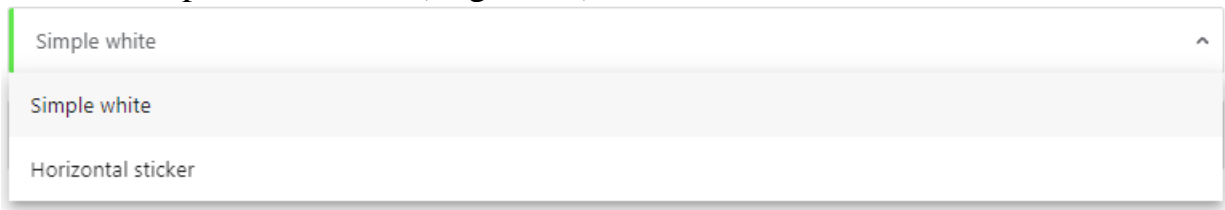
- When choosing the PDF format, the types of arrangement on the print sheet are offered:

In one column

In one column

Automatically

- Label templates of labels (Figure 43):



*Drop-down list of the "Label Templates" field
Figure 43*

- Quantity.

Label Sizes:

Plain white - 3*2.5 cm

Horizontal label - 4.5*1.5 cm

Attention! After the marking codes are exhausted, the order is closed automatically after 3 days. Re-printing of the marking codes will not be available.

2.6.3.1.4. Working with the order history

To work with the order history, select the "Orders" item in the main menu and go to the "Order History" tab, after which a table with a list of orders processed by the system will appear in the data display area (Figure 44).

Orders

Administrator
600004635

Active

Order history

Product group

Order ID

Date of creation

Closing date

Number of products

Number of SN

Status

52b2e83e-2df5-4dc3-88c0-8eecc245ef31

8/5/2022, 12:04 PM

8/5/2022, 12:46 PM

1

10

✖

Rejected

Table with the list of orders processed by the system
Figure 44

The form for viewing the order processed by the system contains the tabs "General data" (displays basic information about the order) and "Products" (contains a table of commodity items). To return to the table with the list of orders processed by the system, select the "Orders" item in the main menu and go to the "Order History" tab.

Order 52b2e83e-2df5-4dc3-88c0-8eecc245ef31

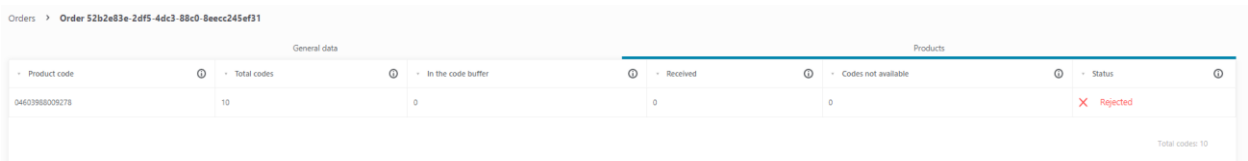
GENERAL DATA

Product group	Medicinal products for medical use
Status	Rejected
The method of releasing goods into circulation	Imported to Kazakhstan

PRODUCTION DATA

Production ID	123
Manufacturer's country	USA

The form for viewing the order processed by the system, the "General data" tab
Figure 45

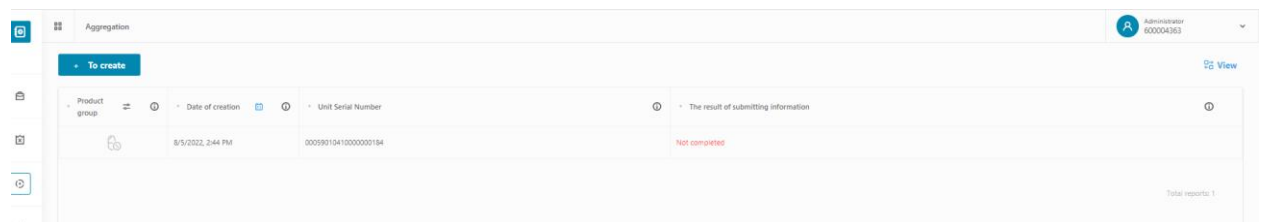


General data			Products		
Product code	Total codes	In the code buffer	Received	Codes not available	Status
04603988029278	10	0	0	0	Rejected
Total codes: 10					

The form for viewing the order processed by the system, the "Products" tab
Figure 46

2.6.3.2. Working with the list of aggregation reports

To work with the list of aggregation reports, select the "Aggregation" item in the main menu, after which a table with a list of aggregation reports, if any, will appear in the data display area (Figure 47).



Product group	Date of creation	Unit Serial Number	The result of submitting information
Medicinal products for medical use	8/5/2022, 2:44 PM	00098010410000000184	Not completed

*Table with a list of aggregation reports
Figure 47*

The aggregation report view form contains the "General Data" and "Aggregated MC" tabs. To return to the table with the list of reports, select the "Aggregations" hyperlink displayed above the report view form, or select the "Aggregation" item in the main menu.

Aggregation

GENERAL DATA

Product group	Medicinal products for medical use
Date and time of saving	8/5/2022, 2:44 PM
Production line number	1
Organization's TIN/BIN	960202350172

RESULT OF SUBMISSION OF INFORMATION

Date and time of synchronization with the monitoring system	0
The result of synchronization with the monitoring system	Not completed

*Aggregation report view form, "General Information" tab
Figure 48*

Drafts of documents > Aggregation 1a1a54f7-9732-47f4-a117-3eac25bb6e55

General information		Aggregated SN	
Unit Serial Number	Actually packed	Packing capacity	
00059010410000000154	2	2	

Aggregation report view form, Products tab
Figure 49

2.6.3.2.1. Aggregation. Product group "Medicinal products for medical use"

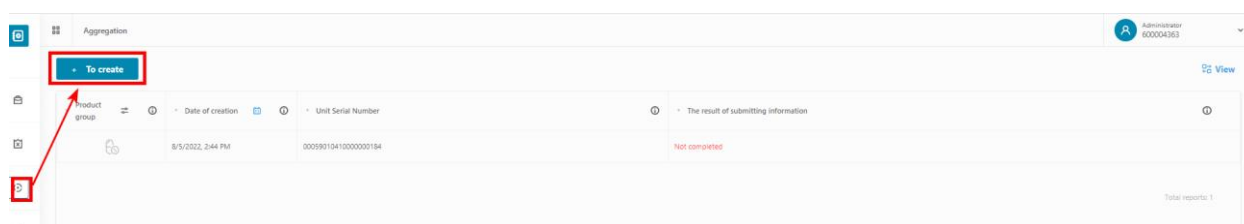
The identification code of the transport package is provided by the turnover participant in the form of a one-dimensional barcode corresponding to the international standard GS1-128 or in the form of a two-dimensional barcode in the DataMatrix format. The composition of the transport package identification code is determined by the turnover participant who aggregates tobacco products into transport packaging.

Examples of MC of transport packaging for the "Medicines" product group:

00059010410000000149

00059010410000000156

To work with the list of reports for aggregation, select the "Aggregation" menu item in the main menu, after which a table with a list of aggregation reports will appear in the data display area.



Aggregation			
To create		View	
Product group	Date of creation	Unit Serial Number	The result of submitting information
	8/5/2022, 2:44 PM	00059010410000000154	Not completed
Total reports: 1			

List of aggregation reports
Figure 50

To aggregate products, click the "Create" button. In the window that appears, select the "Product group" and click on the "Go to products" button.

Choosing a product group
Figure 51

After selecting the product group, a window will open to fill out the Aggregation report. It is necessary to fill in all the fields, and also enter the Unit code in the "MC Unit" field. The format of the unit code is SSCC (00 + 18 digits) and click on the "Go to products" button.

Filling out the aggregation report
Figure 52

At this step, you need to add products for aggregation. The products for aggregation must have the same GTIN.

The marking code is entered without the application identifier (91) and the verification key (see [Templates of marking codes for product groups](#)). Then click on the "Save" button.

Aggregation > Editing the aggregation bc61354c-25ce-4df4-a958-143f16be3805

Step 1. General data Step 2. Products

Green indicates required and completed fields Filled in 100%

EDITING THE AGGREGATION BC61354C-25CE-4DF4-A958-143F16BE3805

PRODUCTS

Serial Number: 0104603988013572211dQGJ0jgvCQEW

PRODUCTS

Serial Number: 0104603988013572211nYMiZzHutv6

+ Add

CANCEL

SAVE

Adding aggregated product codes
Figure 53





After saving the aggregation report, the data must be sent to the MTG IS. To do this, go to the "Documents" item in the main menu, select the desired report and click "Send with signature" (Figure 54).

Documents

Administrator 800094363

Drafts of documents Documents in progress Processed documents Print / Export

+ To create Actions View

	Product group	Document ID	Type	Number of SN	Name / TIN of the service provider	Aggregated	Status	Signed	Action
		bc61354c-25ce-4df4-a958-143f16be3805	Aggregation	2		8/5/2022, 3:03 PM	Expectation	No	
		1a1a5497-8732-4794-a117-3eac23b0e655	Aggregation	2		8/5/2022, 2:44 PM	Expectation	No	
		6ee42911-d6c2-412f-a9f8-a3e9f4762967	SN order	10		8/5/2022, 2:40 PM	Available	No	
		7f161202-5b11-42a9-a482-91c8e33c875	SN order	10		7/28/2022, 11:40 AM	Available	No	

Sending a report on aggregated products to the MTG IS from the OMS
Figure 54

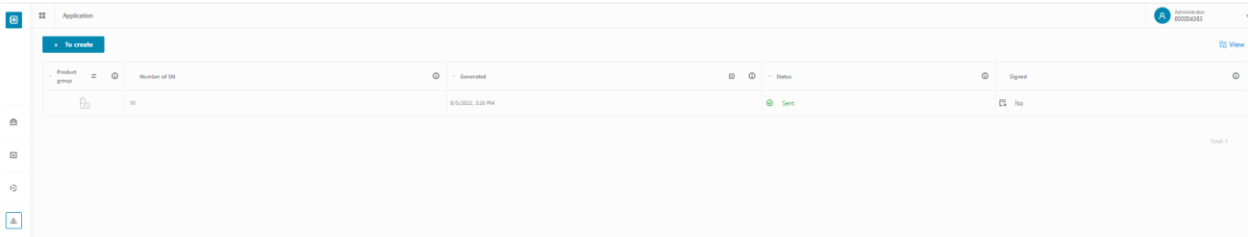
The Aggregation report has the status "Pending" before it is sent to the MTG IS. After sending, the status changes to "Ready to send" and "Available", this status is final. It means that the report has been successfully sent to the MGT IS.

