



# Instruction for User

*«AntiTheft ver.1.0»*

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## 1. System requirements

### Software requirements:

- [ Operational system Windows XP, Windows 7, Windows 8, Windows 8.1
- [ Microsoft .Net Framework 3.5 and Microsoft .Net Framework 4
- [ SQL 2008 Express or upwards.

### Equipment requirements:

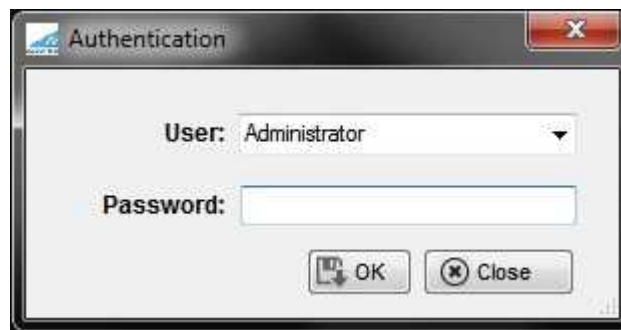
- [ 32-bit systems: a computer with an Intel processor or with a processor that is compatible with a clock frequency of 1 GHz or more (recommended 2 GHz or more).
- [ 64-bit systems: a processor with a clock frequency of 1,4 GHz or more (recommended 2 GHz or even faster).
- [ At least 256 MB of RAM (recommended 1 GB or more).
- [ 1 GB of free disk space.

## 2. Installation

The distribution package includes 2 **setup.exe** file and **AntiTheft.exe**. When you run **setup.exe**, the verification of installed libraries and programs will be initialized, those that are needed for "AntiTheft" functioning. In that case, if any program is missing, the installer prompts you to download it from the Internet. After that the software will be installed, including "AntiTheft." If you run **AntiTheft.exe**, then only "AntiTheft" will be installed.

## 3. Desktop review

After the software installation, the shortcut «**Anti Theft**» will be created on the desktop. The program launch is performed with the help of this shortcut. After starting the system, the user will be prompted to log in. By default, the system automatically creates a user named «Administrator», the password is not specified.



After system log in, the administrator's password can be created.

When you first start, it appears to set the parameters to database connection. Please refer to section «[Database connection setting](#)».

### The desktop contains the following:

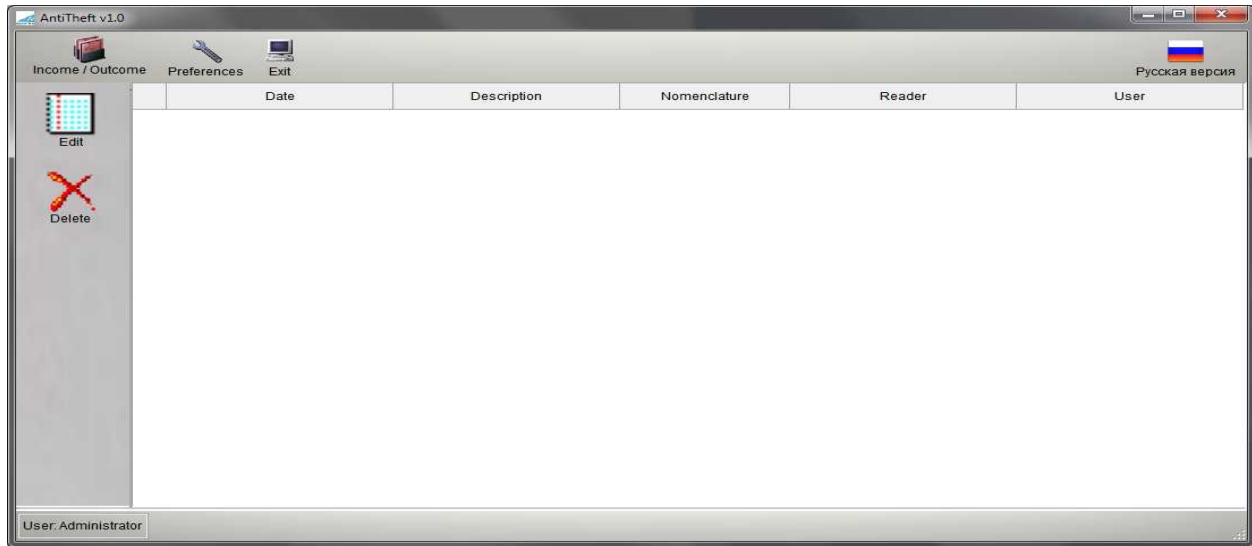
#### Main menu



That consists of the following points

- [ Income/Outcome
- [ Preferences

| Exit



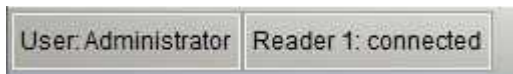
A **command bar**, that is located on the left side.



In this bar there are buttons that allow:

- | Initiate a view of the selected event from the event list
- | Delete the selected event if you have the certain rights for that

