

Installation of required software components for Business Online system.

Default password for ruToken is set to 12345678

1.1. To download the software follow the link: [ruToken CryptoProvider for GWS](#)

Please note that administrative rights are required to install the software.

1.2. To begin the installation open the folder where you have saved the file named **ruTokenECP Libs 1.5.0 x32_x64.exe** and launch it.

The installation will be started.

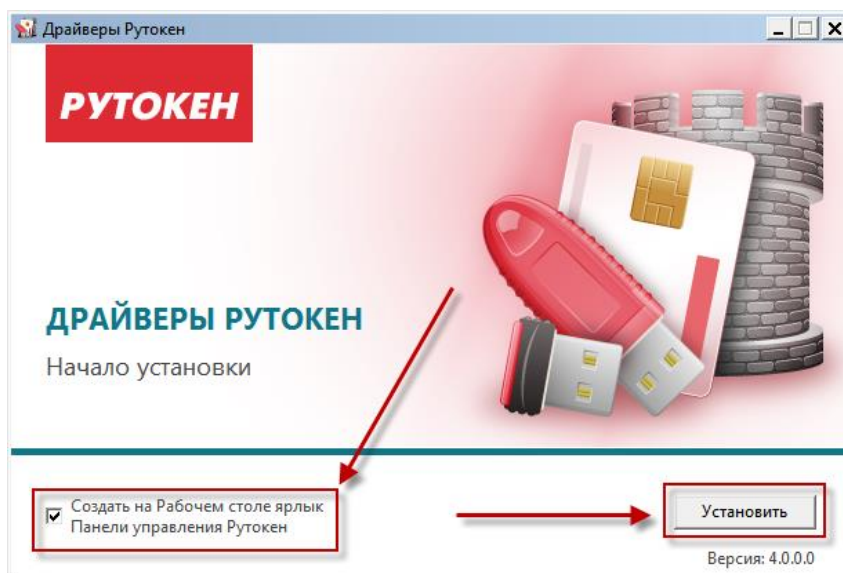
How to change ruToken default password.

Step 1: ruToken drivers installation.

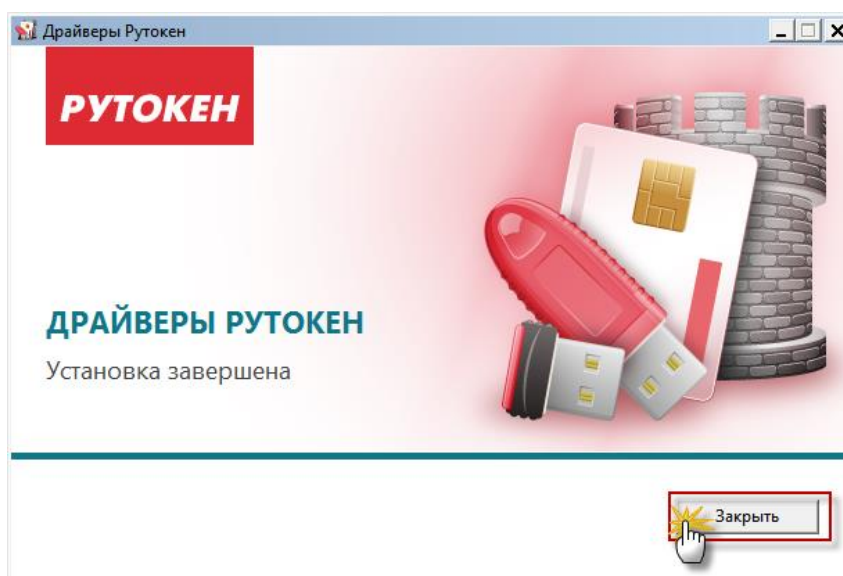
1.1. To download ruToken drivers follow the link: [ruToken Drivers](#)

Please note that administrative rights are required to install the software

1.2. To begin the installation open the folder with the saved file named **rtDrivers.exe** and launch the installation. To begin the installation put checkbox **Создать на Рабочем столе ярлык Панели управления Рутокен** and click on **Установить** button.

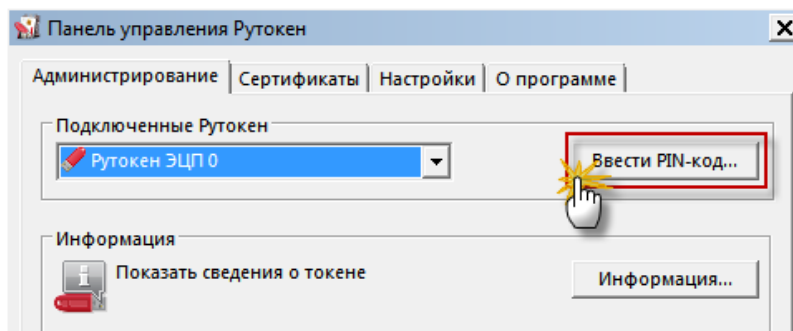


1.3. After the successful installation of the drivers you will see the appropriate notification. Click on **Закреть** to finish the installation.