For the successful processing of the Aggregation Report in the MTG IS, the status of the marking codes must be "Applied". That is, for marking codes that are aggregated, a drawing report must be sent before the aggregation report is created.

Attention! Information about processed reports is stored in the OMS for 30 days! After the expiration of 30 days, all information about processed reports is deleted.

2.6.3.3. Working with the list of MC application reports

To work with the list of MC application reports, select the "Application" item in the main menu, after which a table with a list of MC application reports will appear in the data display area (Figure 55).



The screenshot shows a web application interface. At the top, there's a header bar with a logo on the left and a user profile 'Administrator 000004567' on the right. Below the header, a sidebar menu is visible on the left. The main content area is titled 'Application' and contains a table. The table has columns: 'Product group', 'Number of DA', 'Generated', 'Status', and 'Signed'. There is one data row with values: '10', '6/15/2022, 3:20 PM', 'Sent', and 'No'. A 'Total: 1' label is at the bottom right of the table. Above the table, there are some filters and a 'View' button.

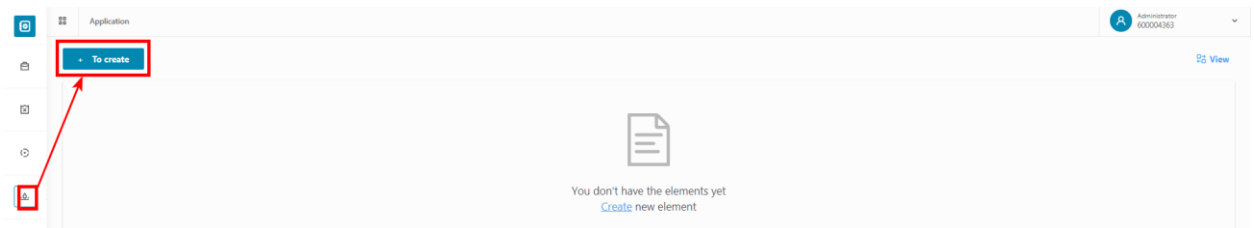
Product group	Number of DA	Generated	Status	Signed
10	6/15/2022, 3:20 PM	Sent	No	

Table with a list of MC application reports
Figure 55

The form for viewing the MC application report contains the tabs "General Information" (displays basic information about the report (Figure 55) and "MC applied" (contains information about MC application (Figure 56). The table in the "Products" tab contains a list of applied marking codes displayed without a verification code. To return to the table with the list of reports, select the hyperlink "Reports" displayed above the report view form, or select the "Drawing" item in the main menu.

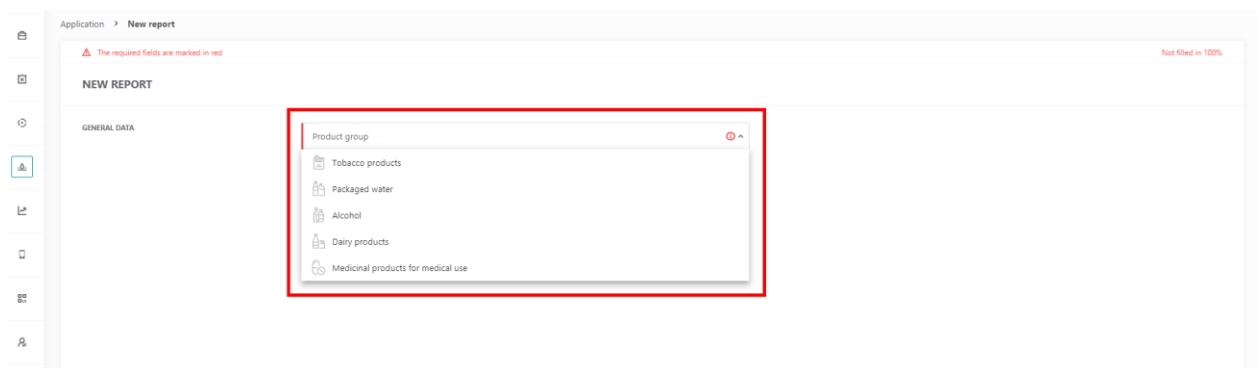
2.6.3.3.1. Application. Product group "Medicinal products for medical use"

To work with the list of applied MC in the main menu, select the "Application" item, after which a table with a list of application reports, if any, will appear in the data display area (Figure 58).



*Application Report
Figure 58*

To create a new report on the application of marking codes, click the "Create" button. In the window that appears, select the "Product group". And click on the "Save as draft" button.



*Choosing a product group
Figure 59*

In the "General data" block, you must select the "Type of use" of MC:

- 1) **MC was printed** - this status means that the marking codes were printed at the production of tobacco products, but their application was not confirmed by scanning.
- 2) **MC application is confirmed** - this status means that the marking codes have been printed and their application has been confirmed by scanning.

These statuses relate only to the business process in production and do not affect the subsequent movement of the marking codes in the MTG IS in any way.

Next, fill in the fields (required fields are highlighted in red):

- 1) **The production order identifier** (optional field) is the internal number of the order for the production of marking codes. It is indicated by the manufacturer for further comparison of the number in the OMS with the internal accounting of the pre-event.
- 2) **Production series number** (required field) – the number of the series or batch of manufactured products is indicated.
- 3) **The ID of the automated process control System application report** (optional field) is indicated in cases where an automated process control system (automated process control system) is available at the production facility, which reads the marking codes from the products and generates a response about the application with an identification number assigned to it. This number, if necessary, can be added to the report on the application in the OMS.
- 4) **The name of the product brand** (optional field).
- 5) **Expiration date** (required field) – the expiration date of the marked batch of products.
- 6) **Products** (required field) - a list of product macro codes is added in CSV format (Figure 61).

The message formats and data conversion methods can be found in the paragraph [Formats of uploaded data.](#)

After filling in all the fields, click the "Save as draft" button.

Application > New report

Green indicates required and completed fields

Read in 100%

NEW REPORT

GENERAL DATA

Medicinal products for medical use

SN was printed

PRODUCTION DATA

Production Order ID

Production Series Number
123

ID of the Automated control system application report

PRODUCT DETAILS

Product brand name

Expiration date
8/31/2023

PRODUCTS

Uploaded 10 records

order_08c8638b-e83a-4d88-b372-97f31245f83c_gtin_04603988016788_quantity_10_6476063285386729490(1).csv
The file can only be in CSV format

CANCEL

SAVE AS DRAFT

Creating a drawing report
Figure 60

```
order_08c8638b-e83a-4d88-b372-97f31245f83c_gtin_04603988016788_quantity_10_6476063285386729490(1).csv
1 010460398801678821wXdrPnkxuWRP7GS91KZF0GS92cnlQdDlCVDHxpxjarbu0d9e2cIAb1QS6Vt4PptH/h5Q=
2 010460398801678821wSAI5LNPpDMx1GS91KZF0GS92b01uZz/8HnfAI2sKGE0Y0wj0VHVU2Y0UMFTUeHM34ac=
3 010460398801678821IoGr1kAyzQejPGS91KZF0GS92dmVMVAifqxpOcMSzc0tmvfImxEIz+Z20T8KDrUpSgOk=
4 010460398801678821Nn1wCKiHqTDa5GS91KZF0GS92YtdSWN78g0PziqPYS1E1DgNKsy09qtWff5bDu2xNKms=
5 010460398801678821IR5gD4UgXqEM4GS91KZF0GS92QVBhdvREUTabnygxCZZYHKE9nU1bgphEizQkSYyOWE=
6 010460398801678821TlnD4EG55CfWPGS91KZF0GS92TWVDQX5Ie3/4EKbXzJJTuIsQ3Alhno2mojGS71rEH6k=
7 010460398801678821o1PbGKiMIVeKGS91KZF0GS92VHBnaWAjF06fZLNz2ZchCewl04ye5YMs9foYAm/qZ8s=
8 010460398801678821otuk5069T4LXtGS91KZF0GS92QU9QSYetZWkLYH//oEb2C4pIxi5/uLmZW4fCSSyAmcc=
9 010460398801678821Lk6zX5bChW1ZLGS91KZF0GS92WWJOMnQrx9teIIWh2+ZWiyoclcOpEn6lCcw9DJHwFos=
10 0104603988016788215u4u3ocmYXvc0GS91KZF0GS92TgdzL4DS55khoTBjDow1jeq2Rphgkpwqoda3SnGz+TQ=
```

Example of MC in CSV format
Figure 61

After saving the application report, the data must be sent to the MTG IS. To do this, go to the "Documents" item in the main menu, select the desired report and click "Send with signature" (Figure 62).

Documents

Drafts of documents

Documents in progress

Processed documents

Print / Export

Product group	Document ID	Type	Number of SN	Name / Title of the document	Status	Sign	Activity
	0460398801678821wXdrPnkxuWRP7GS91KZF0GS92cnlQdDlCVDHxpxjarbu0d9e2cIAb1QS6Vt4PptH/h5Q=	Application	10		Expectation	No	IS
	0460398801678821wSAI5LNPpDMx1GS91KZF0GS92b01uZz/8HnfAI2sKGE0Y0wj0VHVU2Y0UMFTUeHM34ac=	Aggregation	2		Expectation	No	IS
	0460398801678821IoGr1kAyzQejPGS91KZF0GS92dmVMVAifqxpOcMSzc0tmvfImxEIz+Z20T8KDrUpSgOk=	Aggregation	2		Expectation	No	IS
	0460398801678821Nn1wCKiHqTDa5GS91KZF0GS92YtdSWN78g0PziqPYS1E1DgNKsy09qtWff5bDu2xNKms=	SN order	10		Available	No	X
	0460398801678821IR5gD4UgXqEM4GS91KZF0GS92QVBhdvREUTabnygxCZZYHKE9nU1bgphEizQkSYyOWE=	SN order	10		Available	No	X
	0460398801678821TlnD4EG55CfWPGS91KZF0GS92TWVDQX5Ie3/4EKbXzJJTuIsQ3Alhno2mojGS71rEH6k=	SN order	10		Available	No	X
	0460398801678821o1PbGKiMIVeKGS91KZF0GS92VHBnaWAjF06fZLNz2ZchCewl04ye5YMs9foYAm/qZ8s=	SN order	10		Available	No	X
	0460398801678821otuk5069T4LXtGS91KZF0GS92QU9QSYetZWkLYH//oEb2C4pIxi5/uLmZW4fCSSyAmcc=	SN order	10		Available	No	X
	0460398801678821Lk6zX5bChW1ZLGS91KZF0GS92WWJOMnQrx9teIIWh2+ZWiyoclcOpEn6lCcw9DJHwFos=	SN order	10		Available	No	X
	04603988016788215u4u3ocmYXvc0GS91KZF0GS92TgdzL4DS55khoTBjDow1jeq2Rphgkpwqoda3SnGz+TQ=	SN order	10		Available	No	X

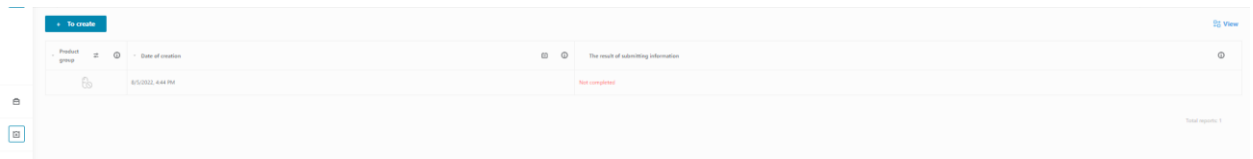
Sending a report on the application of products to the MTG IS from the OMS
Figure 62

The application report has the status "Pending" before it is sent to the MTG IS. After sending, the status changes to "Ready to send" and "Available", this status is final. It means that the report has been successfully sent to the MGT IS.