An **information dashboard** that is located at the bottom of the screen



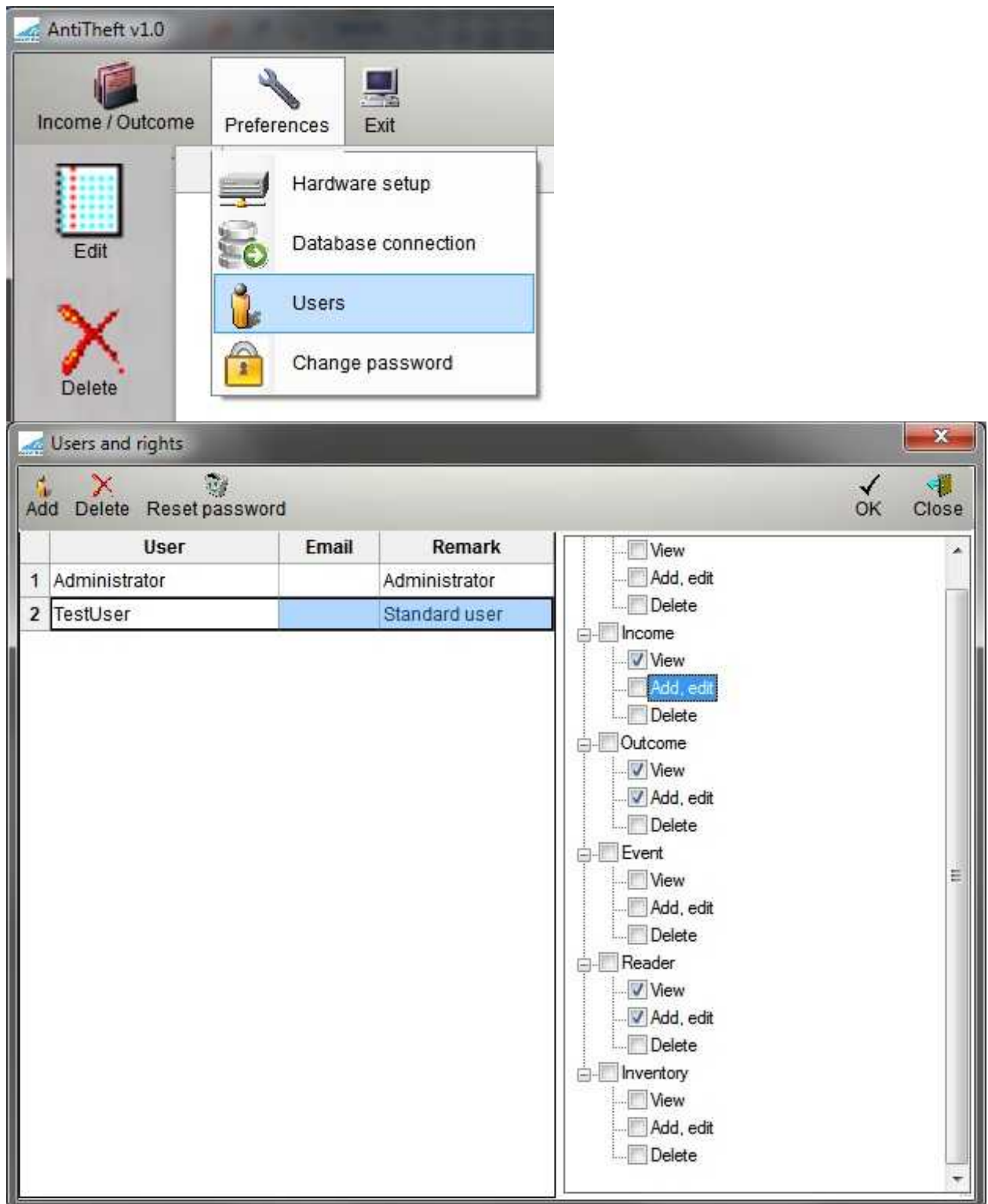
On this dashboard you can see the information about the current system user and the information about the connected readers.

The **event log** that reflects the most recent and the oldest ones.

	Date	Description	Nomenclature	Reader	User
1	21.04.2015 23:56:11	Theft try.	acaasca	test2	Administrator
2	21.04.2015 23:56:01	Theft try.	acaasca	test2	Administrator
3	21.04.2015 23:56:00	Theft try.	acaasca	test2	Administrator
4	21.04.2015 23:55:57	Theft try.	acaasca	test2	Administrator
5	21.04.2015 23:55:54	Theft try.	acaasca	test2	Administrator
6	21.04.2015 23:55:40	Theft try.	acaasca	test2	Administrator
7	21.04.2015 23:55:26	Theft try.	acaasca	test2	Administrator
8	21.04.2015 23:55:13	Theft try.	acaasca	test2	Administrator
9	21.04.2015 23:54:54	Theft try.	acaasca	test2	Administrator
10	21.04.2015 23:52:46	Theft try.	acaasca	test2	Administrator
11	21.04.2015 23:52:28	Theft try.	acaasca	test2	Administrator
12	21.04.2015 23:52:28	Theft try.	acaasca	test2	Administrator
13	21.04.2015 23:52:27	Theft try.	acaasca	test2	Administrator

## 4. Preferences

### 4.1 Users



To add a new user, you must press the same name "Add" button, then on the right side from the users list a list of possible rights will be activated. The verifiable rights need to be ticked and clicked "OK".

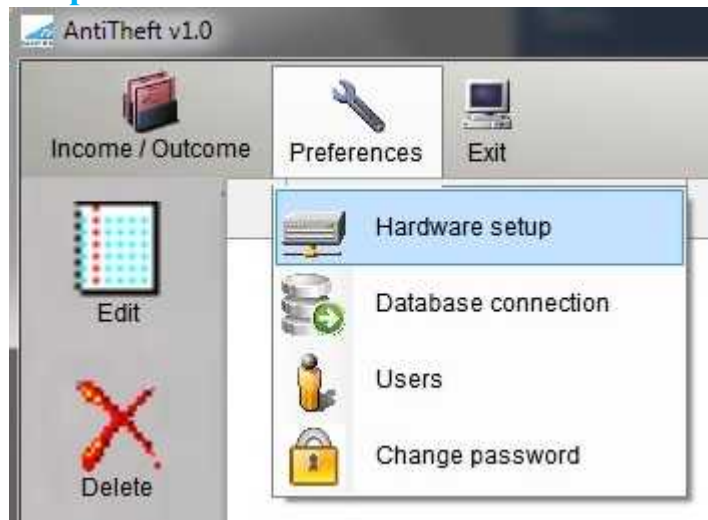
It's possible as well to remove a user from the list, you mark the needed person in the list and click "**Delete.**" You can also reset the password for the user, by pressing "**Reset Password**" button.

In order to set a new password for the user or change the old one, you must log into the system using a user's profile. To select the menu item "**Preferences**" - "**Change password**". Then a following window will pop up:



In this form you fill in the current password and set a new one.

## 4.2 Hardware setup



In the reference guide you can add 6 readers.

Hardware list

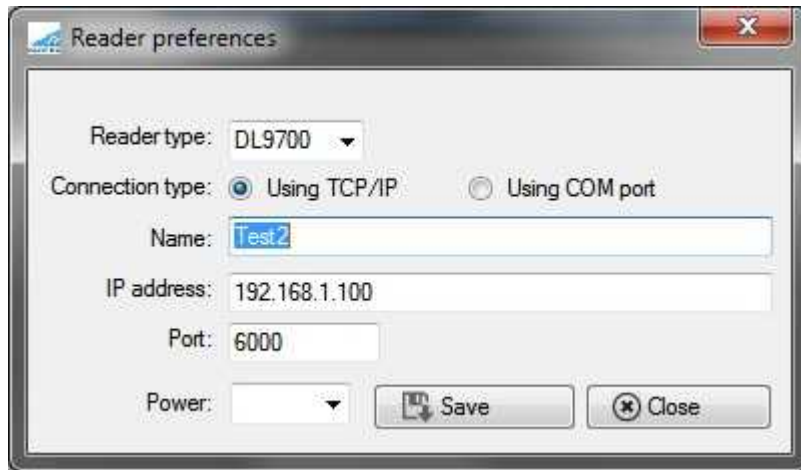
Add Edit Delete

	Name	IP address	Port	Using in documents
1	Test		COM1	No
2	Test2	192.168.1.100	6000	No

Nomenclature

Add Edit Delete Save Load

	Name
▶ 1	Test1
2	Test2



In this form you set the parameters to the readers and a reading power.