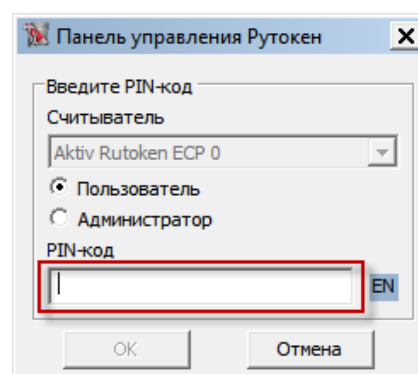


Step 2: ruToken default password (pin code) change.

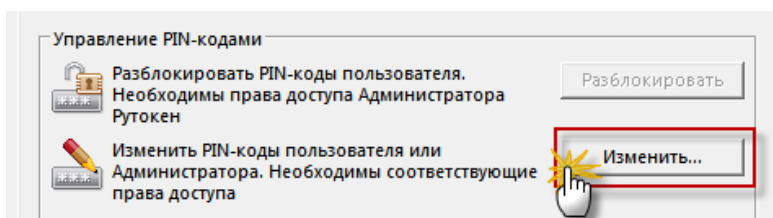
- 1.1. Launch **Панель управления Рутокен** shortcut placed on the desktop. In the opened window press **Ввести PIN-код** button.



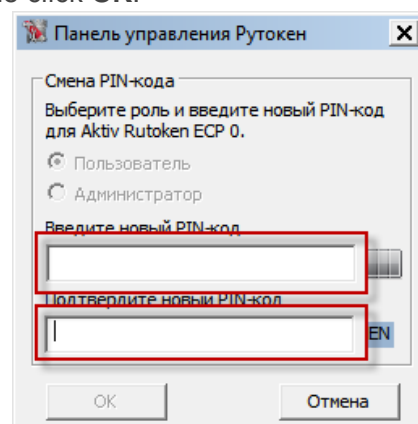
- 1.2. You will see a new window where default ruToken password (12345678) is required. Enter 12345678 and click **OK**.



- 1.3. Press **Изменить** button in the **Панель управления Рутокен**. A needed section named **Управление PIN-кодами**.



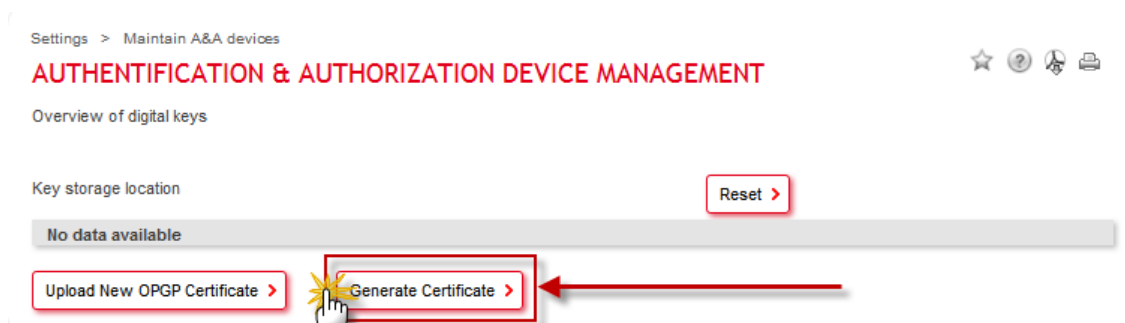
- 1.4. A new window will ask you to enter your new password for ruToken device. You will need to enter it twice for confirmation. Once you've done click **OK**.



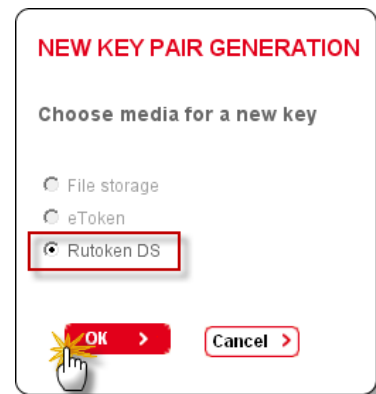
Digital signature keys generation manual (for ruToken).

Please note. For security purposes it is strictly recommended to change ruToken default password according to the manual: [How to change ruToken default password](#)

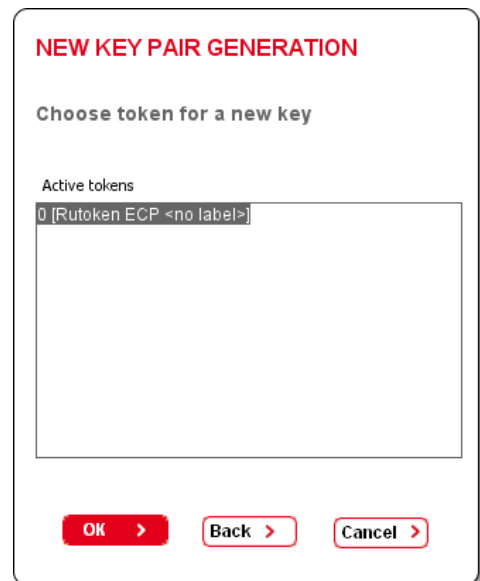
1.1. Plug ruToken USB device into your PC. Go to Business Online system and open **Settings - Maintain A&A devices**. Press **Generate Certificate** button.