Attention! Information about processed reports is stored in the OMS for 30 days! After the expiration of 30 days, all information about processed reports is deleted.

2.6.3.4. Working with a list of reports on the withdrawal of rejected products in production

To work with the list of reports on the withdrawal of rejected products in production, select the "Rejection" item in the main menu, after which a table with a list of reports on the withdrawal of rejected products in production will appear in the data display area (Figure 63).



Product group	Date of creation	The result of submitting information
Medicinal products for medical use	8/5/2022, 4:44 PM	Not completed

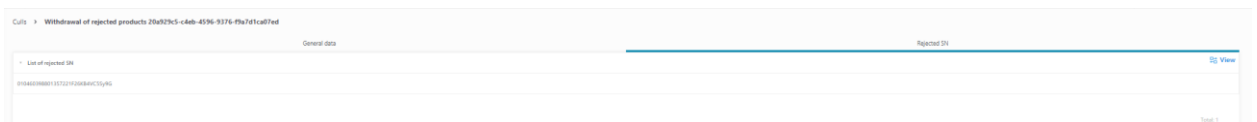
*Table with a list of reports on the withdrawal of rejected products in production
Figure 63*

The form for viewing the report on the withdrawal of rejected products in production contains the tabs "General Information" (displays basic information about the report) and "Goods" (contains a table of commodity items). To return to the table with the list of reports, select the "Rejections" hyperlink displayed above the report view form, or select the "Rejection" item in the main menu.

Withdrawal of rejected products

GENERAL DATA	
Product group	Medicinal products for medical use
Date and time of saving	8/5/2022, 4:44 PM
Reason for disposal	Laboratory samples
Write-off of all nested elements	No
PRODUCTION DETAILS	
TIN/BIN of the manufacturer	960202350172
THE ADDRESS WHERE THE DEBIT WAS MADE	
Address	Abai 2
RESULT OF SUBMISSION OF INFORMATION	
Date and time of synchronization with the monitoring system	0
The result of synchronization with the monitoring system	Not completed

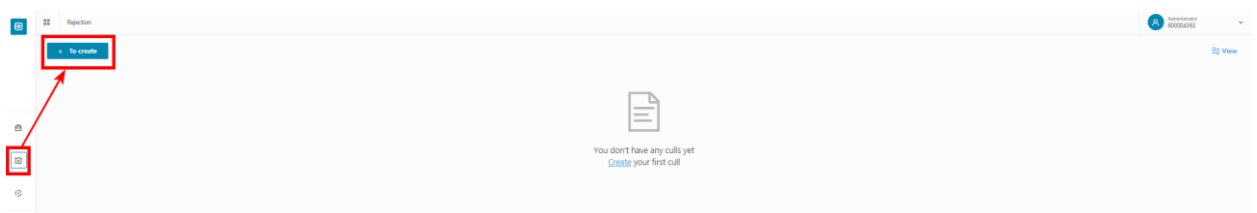
*Form for viewing the report on the withdrawal of rejected products in production,
the "General Information" tab
Figure 64*



*Form for viewing the report on the withdrawal of rejected products in production, the "Products" tab
Figure 65*

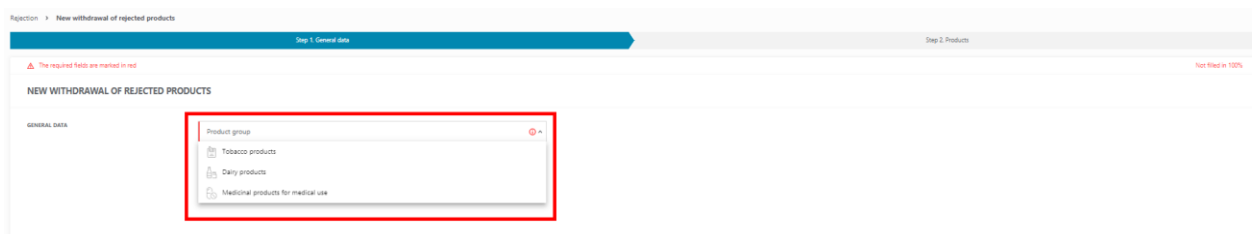
2.6.3.4.1. Rejection. Product group "Medicinal products for medical use"

To display the rejected products, click the "Create" button (Figure 66).



*Creating an order
Figure 66*

In the window that appears, select the "Product group" and click on the "Go to products" button



*Output of the product group
Figure 67*

At this step, it is necessary to fill in all required fields (required fields are highlighted in red). It is also mandatory to fill in the fields "Document number" and "Document date". Specify the reason for rejection from the drop-down list, as well as the address where the write-off was made (Figure 68).

Step 1: General data

Step 2: Products

Green indicates required and completed fields

NEW WITHDRAWAL OF REJECTED PRODUCTS

GENERAL DATA

Document Number

Document date

Medicinal products for medical use

Laboratory samples

Details

PRODUCTION DETAILS

Production Order ID

Production line number

Manufacturer's TIN

THE ADDRESS WHERE THE DEBIT WAS MADE

Address

CANCEL

GO TO PRODUCTS

Withdrawal of rejected products
Figure 68

At the next step, in the "Goods" field block, it is necessary to add Labeling Codes for products intended for withdrawal from circulation. Click the "Save" button.

Rejection > New withdrawal of rejected products

Step 1: General data

Step 2: Products

Green indicates required and completed fields

NEW WITHDRAWAL OF REJECTED PRODUCTS

Medicinal products for medical use

+ Add

PRODUCTS

Serial Number

01048039880138721F2B0B4VC5J80291C7F0282A4ZM7uLxUc9v-GchMndpT7g6hKAd1nduYD1mVdg

CANCEL

SAVE

Adding products for withdrawal from circulation
Figure 69

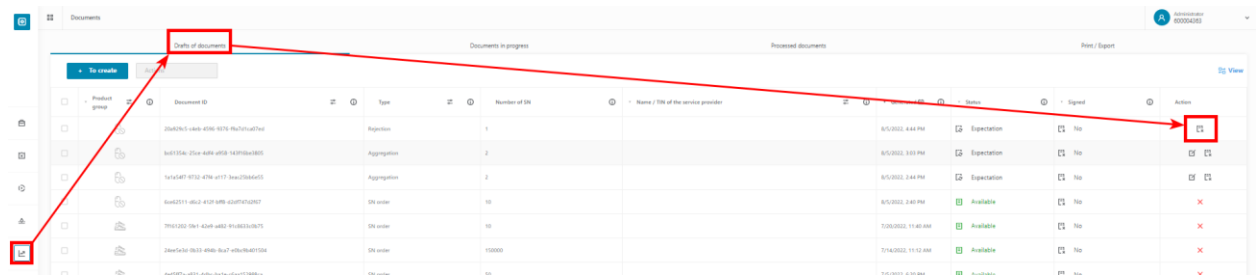
After saving the rejection report, it will take the status "Not completed" (Figure 117), the data must be sent to the MTG IS.

To create		View
Product group	Date of creation	The result of submitting information
	6/5/2022, 4:44 PM	Not completed

Total requests: 1

Document status after creation
Figure 70

To do this, go to the "Documents" item in the main menu, select the desired report, click on the "Send with signature" button. (Figure 71).



Signing of the report on rejected products
Figure 71


The rejection report has the status "Pending" before it is sent to the MTG IS. After sending, the status changes to "Ready to send" and "Available", this status is final. It means that the report has been successfully sent to the MGT IS.

Attention! Information about processed reports is stored in the OMS for 30 days! After the expiration of 30 days, all information about processed reports is deleted.

2.6.3.5. Working with the list of devices

The list of devices is available only to the user with the role of "Administrator of the management system".

To work with the list of devices, select the "Devices" item in the main menu, after which a table with a list of devices will appear in the data display area (Figure 72).

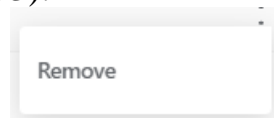


Name	Type	Name	Sending mode
auto	APICS	APIC000001 (7F8-4B34-B43E-7027A50A0000)	Automatically

Working with the list of devices

Figure 72

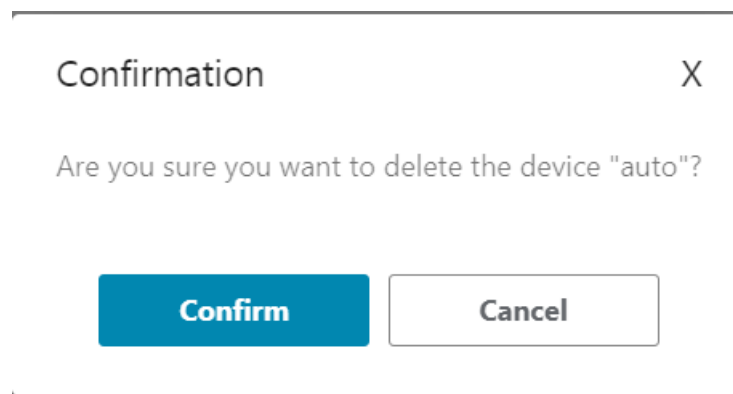
To delete a device, use the "Delete" command in the context menu of the table row with the list of devices (Figure 73).