### 4.3 Database connection setting



In this form it is necessary to set the parameters for the database connection. In case if you use MS SQL Express (if you have a full installation of our software package, MS SQL Express will be installed), it is necessary to indicate as a server «. \ **Sqlexpress**», tick "**use Windows authentication**» and if this is the first launch of the system, tick "**create a database**". If you

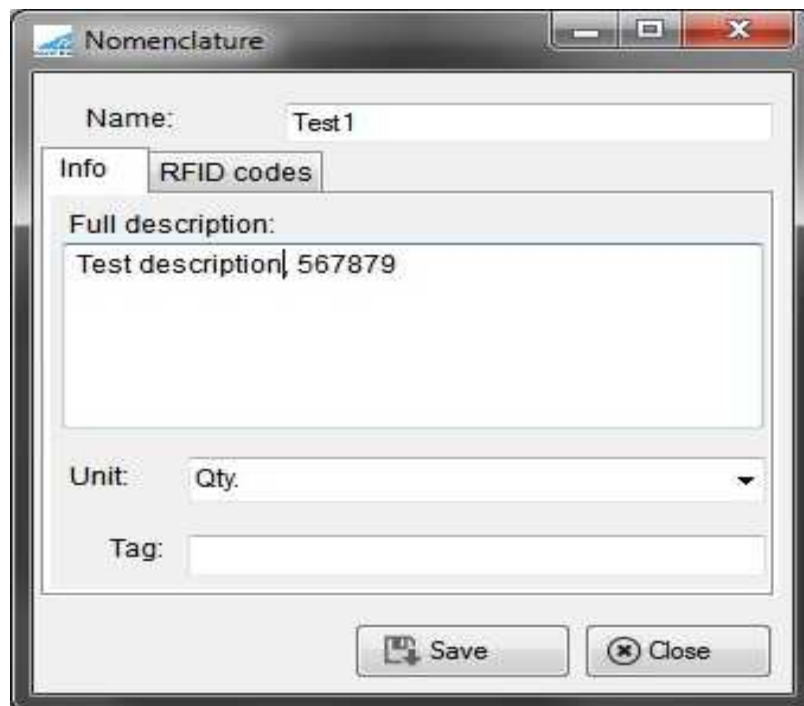


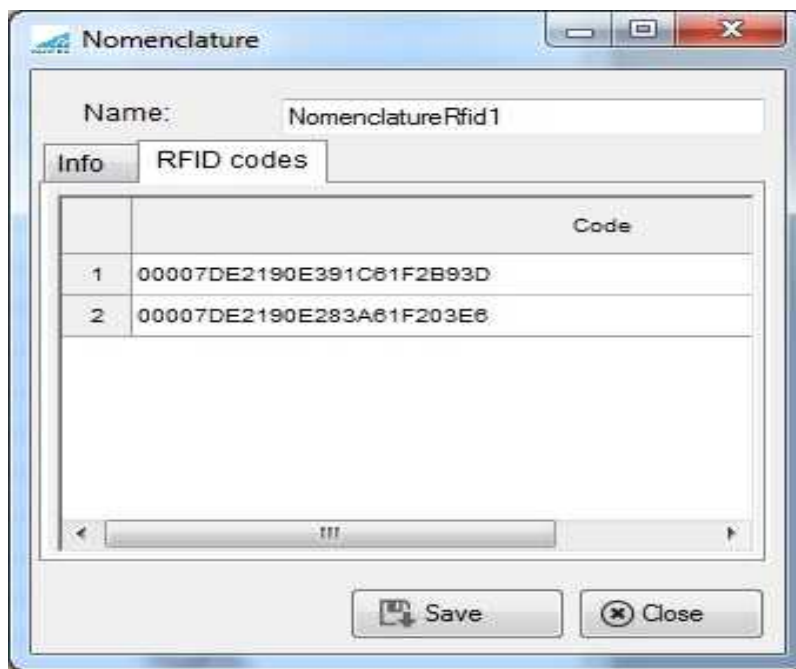
want to use your own copy of MS SQL then connection parameters can vary, please address to an IT specialist of your company.

## 5. Basic information

### 5.1 Nomenclature

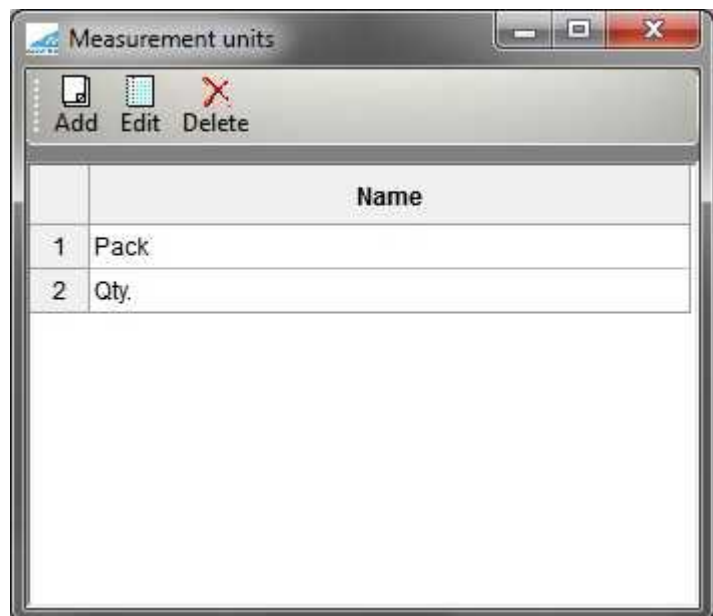
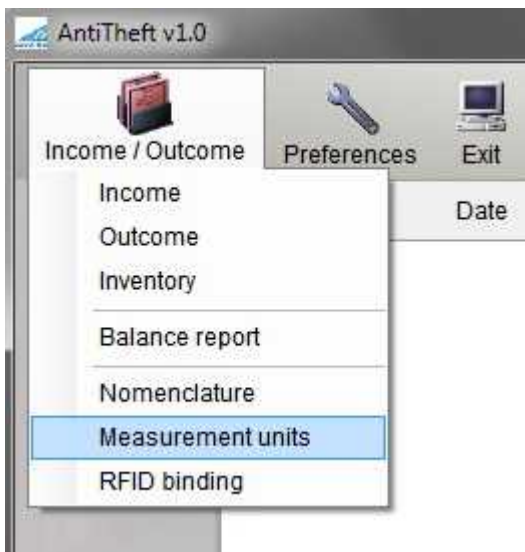
In this reference guide the stored information contains the nomenclature items – the measuring unit, the full name, the tag (a reference mark that will be used to identify the chosen item of the nomenclature, it is optional. If empty, the search will be conducted in the section of RFID codes), the list of «RFID codes" that are related to this nomenclature item. The buttons «Save» and «Import» allow to export the reference guide into Excel-file or to import the reference guide from file.