1.2. **Rutoken DS** must be chosen as a new key container. To continue press **OK**.



1.3. Choose **ruToken ECP** from the list.



1.4. Enter your current RuToken password.

NEW KEY PAIR GENERATION

Token authorization


Enter password for the token with new key

OK > **Back** > **Cancel** >

1.5. After the generation is successfully done you will receive a message.

Settings > Maintain A&A devices

AUTHENTICATION & AUTHORIZATION DEVICE MANAGEMENT

 Your new key has been created! Please print and sign the activation form!

1.6. The key must be registered from the bank's side. You need to print the activation form and deliver it to the bank. To print the activation form put checkbox on the certificate with the status **Inactive**. Then choose **Print activation form** from the list below named **Choose an action**.

Status	valid from valid to	DeviceID Keyholder	Type	Fingerprint
<input checked="" type="checkbox"/> INACTIVE	23.12.2015 23.12.2016	760665269161103280 0809041991 Сергей Сергеевич Шишкин	ruTokenDS	9A A2 41 F4 1D 30 08 D2 30 05 DD F5 3D 6A 01 2E ED 81 0E D2 00 64 25 9E D0 D7 D3 B3 DB 19 7A 3F 3B 04 20 B0 F4 30 4E 84 92 63 0B 82

Select action ...

- Print Activation Form**
- De-activate
- Generate Certificate >
- Select all
- Deselect all
- Reverse selection
- Reset sort order
- Filter

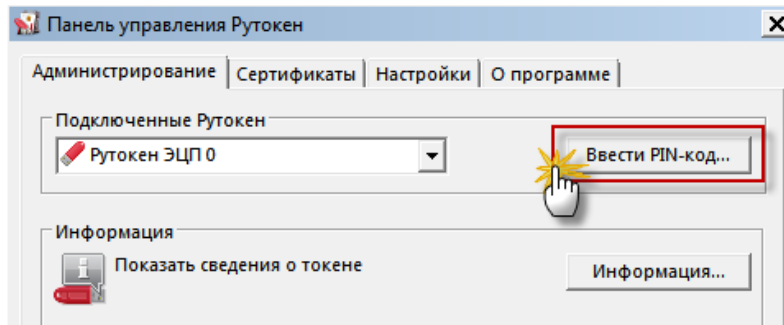
23.12.2015 09:50:55 MSK | 23.12.2015 09:59:04 FET

The certificate must be printed in double, filled with ID data of the owner of the key, signed and delivered to the bank office. It takes up to two business days to register the certificate. When done your certificate will change its status to **Active**.

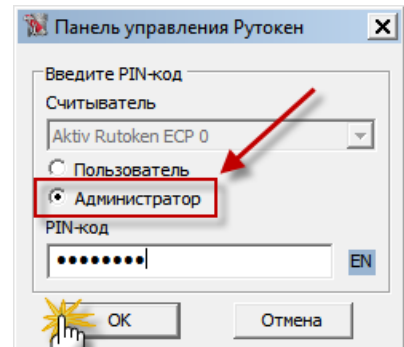
Unlocking ruToken.

To unblock ruToken device ruToken driver must be installed in the system. If it's not installed you should perform the installation according to step 1 from How to change ruToken default password (given above)

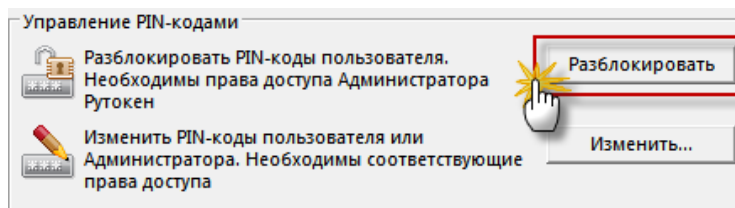
1.1. Plug ruToken USB device into your PC. Go to **Панель управления Рутокен** (shortcut on the desktop or Start – All Programs). Press **Ввести PIN-код**.



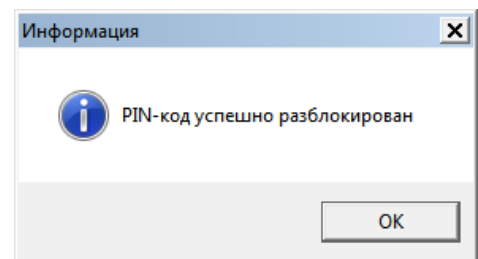
1.2. In a new windows opened put checkbox to **Администратор** and enter Administrative PIN-code (default one is 87654321).



1.3. After ruToken is successfully unblocked the appropriate window will appear.



1.4. When everything is done OK you will see the message saying that ruToken is successfully unblocked.



Please note! After ruToken is unblocked its password doesn't change. In case you've forgotten ruToken password you need to use eToken Formatting Manual.