Context menu of a table row with a list of devices

Figure 73

When this command is selected, a confirmation window for deleting the device appears (Figure 74).



Confirmation window for deleting the device

Figure 74

The confirmation window for deleting a device contains the "Confirm" buttons, after clicking which the device is removed from the table, and "Cancel", clicking which stops the deletion operation.

Devices > New device

✓ Green indicates required and completed fields Filled in 100%

NEW DEVICE

GENERAL DATA

Name: Test

Type: ACS

Sending mode: Automatically

UPDATE CREATE

*The form of the added row of the table with the list of devices
Figure 75*

The form of the added row of the table with the list of devices contains the following elements (Figure 75):

- 1) The **"General Data"** field block, which includes:
 - The **"Name"** field, which defines the name of the device and is filled in by direct input.
 - The **"Type"** field, defining the type.
 - The **"Draft"** checkbox.

Automatically

Automatically

Manually

*Drop-down list of the "Sending mode" field
Figure 76*

- The **"Sending mode"** field, which defines the mode of data exchange with the device and is filled in from the drop-down list (Figure 76).
- 2) The **"Cancel"** button, when clicked, the procedure for adding a line stops.
 - 3) Button **"Create"**, when clicked, a row with the entered data is added to the table with the list of devices.

After adding the device, the id value will appear in the "Token" field, which should then be used to create orders using the API method.

Create a device

OMS ID: d9cdba15-0536-4c28-a328-a42fe99d931a [View](#)

Name	Type	Token	Sending mode
auto	APCS	ed310465-2759-4b1d-be06-1f027b59e245	Automatically
Test	APCS	391d10d1-f946-443b-9563-0d5fd449cc29	Automatically

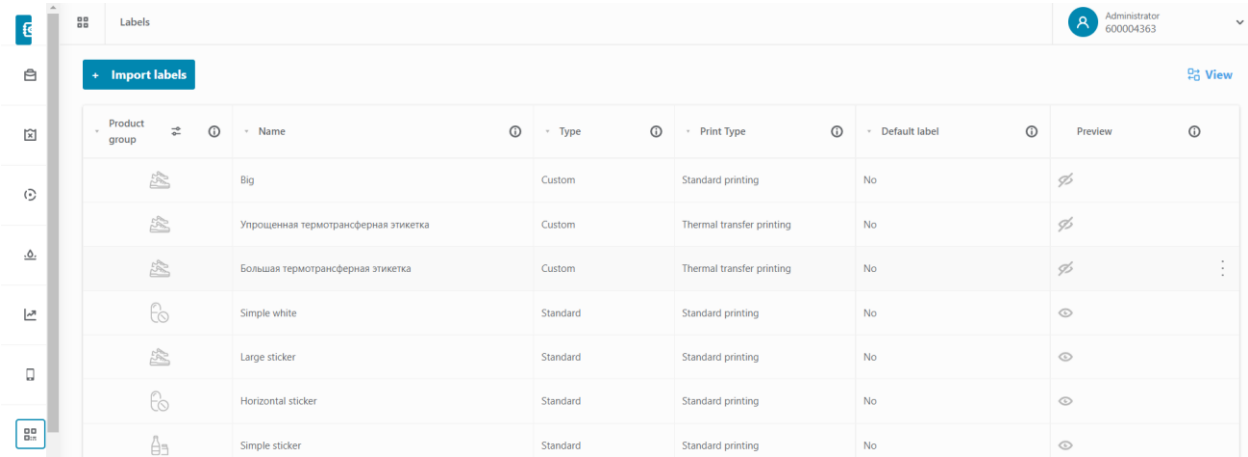
The "Token" field
Figure 77

When you select the "Dispatch Mode" - Automatically, the order is created automatically.

When selecting the "Dispatch Mode" - Manually, to send the created order, you need to go to the "Orders" menu item and confirm the dispatch of the order.

2.6.3.6. Working with labels

The Labels section is designed to manage the label template registry. To work with labels, select the "Labels" item in the main menu, after which a table with a list of labels will appear in the data display area (Figure 78).










Product group	Name	Type	Print Type	Default label	Preview
	Big	Custom	Standard printing	No	
	Упрощенная термотрансферная этикетка	Custom	Thermal transfer printing	No	
	Большая термотрансферная этикетка	Custom	Thermal transfer printing	No	
	Simple white	Standard	Standard printing	No	
	Large sticker	Standard	Standard printing	No	
	Horizontal sticker	Standard	Standard printing	No	
	Simple sticker	Standard	Standard printing	No	

Table with a list of labels
Figure 78



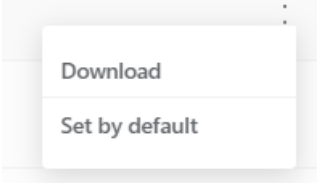
Icon for calling the label preview window
Figure 79

When you click on the icon to open the label preview window, a label preview window appears in the "Preview" column (Figure 80).



Label Preview window
Figure 80

To select labels, use the checkboxes in the leftmost column of the table.



Context menu of a table row with a list of labels
Figure 81

To import labels, click on the "Import" button (Figure 82).

The image shows a software interface. At the top left, there is a blue button with a plus icon and the text "Import labels". Below this is a table with the following columns: Product group, Name, Type, Print Type, Default label, and Preview. The table contains several rows of label data.

Product group	Name	Type	Print Type	Default label	Preview
	Big	Custom	Standard printing	No	
	Упрощенная термотрансферная этикетка	Custom	Thermal transfer printing	No	
	Большая термотрансферная этикетка	Custom	Thermal transfer printing	No	
	Simple white	Standard	Standard printing	No	
	Large sticker	Standard	Standard printing	No	
	Horizontal sticker	Standard	Standard printing	No	
	Simple sticker	Standard	Standard printing	No	

Importing labels
Figure 82

After clicking on the "Import" button, the label import form will open.

The image shows a form for importing labels. It has a blue header bar with a "FILE" button and a warning icon. Below the header, there is a text input field with the placeholder "The size of the downloaded file should not exceed 100 KB". The form also contains three dropdown menus: the first is labeled "Medicinal products for medical use", the second is labeled "Name" with the value "Test", and the third is labeled "Standard printing".

The form for importing a file with a label
Figure 83

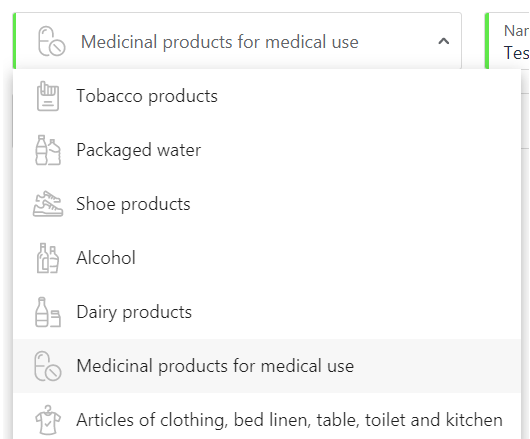
The form for importing a file with a label contains the following elements (Figure 141):

The "General Data" field block, which includes:



*The "File" button
Figure 84*

– The **"File"** button (Figure 84), when clicked, a standard file selection window appears in which you need to select the imported file with a JASPER report format containing the label.



*Drop-down list of the "Product group" field
Figure 85*

– The **"Product group"** field, which defines the product group of the imported label and is filled in from the drop-down list (Figure 85).

– The **"Name"** field, intended for entering the label name displayed in the system interface, and filled in by direct input.

– The printing method is **"Standard"** or **"Thermal transfer"**.

When choosing the "Thermal Transfer" printing method, additional fields appear to fill in: Width and Height.

The width should be indicated 100 mm, height 71 mm.

Thermal transfer printing	▼
Page Width (mm)	ⓘ
Page Height (mm)	ⓘ

*Thermal transfer printing
Figure 86*

- The **"Cancel"** button, when pressed, the procedure for adding a line stops.

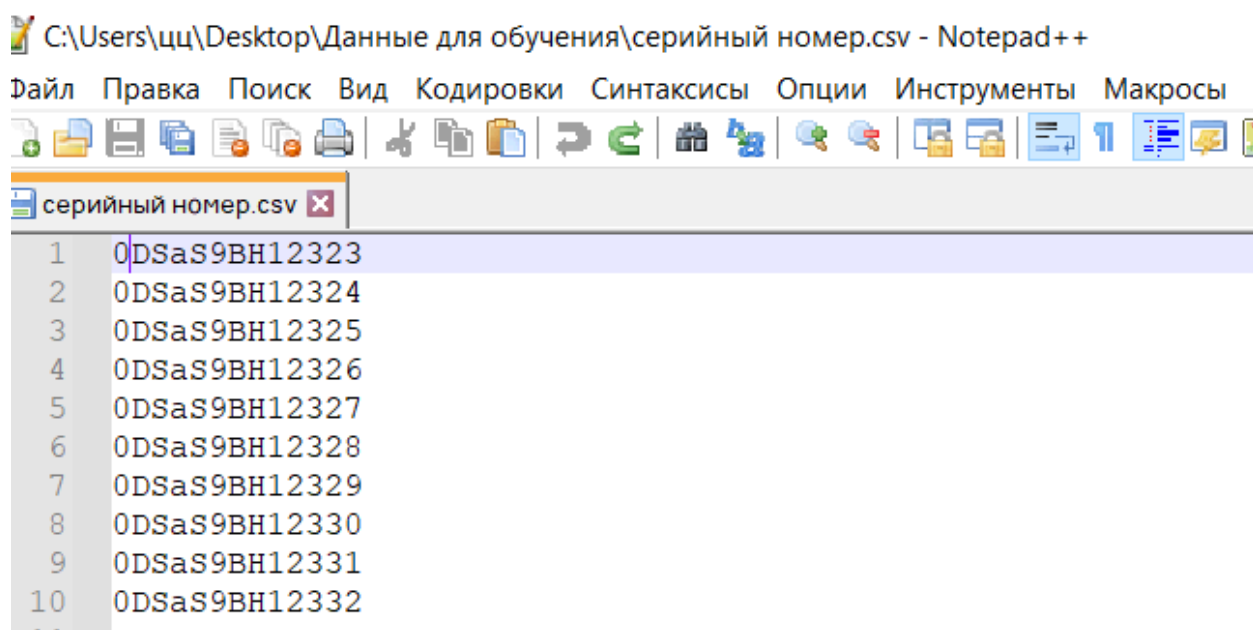
- The **"Import"** button, when clicked, a row with the imported data is added to the table with the list of labels.