## 5.2 Measuring units

In this reference guide you find the information about measuring units of nomenclature.



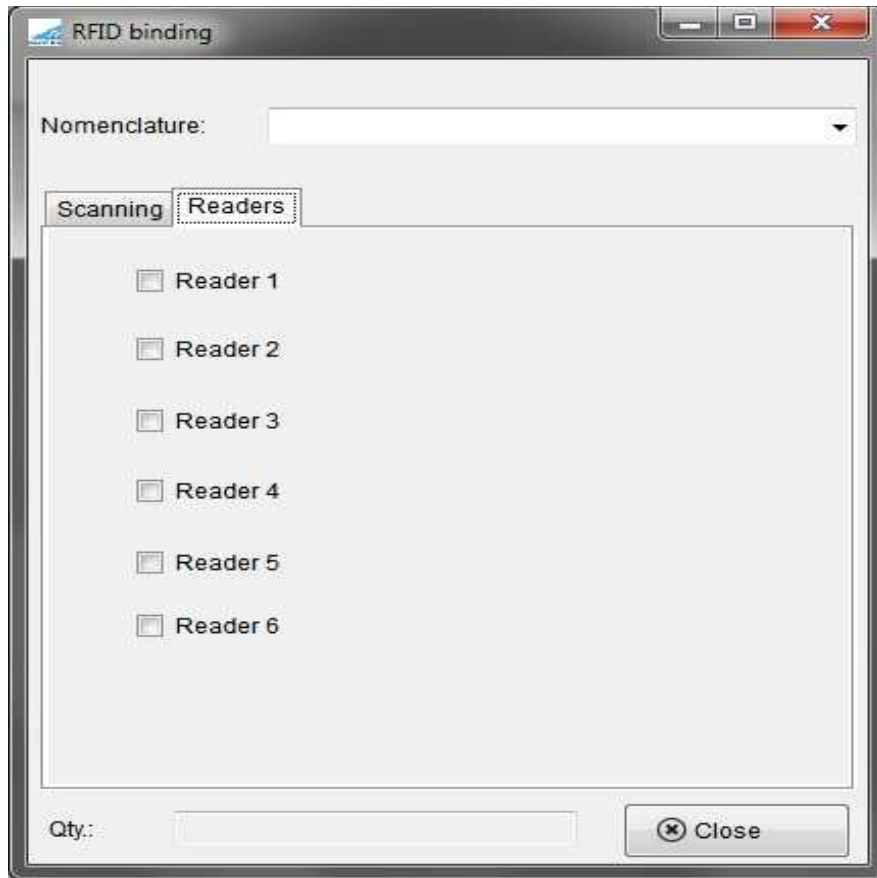
## 5.3 RFID binding



To start a binding process of RFID code to nomenclature you need:

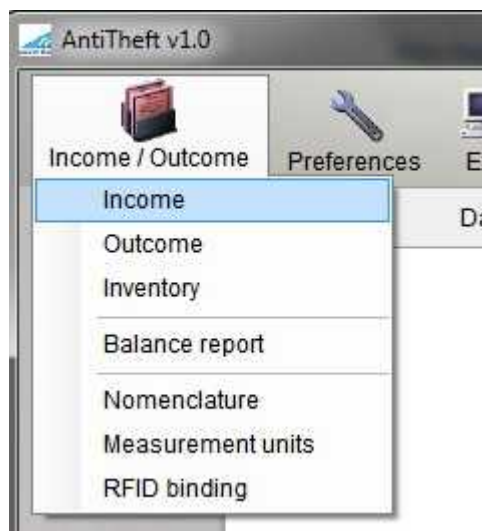
1. In the bookmark «**Readers**» to choose the readers that will be involved in this process.
2. In the bookmark «**Scanning**» **press the button «Scanning».**
3. After finishing the scanning process please press the button «**Abort**».
4. After that if you want to complete a binding process please press the button «Bind» or «Clear» - if you want to repeat the process.





## 6. Goods Income

The document «**Income**» is intended for adding data into the system about the goods income in the context of RFID codes. The call of documents list «**Income**» is made from the menu item «**Income/Outcome**» - «**Income**».



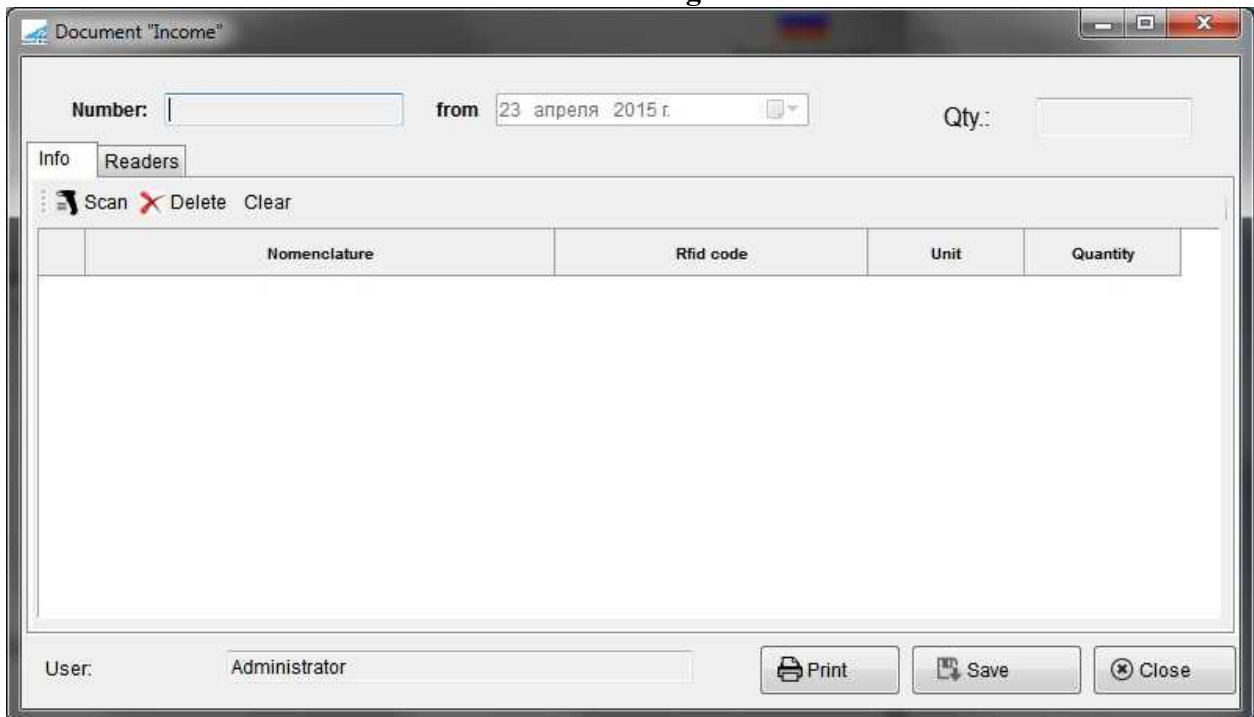


For **adding** a new document into the system you need to press the button «Add».

For **editing** the existing document you need to click twice on the necessary document or to choose it in the list and press the button «Edit».

For **deleting** you need to choose the necessary document in the list and press the button «Delete».

**The document form «Income» consists of the following details:**



[ **Number** – the document number in the system, it's impossible to change.

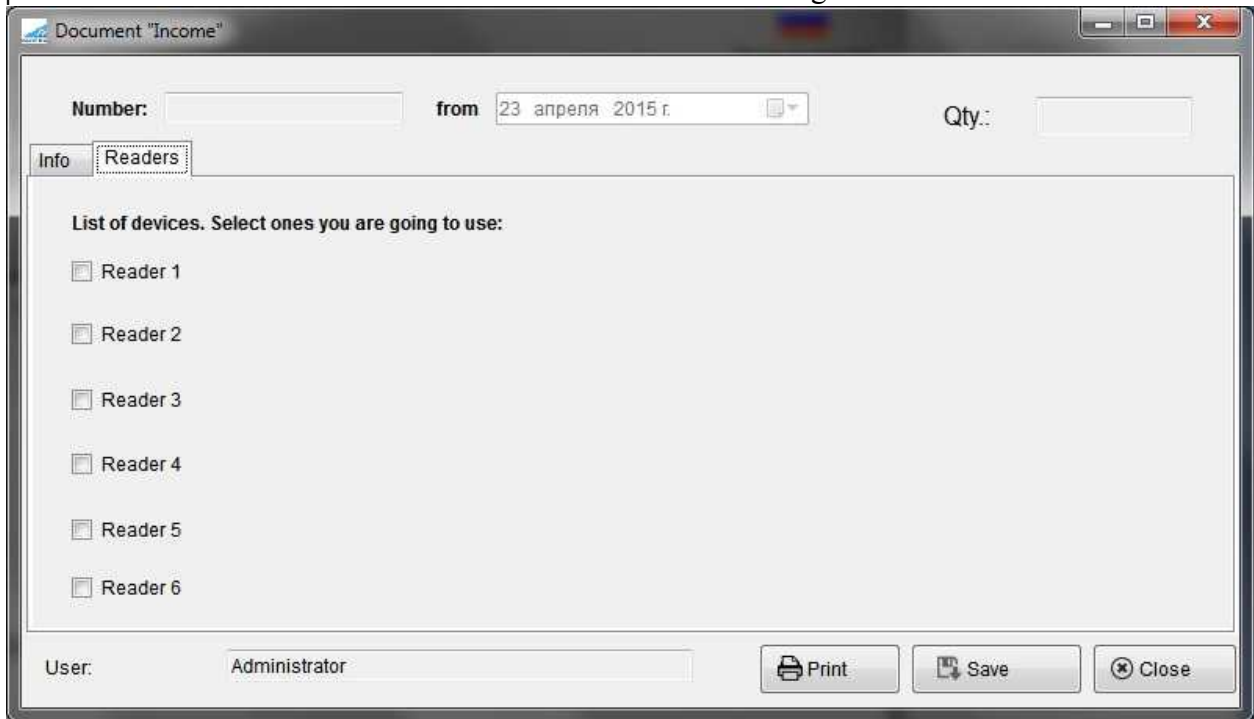
[ **Dated from** – the document's date, it's impossible to change.

[ **Quantity** – the quantity of scanned tags.

[ **The bookmark «Main menu»** - contains a table with the product information in the context of measuring units and RFID codes.

[ **The bookmark «Readers»** - in this bookmark you can choose those readers that will be involved in the scanning process.

- [ **Responsible user** – the user who created the document. It's impossible to change.
- [ **The button «Print»** - it appears the window for printing an invoice.
- [ **The button «Save»** - after pressing the button, the document is recorded into the system.
- [ **The button «Close»** - it closes the document without saving.