2.6.3.7. Formats of uploaded data

1. **CSV** is a special text format, the data inside of which is separated by commas. Current format:

- each code in a separate line
- not shielded
- in each line \r\n.

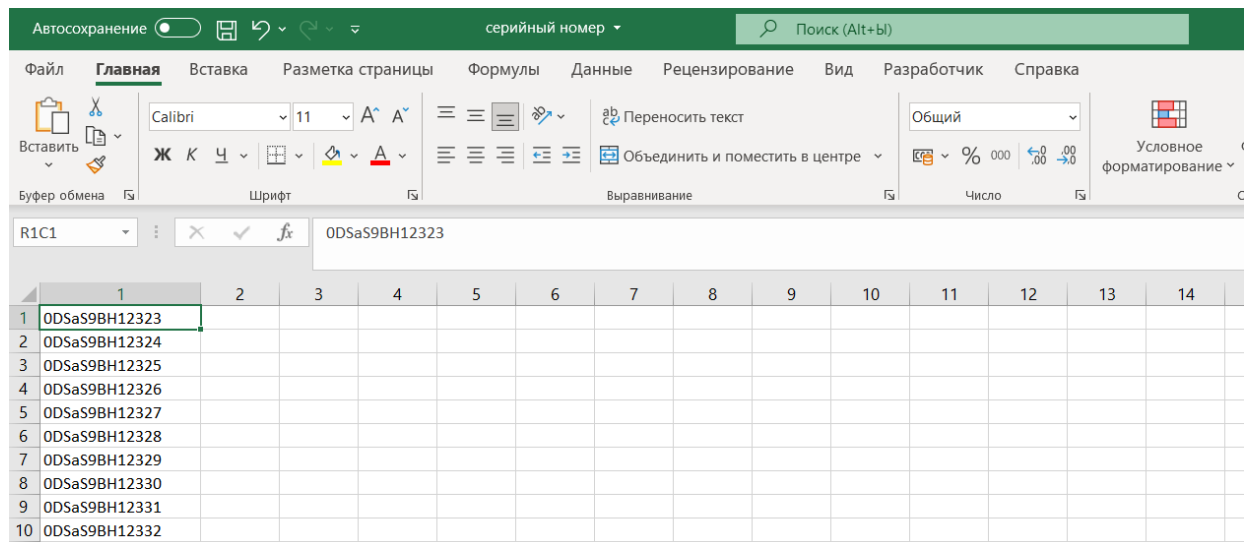
This format can be opened by most editors capable of working with tables and texts, including Excel, Notepad, Notepad, etc.



*Example of a CSV file opened via NotePad
Figure 87*

You can create a CSV file to download serial numbers when creating an order via NotePad, Notepad, Excel, etc. Below is an example of creating a CSV file from an Excel spreadsheet, which allows you to convert documents to the desired format for uploading to the OMS.

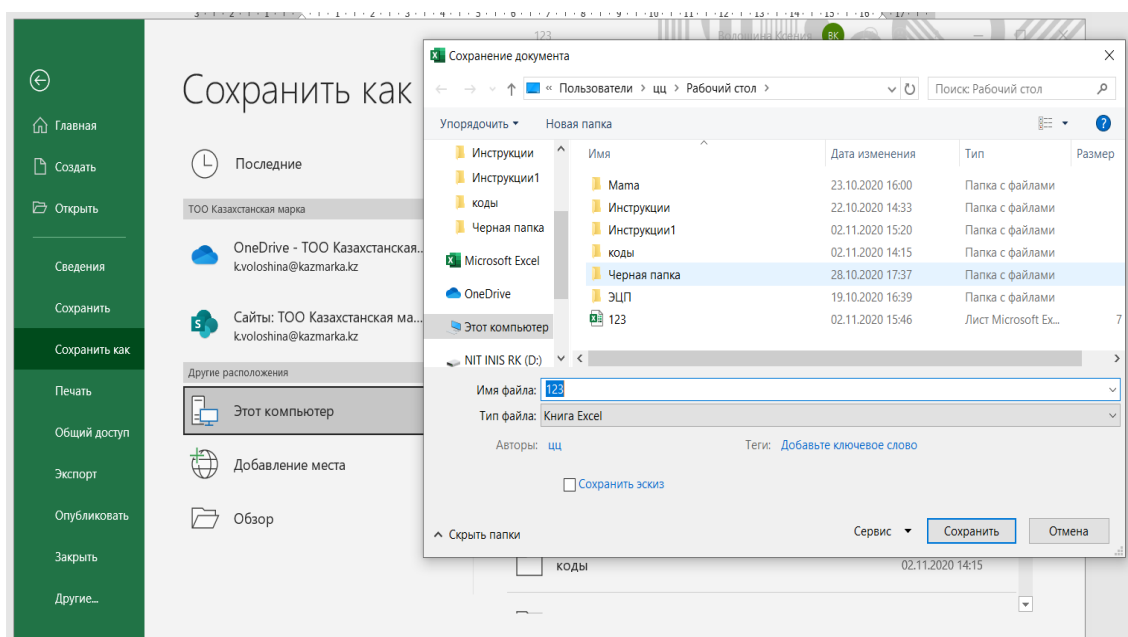
You must enter the serial numbers in column A, as shown in the example.
TG "Medicines" - 13 characters of the serial number



Filling in an xls, xlsx file
Figure 88

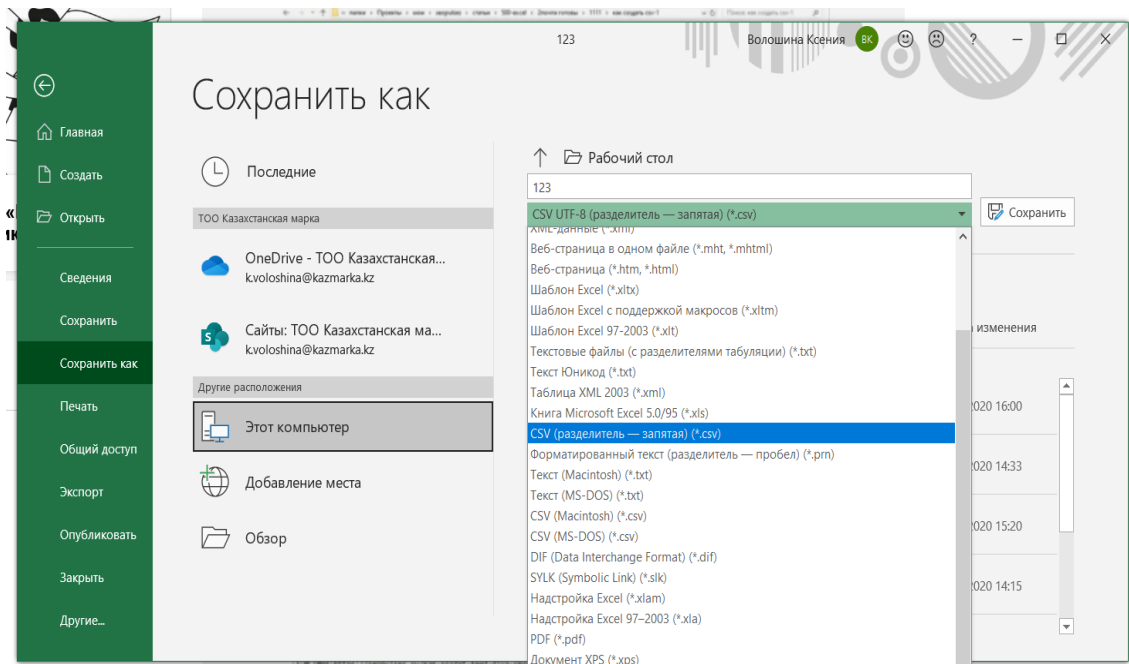
To convert a file to CSV, you will need to click on the "File" button (upper left corner).

Next, select "Save as" and click on "Browse". Select convert file.



Choosing a file to convert
Figure 89

Next, you need to select the CSV format and save it.



Saving a file
Figure 90

2. **XML** (*e X tensible M arkup L anguage*) is an extensible markup language. XML is a text file that is structured in one way or another (according to the standard) for exchange between programs.

This format can be opened by most editors, including Notepad, Notepad, etc.

Below is an example of an xml format file for uploading to the OMS.

```

<?xml version="1.0" encoding="utf-8"?>
<order xmlns="urn:oms.order" xsi:schemaLocation="urn:oms.order schema.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <pharma>
    <productGroupe>pharma</productGroupe>
    <factoryId>1</factoryId>
    <factoryName></factoryName>
    <factoryAddress></factoryAddress>
    <factoryCountry>RU</factoryCountry>
    <productionLineId>1</productionLineId>
    <productCode>04603988016979</productCode>
    <productDescription>парацетамол</productDescription>
    <poNumber>1</poNumber>
    <releaseMethodType>IMPORT</releaseMethodType>
    <expectedStartDate>2022-05-26</expectedStartDate>
    <country></country>
    <products>
      <product>
        <gtin>04603988016979</gtin>
        <quantity>2</quantity>
        <serialNumberType>OPERATOR</serialNumberType>
        <templateId>5</templateId>
      </product>
    </products>
  </pharma>
</order>

```

It is necessary to edit the XML format file for import into the OMS in accordance with the XSD scheme, which is given below.