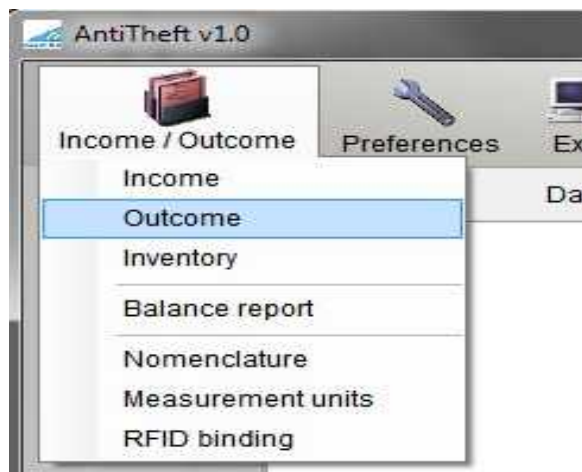


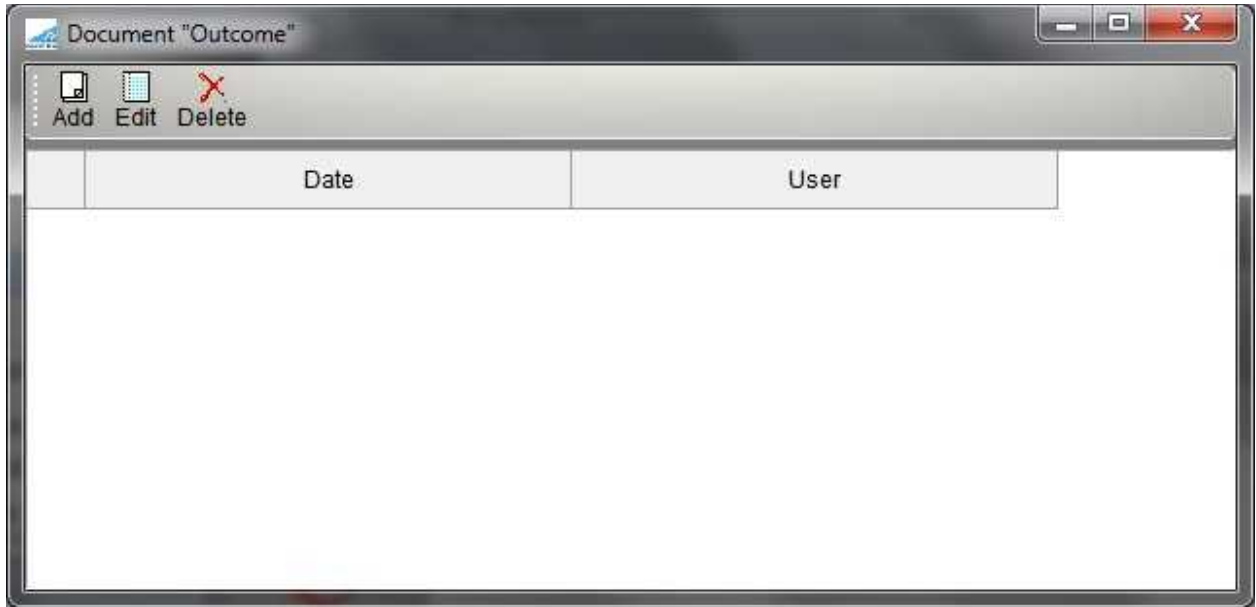
### The process of goods income:

1. In the bookmark «Readers» it's necessary to choose devices that are involved in the scanning process.
2. In the bookmark «Main menu» press the button «Scan».
3. After finishing the scanning process, it's necessary to press the button «Abort».
4. For document data saving into the system, it's necessary to press the button «Save».

## 7. Goods Outcome

The document «**Outcome**» is intended for adding data about goods outcome into the system in the context of **RFID** codes. The call of documents list «Outcome» is made from the menu point «Income/Outcome» - «Outcome».



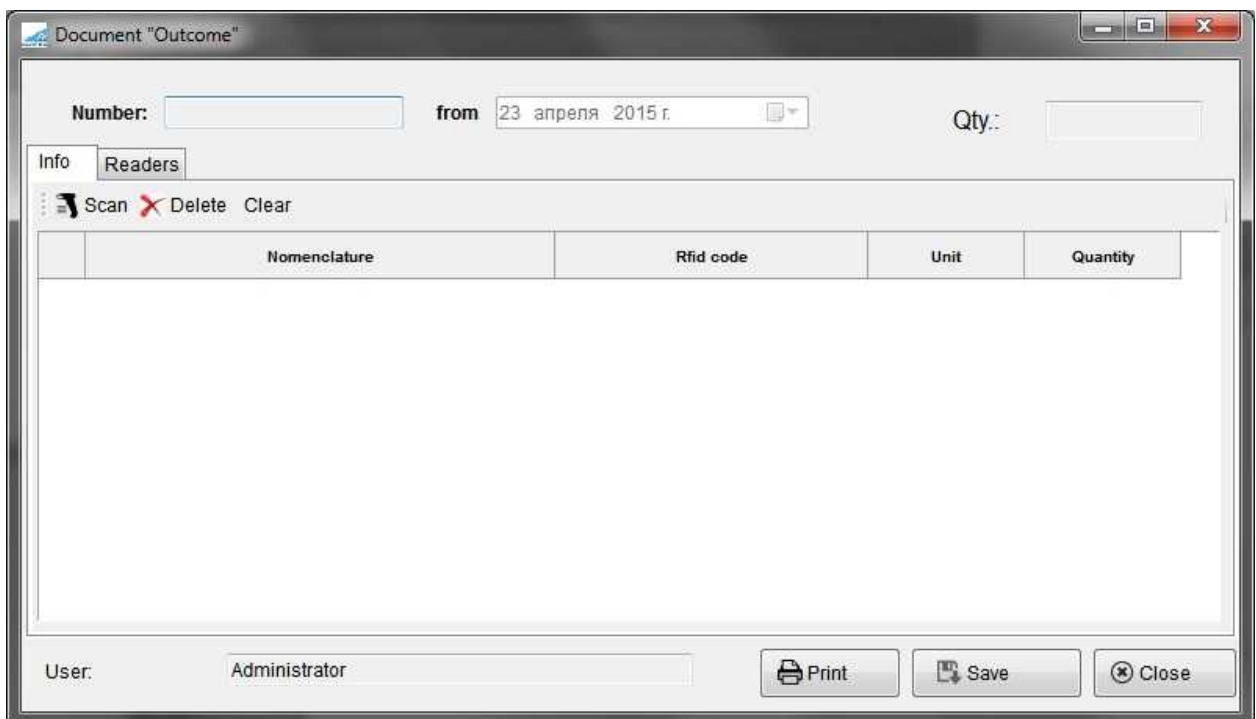


For **adding** a new document into the system, it's necessary to press the button «**Add**».

For **editing** the existing document it's necessary to click twice on the necessary document or to choose it from the list and press the button «**Edit**».

For **deleting** it's necessary to choose the necessary document from the list and press the button, «**Delete**»