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSpy v2020 sp1 (http://www.altova.com) by DDD (DDD) -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="urn:oms.order"
targetNamespace="urn:oms.order" elementFormDefault="qualified"
attributeFormDefault="unqualified">
  <xs:element name="order">
    <xs:annotation>
      <xs:documentation>Заказ кодов маркировки</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:choice>
        <xs:element name="shoes" type="OrderShoesType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы «Обувные
товары»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="alcohol" type="OrderAlcoholType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы
«Алкоголь»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="tobacco" type="OrderTobaccoType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы «Табачная
продукция»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="pharma" type="OrderPharmaType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы
«Лекарственные препараты для медицинского применения»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="milk" type="OrderMilkType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы «Молочная
продукция»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="lp" type="OrderLpType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы «Предметы
одежды, белье постельное, столовое, туалетное и кухонное»</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="water" type="OrderWaterType">
          <xs:annotation>
            <xs:documentation>Категория товарной группы
«Упакованная вода и сахаросодержащие напитки»</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
  <!-- simpleType -->
  <xs:simpleType name="serialNumberType">
    <xs:annotation>
      <xs:documentation>Способ формирования серийного номера.
Самостоятельно - SELF_MADE, Оператором - OPERATOR </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="SELF_MADE"/>
    </xs:restriction>
  </xs:simpleType>

```

```

<xs:annotation>
  <xs:documentation>Способ изготовления.</xs:documentation>
</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="SELF MADE"/>
  <xs:enumeration value="CEM"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="productGroupType">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="shoes"/>
    <xs:enumeration value="tobacco"/>
    <xs:enumeration value="alcohol"/>
    <xs:enumeration value="pharma"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="cisType">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="UNIT"/>
    <xs:enumeration value="GROUP"/>
  </xs:restriction>
</xs:simpleType>
<!-- OrderProducts -->
<xs:complexType name="OrderProduct">
  <xs:sequence>
    <xs:element name="gtin">
      <xs:annotation>
        <xs:documentation>Код товара (GTIN)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="14"/>
          <xs:pattern value="[0-9]{14}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="quantity">
      <xs:annotation>
        <xs:documentation>Количество кодов
маркировки</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="150000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="serialNumberType">
      <xs:annotation>
        <xs:documentation>Способ генерации серийных
номеров.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>

```



```

<xs:annotation>
    <xs:documentation>Способ формирования серийного
номера. Самостоятельно - SELF_MADE, Оператором - OPERATOR
</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="SELF_MADE"/>
        <xs:enumeration value="OPERATOR"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="serialNumbers" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Массив серийных номеров. Это поле
указывается в случае, если значение «serialNumberType = SELF_MADE»
</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence maxOccurs="150000">
            <xs:element name="serialNumber" type="xs:string"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="OrderProductShoes">
    <xs:complexContent>
        <xs:extension base="OrderProduct">
            <xs:sequence>
                <xs:element name="templateId">
                    <xs:annotation>
                        <xs:documentation>Идентификатор шаблона
КМ</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:positiveInteger">
                            <xs:enumeration value="1"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderProductTobacco">
    <xs:complexContent>
        <xs:extension base="OrderProduct">
            <xs:sequence>
                <xs:element name="templateId">
                    <xs:annotation>
                        <xs:documentation>Идентификатор шаблона
КМ</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:positiveInteger">
                            <xs:enumeration value="3"/>
                            <xs:enumeration value="4"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>

```

```

</xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderProductAlcohol">
  <xs:complexContent>
    <xs:extension base="OrderProduct">
      <xs:sequence>
        <xs:element name="cisType">
          <xs:annotation>
            <xs:documentation>Тип КМ</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="cisType">
              <xs:enumeration value="UNIT"/>
              <xs:enumeration value="GROUP"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="templateId">
          <xs:annotation>
            <xs:documentation>Идентификатор шаблона
КМ</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:enumeration value="13"/>
              <xs:enumeration value="17"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderProductPharma">
  <xs:complexContent>
    <xs:extension base="OrderProduct">
      <xs:sequence>
        <xs:element name="templateId">
          <xs:annotation>
            <xs:documentation>Идентификатор шаблона
КМ</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:enumeration value="2"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Orders -->
<xs:complexType name="OrderType" abstract="true"/>
<xs:complexType name="OrderAlcoholType">
  <xs:complexContent>
    <xs:extension base="OrderType">
      <xs:sequence>
        <xs:annotation>
          <xs:documentation>Категория товарной группы
«Алкоголь»</xs:documentation>
        </xs:annotation>
        <xs:element name="productGroupe">

```

```

<xs:annotation>
    <xs:documentation>Категория товарной группы
<АЛКОГОЛЬ></xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="productGroupType">
            <xs:enumeration value="alcohol"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="contactPerson" type="xs:string">
    <xs:annotation>
        <xs:documentation>Контактное
лицо</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="releaseMethodType">
    <xs:annotation>
        <xs:documentation>Способ выпуска товаров в
оборот</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="releaseMethodType">
            <xs:enumeration value="PRODUCTION"/>
            <xs:enumeration value="IMPORT"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="createMethodType">
    <xs:annotation>
        <xs:documentation>Способ изготовления
СИ</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="createMethodType">
            <xs:enumeration value="SELF_MADE"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="productionOrderId" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Идентификатор производственного
заказа.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="products">
    <xs:annotation>
        <xs:documentation>Список продуктов
</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence maxOccurs="10">
            <xs:element name="product"
type="OrderProductAlcohol">
                <xs:annotation>
                    <xs:documentation>Продукт</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>

```

```

</xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderShoesType">
  <xs:complexContent>
    <xs:extension base="OrderType">
      <xs:sequence>
        <xs:element name="productGroupe">
          <xs:annotation>
            <xs:documentation>Категория товарной группы
«Обувные товары»</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="productGroupType">
              <xs:enumeration value="shoes"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="contactPerson" type="xs:string">
          <xs:annotation>
            <xs:documentation>Контактное
лицо</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="releaseMethodType">
          <xs:annotation>
            <xs:documentation>Способ выпуска товаров в
оборот</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="releaseMethodType">
              <xs:enumeration value="PRODUCTION"/>
              <xs:enumeration value="IMPORT"/>
              <xs:enumeration value="REMAINS"/>
              <xs:enumeration value="CROSSBORDER"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="createMethodType">
          <xs:annotation>
            <xs:documentation>Способ изготовления
СИ</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="createMethodType">
              <xs:enumeration value="SELF_MADE"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="productionOrderId" type="xs:string"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>Идентификатор производственного
zakasa.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="products">
          <xs:annotation>
            <xs:documentation>Список продуктов
</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence minOccurs="1" maxOccurs="10">

```

```

<xs:element name="product" type="OrderProductShoes">
    <xs:annotation>
        <xs:documentation>Продукт</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderTobaccoType">
    <xs:complexContent>
        <xs:extension base="OrderType">
            <xs:sequence>
                <xs:element name="productGroupe">
                    <xs:annotation>
                        <xs:documentation>Категория товарной группы
«Табачная продукция»</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="productGroupType">
                            <xs:enumeration value="tobacco"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="factoryId" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Идентификатор производства.
(Глобальный номер места нахождения)</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="factoryName" type="xs:string"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Наименование
производства.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="factoryAddress" type="xs:string"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Адрес
производства.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="factoryCountry" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Страна
производителя</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="productionLineId" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Идентификатор производственной
линии.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="productCode" type="xs:string">
                    <xs:annotation>
                        <xs:documentation>Код продукта
(SKU)</xs:documentation>

```

```

</xs:annotation>
    </xs:element>
    <xs:element name="productDescription" type="xs:string">
        <xs:annotation>
            <xs:documentation>Описание
продукта</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="poNumber" type="xs:string">
        <xs:annotation>
            <xs:documentation>Номер производственного
заказа</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="expectedStartDate" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Дата начала производства
продукции по данному заказу.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:pattern value="[0-9]{4}-(0[1-9]|1[012])-(
(0[1-9]|1[0-9]|2[0-9]|3[01]))"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="products">
        <xs:annotation>
            <xs:documentation>Список
продуктов</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence minOccurs="1" maxOccurs="10">
                <xs:element name="product"
type="OrderProductTobacco">
                    <xs:annotation>
                        <xs:documentation>Продукт</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="OrderPharmaType">
    <xs:complexContent>
        <xs:extension base="OrderType">
            <xs:sequence>
                <xs:element name="productGroupe">
                    <xs:annotation>
                        <xs:documentation>Категория товарной группы
«Лекарственные препараты для медицинского применения»</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="productGroupType">
                            <xs:enumeration value="pharma"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="factoryId" type="xs:string">

```

```

<xs:annotation>
    <xs:documentation>Идентификатор производства.
    (Глобальный номер места нахождения) </xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="factoryName" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Наименование
        производства.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="factoryAddress" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Адрес
        производства.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="factoryCountry" type="xs:string">
    <xs:annotation>
        <xs:documentation>Страна
        производителя</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="productionLineId" type="xs:string">
    <xs:annotation>
        <xs:documentation>Идентификатор производственной
        линии.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="productCode" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Код продукта
        (SKU)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="productDescription" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Описание
        продукта</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="poNumber" type="xs:string"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Номер производственного
        заказа</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="expectedStartDate" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Дата начала производства
        продукции по данному заказу.</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:pattern value="[0-9]{4}-(0[1-9]|1[012])-(
        0[1-9]|1[0-9]|2[0-9]|3[01])"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>

```

```
<xs:element name="product" type="OrderProductPharma">
    <xs:annotation>
<xs:documentation>Продукт</xs:documentation>
    </xs:annotation>
    </xs:element>
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    </xs:extension>
    </xs:complexContent>
    </xs:complexType>
</xs:schema>
```


2.6.3.8. Templates of marking codes for product groups).

Commodity group "Medicinal products for medical use"

Structure and format of the labeling code of consumer packaging

The structure of the marking code establishes the following requirements:

№	Data Group	Number of characters	Note
1	Product code	14	Contains the product code (GTIN), preceded by the application identifier (01), generated by the operator on the basis of information submitted by a participant in the turnover of shoe goods
2	Serial number	13	Generated by the operator or the participant of the turnover (digits, lowercase and uppercase letters of the Latin alphabet, as well as special characters) and contains an individual serial number of the unit of goods, preceded by the application identifier (21). As the final character for this group, a special separator character is used, which has the code 29 in the ASCII character table
3	Verification key	4	Contains the verification key preceded by the application identifier (91) and generated by the operator. It consists of numbers, lowercase and uppercase letters of the Latin alphabet. The final character for this data group is a special delimiter character with code 29 in the ASCII character table.
4	Verification code	44	Contains the verification code preceded by the application identifier (92) and generated by the operator (digits, lowercase and uppercase letters of the Latin alphabet, as well as special characters).

The product code and serial number form the product identification code.

Example of KM of medicines: product code 04870046198488.

01 04870046198488	21 3z+S- i3z+S-i:	91 reSA	92 XBjhasbxahjs5rt68 sxasxsxsczxcXsdc#\$\$%^&*())
AI Product Code	AI Serial Number	AI Verification Key	AI Verification Key

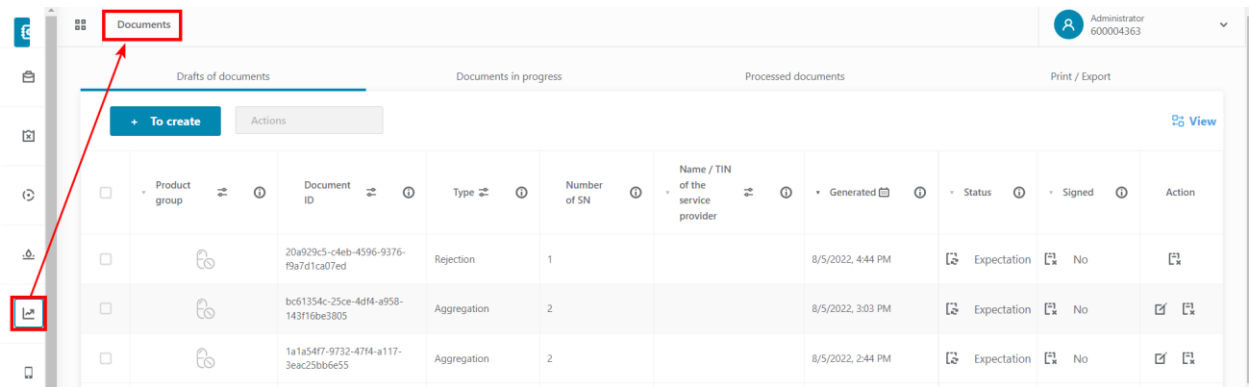
The drug identification tool is provided in the form of a two-dimensional barcode in the GS1-Data Matrix format

Structure and format of the transport package identification code

An identification tool is applied to the transport package in the form of a linear barcode in the Code 128 format in accordance with ISO/IEC 15417-2013, containing a unique identifier of the transport package, which is a unique identifier of the transport package in the form of a Serial Shipping Container Code.

2.6.3.9. Documents

To view documents in the main menu, select the "Documents" item, after which a table with a list of documents will appear in the data display area (Figure 91).

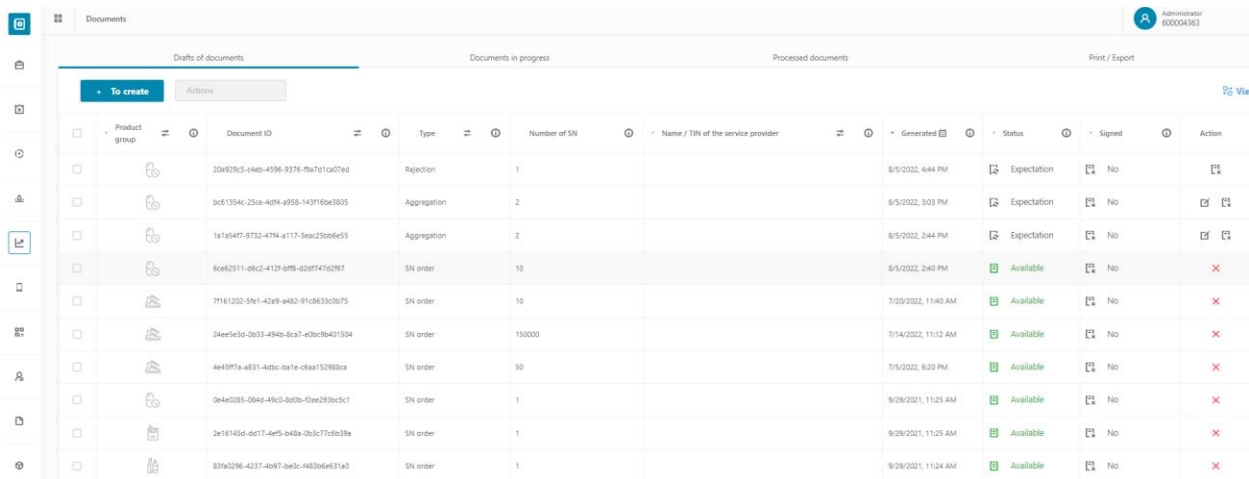


Viewing documents

Figure 91

There are 4 tabs in the Documents menu:

- 1) **Drafts of documents** (Figure 92);
- 2) **Documents in progress** (Figure 93);
- 3) **Processed documents** (Figure 94);
- 4) **Print/Export** (Figure 95).



Drafts of documents

Figure 92

Drafts of documents		Documents in progress		Processed documents		Print / Export	
Product group	Document ID	Type	Product code / number of SN	Generated	Status		
	20e929c3-c4eb-4596-9376-b9a7e1ca07ed	Rejection		8/5/2022, 4:44 PM	At work		
	0ea0393-1017-4ee6-96af-4395ca20558a	Application		8/5/2022, 3:26 PM	At work		
	bc61354c-25ce-4d04-a950-143f160a3805	Aggregation		8/5/2022, 3:03 PM	At work		
	1a1a547f-9732-4704-a117-3eac25b0be55	Aggregation		8/5/2022, 2:44 PM	At work		
	6ce62511-d6c2-412f-bf05-d20f747d2f67	SN order	04603988013572 (10)	8/5/2022, 2:40 PM	At work		
	7f161202-5fe1-42e9-a482-91c8633cb075	SN issuance	00191028060272 (2)	8/3/2022, 3:57 PM	At work		
	896c7b4b-3022-4120-bef0-b026fab939c2	Application		8/3/2022, 10:49 AM	At work		
	7f161202-5fe1-42e9-a482-91c8633cb075	SN issuance	00191028060272 (3)	8/1/2022, 3:38 PM	At work		
	7f161202-5fe1-42e9-a482-91c8633cb075	SN issuance	00191028060272 (1)	8/1/2022, 3:37 PM	At work		
	4ea59f7a-a831-4d0c-ba1e-c5aa152988ca	SN issuance	00191028060272 (1)	7/21/2022, 4:56 PM	At work		

Documents in progress

Figure 93

Черновики документов		Документы в работе		Обработанные документы		Печать / Экспорт	
Товарная группа	Идентификатор документа	Тип	Код товара / количество КМ	Создан	Закрыт	Статус	
	9b50431-a31d-421e-af00-99fda350a0a6	Заказ КМ	04600484523847 (2)	27.11.2020, 15:47	27.11.2020, 15:50	Обработан с ошибкой	
	a1a00a0e-a08c-4ee2-bc49-205a0f0d1180	Заказ КМ	04870239620048 (1)	27.11.2020, 15:40	27.11.2020, 15:44	Обработан с ошибкой	
	80480a9f-c07a-43ab-b10d-b393343db690	Заказ КМ	04870239620048 (5)	27.11.2020, 15:33	27.11.2020, 15:44	Обработан с ошибкой	
	259baa03-e137-4541-b5dc-0950077aba1	Заказ КМ	04600484523847 (5)	27.11.2020, 15:31	27.11.2020, 15:35	Обработан с ошибкой	
	3ac79a79-a033-4908-a52a-a09b2570562b	Заказ КМ	04870239620048 (5)	27.11.2020, 15:29	27.11.2020, 15:35	Обработан с ошибкой	
	aab3d3d5-a038-420a-b001-1891af5aeeed	Назначение		27.11.2020, 15:28	27.11.2020, 15:28	Обработан с ошибкой	
	1398a0c9-7290-42b7-95cd-808baa9a7d6f	Назначение		27.11.2020, 15:24	27.11.2020, 15:26	Обработан с ошибкой	
	287a09f5-a1ea-40f5-b20f-8244011a17d0	Заказ КМ	04870239620040 (20)	27.11.2020, 13:58	27.11.2020, 14:00	Обработан	
	0c40a70a-7a23-4a41-8a52-ca0b025737d	Заказ КМ	04870239620041 (2)	27.11.2020, 13:56	27.11.2020, 14:00	Обработан	
	590aa184-3070-4843-b9c2-d58090960018	Архивация		27.11.2020, 13:41	27.11.2020, 13:48	Обработан	

Processed documents

Figure 94

Drafts of documents

Documents in progress

Processed documents

Print / Export

This tab displays orders and reports that the user can work with (editing and deleting drafts of documents, submitting information)

Product group

Order ID

Product code

Print date

Number of SN

Printing is available until