**The document form «Outcome» contains the following details:**

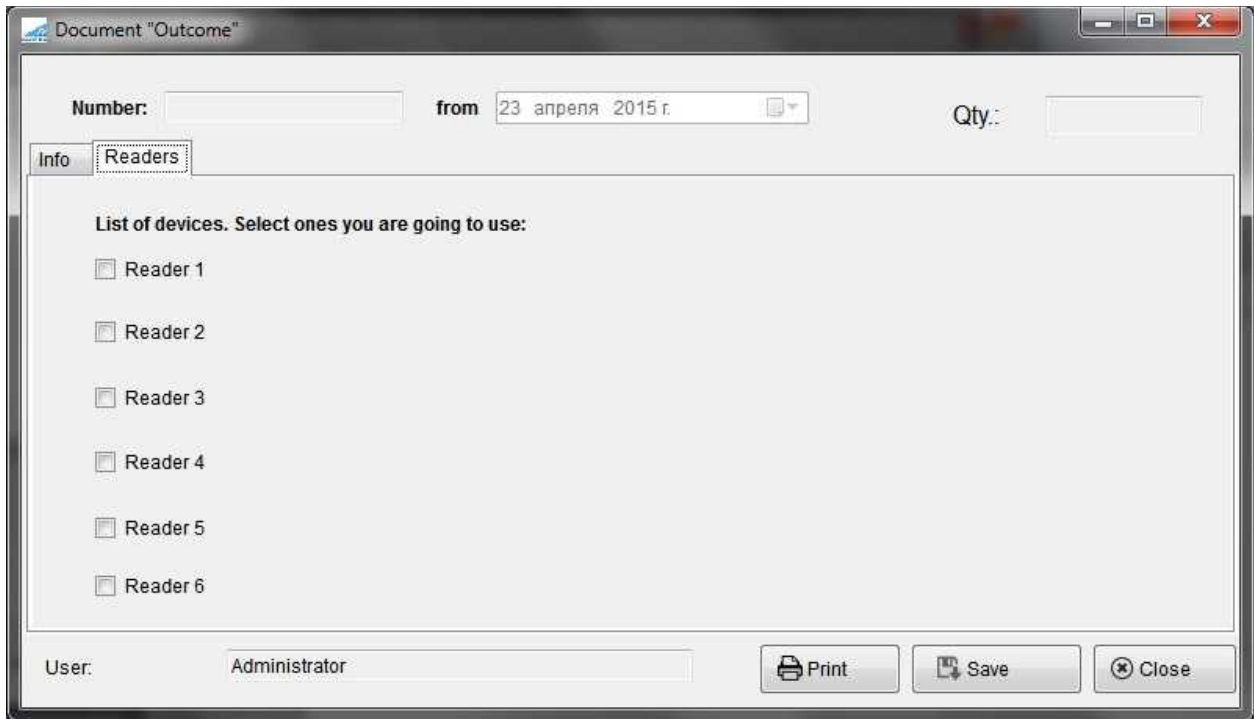


[ **Number** – the document number in the system, it's impossible to change.

[ **Dated from** – the document's date, it's impossible to change.

[ **Quantity** – the quantity of scanned tags.

- [ **The bookmark «Main menu»** - contains a table with the product information in the context of measuring units and RFID codes.
- [ **The bookmark «Readers»** - in this bookmark you can choose those readers that will be involved in the scanning process.
- [ **Responsible user** – the user who created the document. It's impossible to change.
- [ **The button «Print»** - it appears the window for printing an invoice.
- [ **The button «Save»** - after pressing the button, the document is recorded into the system.
- [ **The button «Close»** - it closes the document without saving.



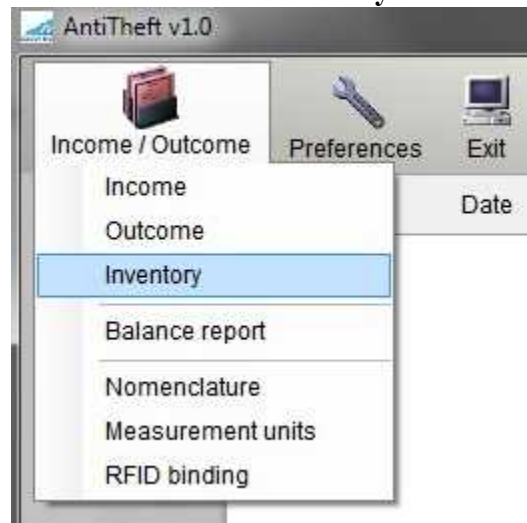
**The process of goods outcome:**

1. In the bookmark «**Readers**» it's necessary to choose devices that are involved in the scanning process.
2. In the bookmark «**Main menu**» press the button «**Scan**».
5. After finishing the scanning process, it's necessary to press the button «**Abort**».
6. For document data saving into the system, it's necessary to press the button «**Save**».



## 8. Inventory

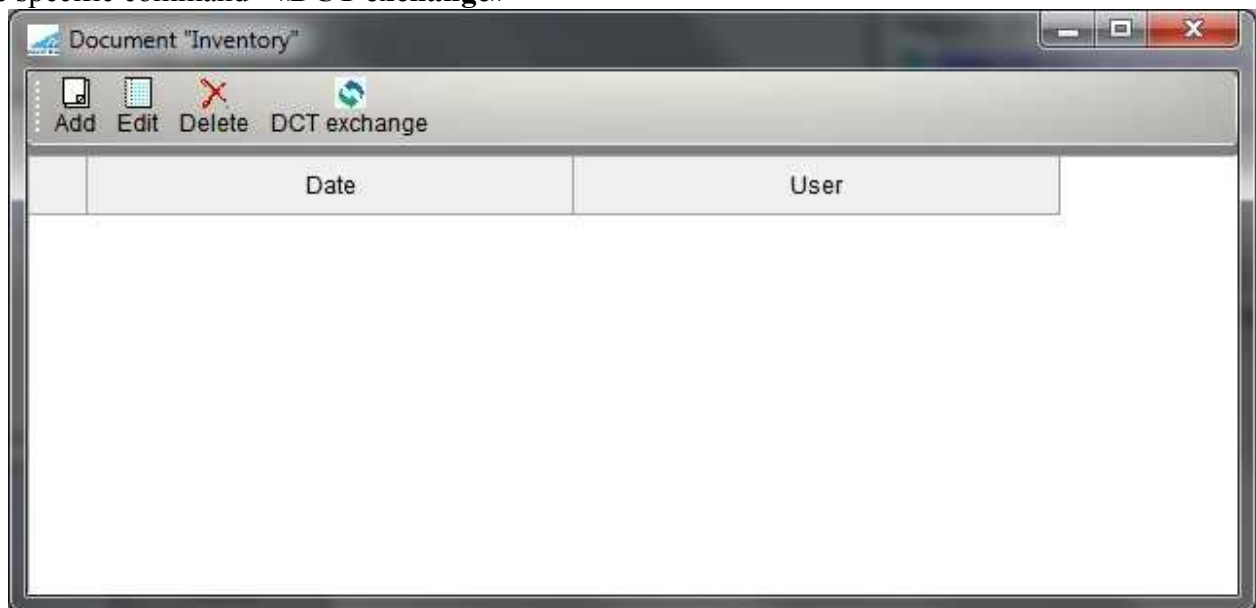
The document «**Inventory**» is intended for recording into the system the inventory results, that was completed with the help of data collecting terminal (hereinafter **DCT**). The call of documents list is made from the menu point «**Income/Outcome**» - «**Inventory**».