Execution time

Status

Actions

6ce62511-d6c2-412f-bf05-d20f747d2f67

04603988013572

8/5/2022, 3:08 PM

10

8/7/2022, 3:08 PM

8/5/2022, 3:09 PM

Processed

7f161202-5fe1-42e9-a482-91c8633cb075

00191028060272

8/3/2022, 3:57 PM

2

8/3/2022, 3:57 PM

Processed

7f161202-5fe1-42e9-a482-91c8633cb075

00191028060272

8/1/2022, 3:38 PM

3

8/1/2022, 3:38 PM

Processed

7f161202-5fe1-42e9-a482-91c8633cb075

00191028060272

8/1/2022, 3:37 PM

1

8/1/2022, 3:37 PM

Processed

4ea59f7a-a831-4d0c-ba1e-c5aa152988ca

00191028060272

7/21/2022, 4:56 PM

1

7/21/2022, 4:56 PM

Processed

24ee5e3d-0b33-494b-8ca7-e0bc9b401504

00191028060272

7/14/2022, 4:52 PM

3000

7/14/2022, 4:52 PM

Processed

24ee5e3d-0b33-494b-8ca7-e0bc9b401504

00191028060272

7/14/2022, 4:41 PM

2000

7/14/2022, 4:41 PM

Processed

24ee5e3d-0b33-494b-8ca7-e0bc9b401504

00191028060272

7/14/2022, 12:12 PM

20000

7/14/2022, 12:12 PM

Processed

4ea59f7a-a831-4d0c-ba1e-c5aa152988ca

00191028060272

7/12/2022, 12:05 PM

10

7/12/2022, 12:05 PM

Processed

e07a7488-3044-4d00-9aee-de1767318999

04620061670877

8/23/2021, 11:56 AM

1

7/7/2022, 5:24 PM

Processed

2

3

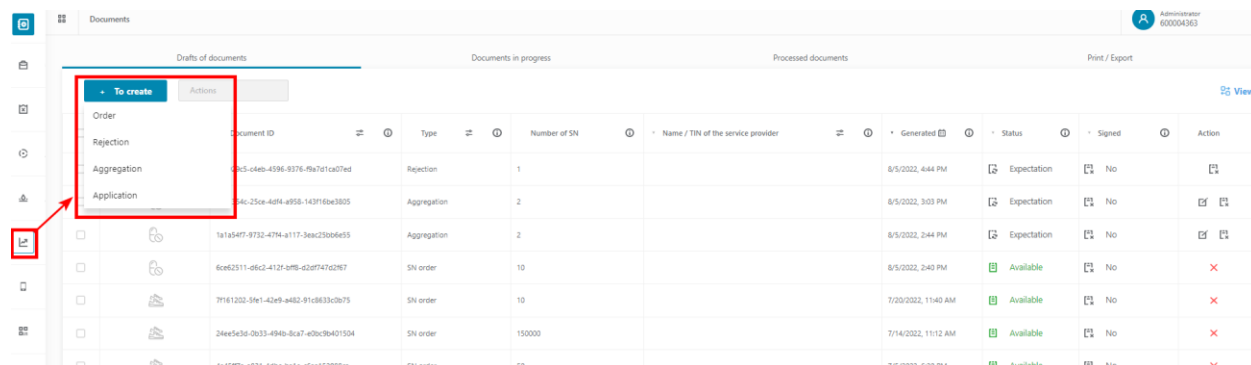
4

Total: 33

Print/Export

Figure 95

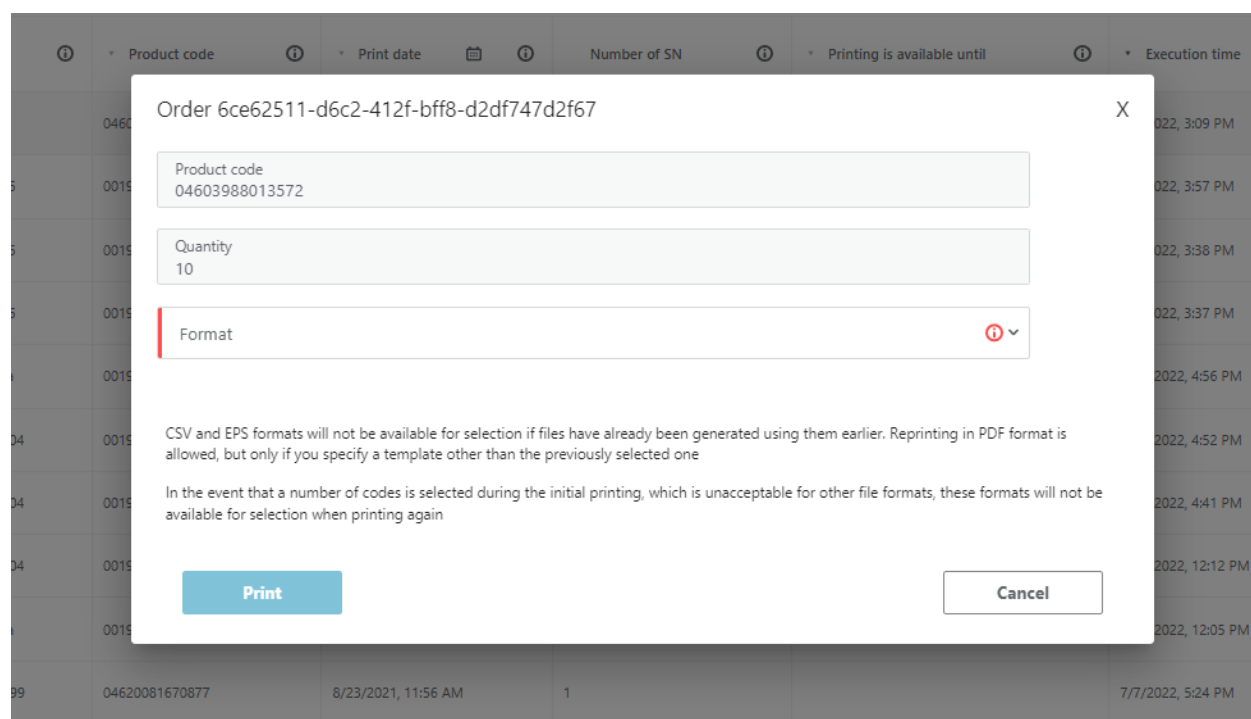
In the "Documents" menu on the "Drafts of documents" tab, it is possible to create an order for the issue of codes, reports on Aggregation, Rejection and Application. To do this, click on the "Create" button and select the desired report (Figure 96).



Creating reports

Figure 96

In the "Print/Export" tab, if necessary, you can re-print the Marking Codes in PDF, CSV, EPS formats (Figure 97).



Re-printing mc

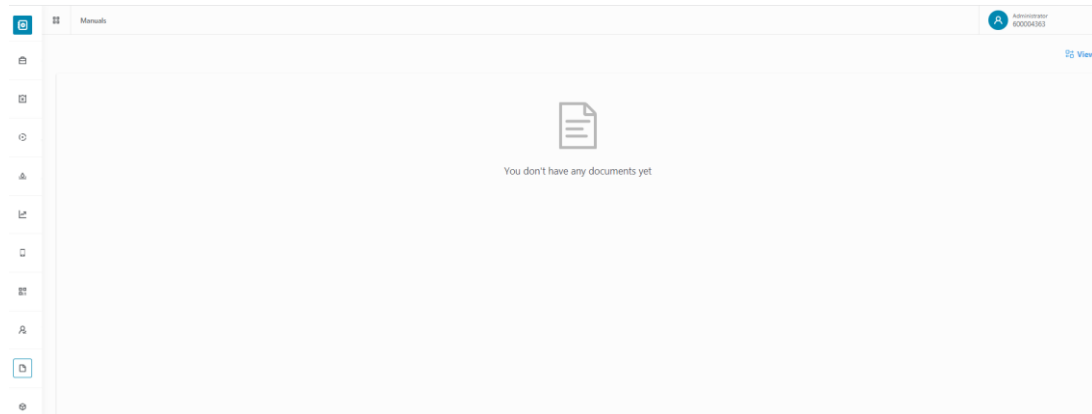
Figure 97

Attention! After the marking codes are exhausted, the order is closed automatically after 3 days. Re-printing of the marking codes will not be available.

Attention! Information about processed reports is stored in the OMS for 30 days! After the expiration of 30 days, all information about processed reports is deleted.

2.6.3.10. Manuals

To view the system operation documentation, select the "Manuals" item in the main menu, after which a table with a list of documents will appear in the data display area (Figure 98).



Viewing documentation

Figure 98

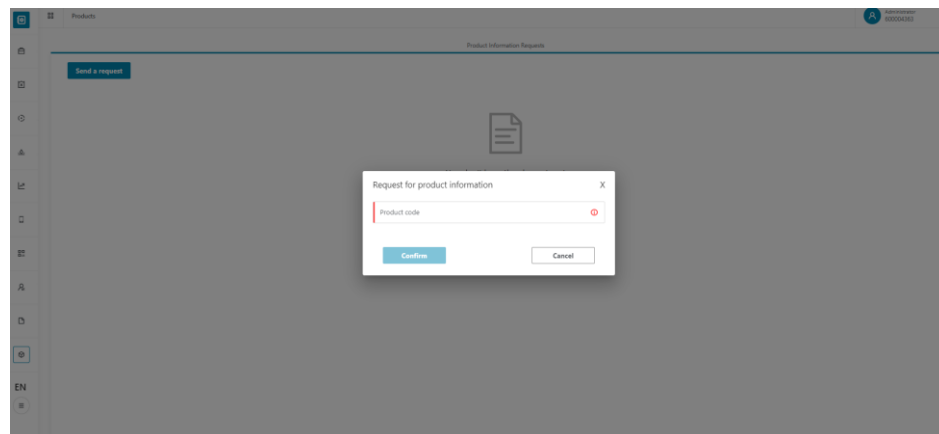
At the moment, the section is in the process of filling with documentation, so the message "You don't have any documents yet" may come out.

2.6.3.11. Products

The OMS implements the functionality of checking the validity of GTIN, as well as its presence in the MTG IS and belonging to the owner.

To check the product, go to the "Products" menu item, click the "Send request" button. After that, in the window that opens, you need to enter the GTIN of the product to be checked.

After processing the request, you will receive a message about the validity and status of this product.

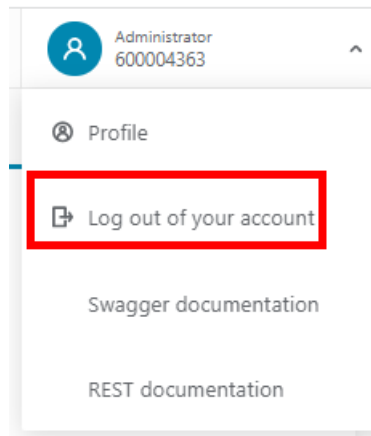


Menu item "Products"

Figure 99

2.7. Completion of the program

To finish working with the program, select the "Administrator/Operator" item in the right part of the information panel, after which a menu will appear in which you need to select "Log out of account" (Figure 100).



Information Panel menu

Figure 100

After selecting the "Log out of account" option, the session with the program ends, after which you can close the Web browser in any of the acceptable ways. Additional actions for unloading the program from the RAM of the OMS Administrator/OMS operator of the CPS is not required.

LIST OF TERMS

The following terms are used in this document:

1) Computer hardware (CH) — a PC (personal electronic computer) or other computing equipment (mainframe, minicomputer, microcomputer, PDA (pocket personal computer), computer terminal).

CH for individual use — computing equipment that provides:

- automation of the computing component of the daily activities of the Customer's employees;
- access to information services that automate the business processes of the Customer's enterprise.

CH for collective use — computing equipment designed for:

- organization of a computing platform that provides automation of the Customer's business processes;
- control and configuration of the CH included in the automated system;
- accumulation and processing of data used in the automation of the Customer's business processes.

General software — a set of software components that provides a minimum of the CH functionality:

- the environment for launching and running other software tools (operating system);
- tools for working with structured data sets (DBMS);
- tools for accessing Internet resources (Web browser);
- means for publishing CH resources on the Internet (Web server).

Special software is a set of software components specially developed for this particular CH (not "boxed software").

Terminal equipment — devices and devices controlled by an automated system directly (via infocommunication channels) or indirectly (through functional interaction with adjacent systems) and designed to perform technological functions (printer, scanner, recorder, controller, etc.).

LIST OF ABBREVIATIONS

AWP	Automated workplace
AS	Automated system
MTG IS	Marking and traceability of goods information system
MC	Marking code
CTM	Complex of technical means
OS	Operating system
GS	General software
Software	Software
PC	Personal electronic computer
CH	Computer hardware
MI	Means of identification
SS	Special software
SDMS	Synchronization and Document Management Server
GTIN	eng. Global Trade Item Number is an international code for marking and accounting of logistics units for goods, designed for unique identification of a product in trade.
XML	Extensible markup language
API	eng. application programming interface, the application programming interface