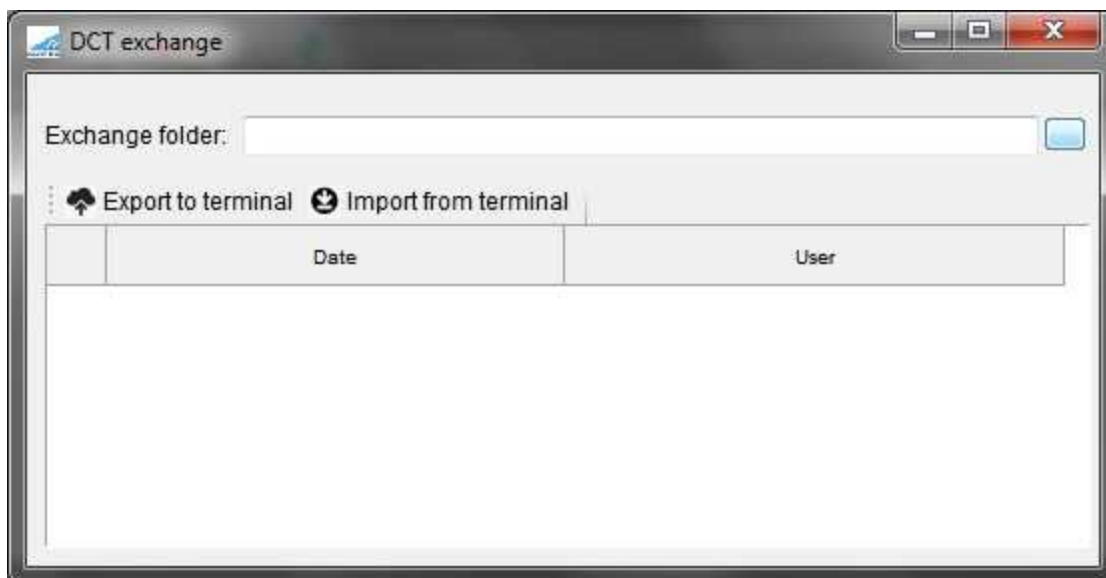
The document form «**Inventory**» beside the standard commands contains:

- [ **Add**
- [ **Edit**
- [ **Delete**

The specific command– «**DCT exchange**»

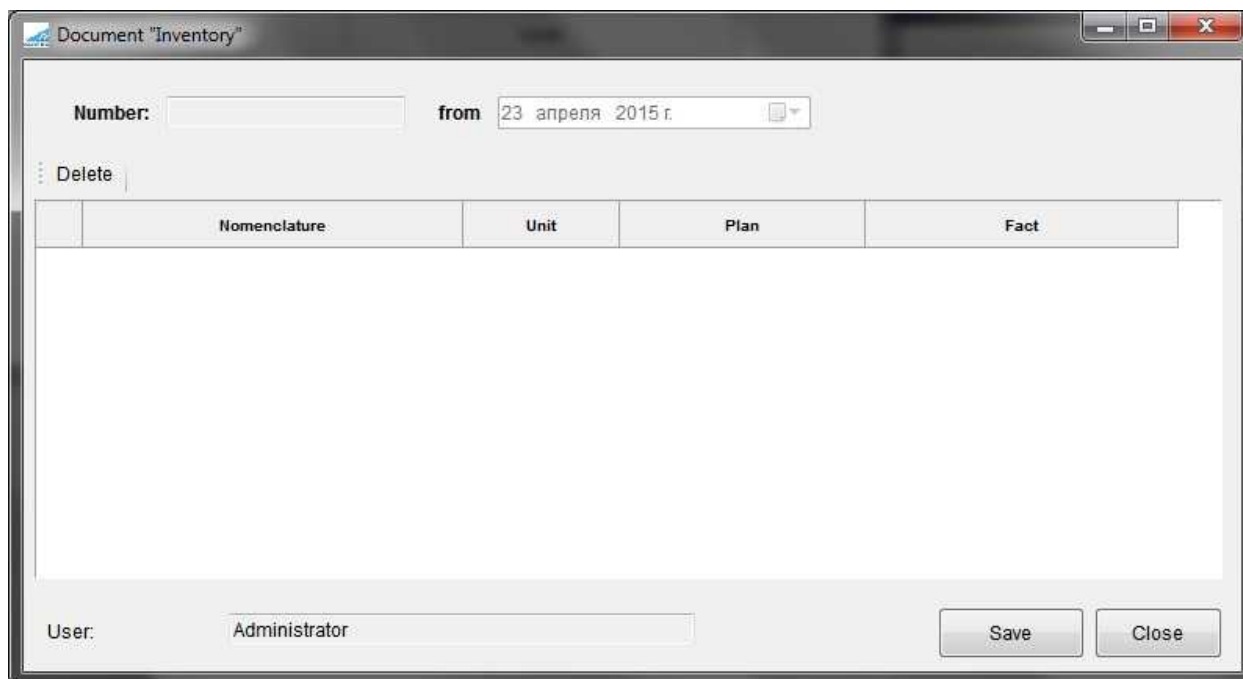


After choosing this command, the popping window shows the form “DCT exchange”.



This form contains the following details:

- [ **Exchange folder** – it indicates the catalogue where data **export/import** will be done.
- [ **The button «Export to terminal»** - after pressing the button, the file **1c\_tsd.xml** will be created in the interchange file, this file is intended for downloading into DCT.
- [ **The button «Import from terminal»** - after pressing the button, the file **tsd\_1c.xml** will be searched in the interchange file, if the system finds it, the data from this file will be downloaded in the newly created documents **«Inventory»**.
- [ **Table** – the documents list **«Inventory»**.



### The inventory process:

1. To open the documents list **«Inventory»**.
2. Press the button **«DCT exchange»**.
3. To choose the folder for exchange.

4. To press the button «**Export to terminal**».
5. To download file **1c\_tsd.xml** in DCT.
6. Take an inventory.
7. Copy file **tsd\_1c.xml** with DCT into exchange folder.
8. Press the button “**Import from terminal**”.

## 9. Events

This document fixes into the system unauthorized actions regarding the carrying out goods through readers. **The document saves the following information:**

- [ Action date
- [ Event description
- [ Goods name
- [ Responsible user at the very moment
- [ Reader's name that recorded this action



The screenshot shows a window titled "Theft try" with a red background. It contains several input fields and a button. The fields are: "Event date" with the value "23.04.2015 23:19:25", "Description" with the value "Theft try", "Nomenclature" with the value "NomenclatureRfid1", "User" with the value "Administrator", and "Reader" with the value "test2". A "Close" button is located at the bottom right of the window.

The document can be deleted or opened for viewing, if the current user has the certain rights.

## 10. Balance report

It's intended to have shelf stock data as at specified date.

