



Sirena

Graphic Terminal for Working with Electronic Ticket Server

Installation Manual

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About this document

This manual describes the purpose of the application for operating the Electronic Ticket Server of Sirena-Travel, the system requirements for its installation and launch, the installation process, functionality checks, and updates.

The appearance of application windows and system notifications may vary from those shown in this manual depending on the version of the operating system and design settings.

About Graphic Terminal

The JXT Graphic Terminal for the Electronic Ticket Server of Sirena-Travel is an application for workstations (hereinafter referred to as the application) that allows connecting to the Electronic Ticket Server (ETS) and performing operations related to electronic tickets and documents.

System Requirements

To run the application on a personal computer, you must have Windows 10 operating system and Oracle JRE 6 (JRE 6 SE), 7 (JRE 7 SE) or JRE 8 software installed. If it's not installed, you should follow the instructions provided in this manual.

The PC specifications required to run the application are listed in Table 1.

Table 1 — PC specifications required to run the application

Parameter/Characteristics	Recommended value
Processor	x32 or x64, at least 2 GHz
RAM	At least 6 GB
HDD / SSD	10 GB
LAN / WAN	Ethernet Adapter 100

Network access to the ETS Sirena Travel data processing centers should be provided through a local network, VPN, or the Internet.

Installation Procedure

Java Installation

If you have Oracle JRE 6 (JRE 6 SE), 7 (JRE 7 SE), or JRE 8 installed on your computer, no additional steps are required. Otherwise, follow the instructions below.

To use the application, you need a recent version of Java. To check the Java version:

1. Go to **Start** → **Run**.
2. In the «**Run Program**» window, type the command `javaws -viewer`, press **Enter**.
3. If the «**Java Cache Viewer**» window appears, the current configuration is correct.

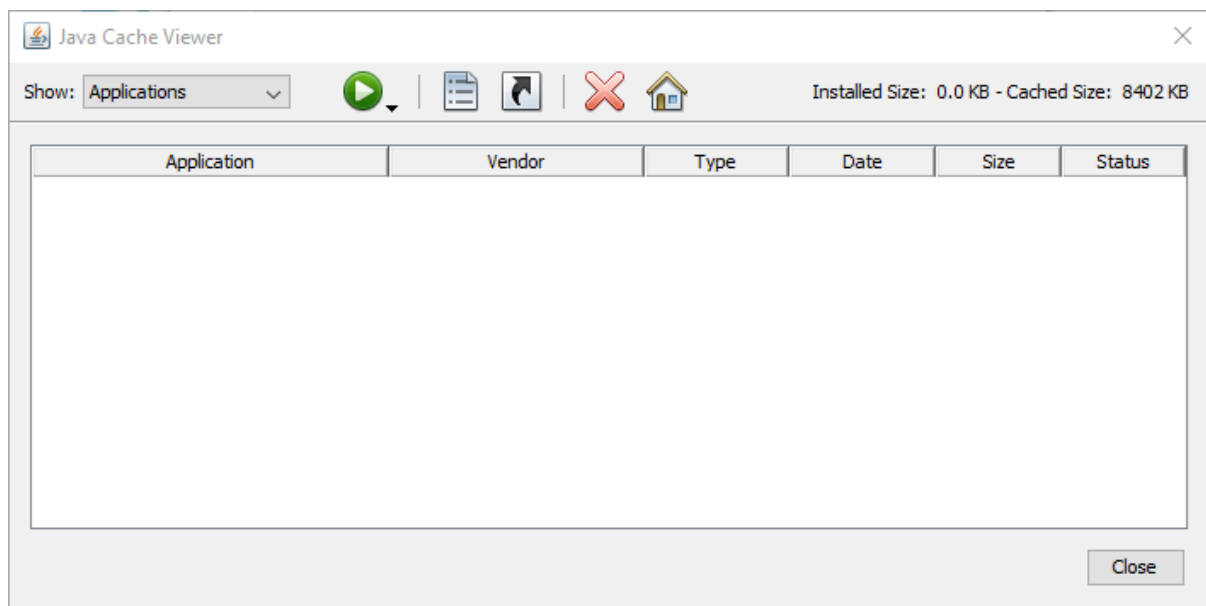


Figure 1 — Java Cache Viewer Window

4. If nothing appears or a window other than «**Java Cache Viewer**», appears, follow the link <http://java.com/ru/> and install the latest version of Java.

Java Security Exceptions Settings

To configure Java security exceptions:

1. Click **Start** and open the **Configure Java** application.
2. Go to the **Security** tab and click **Edit site list**.

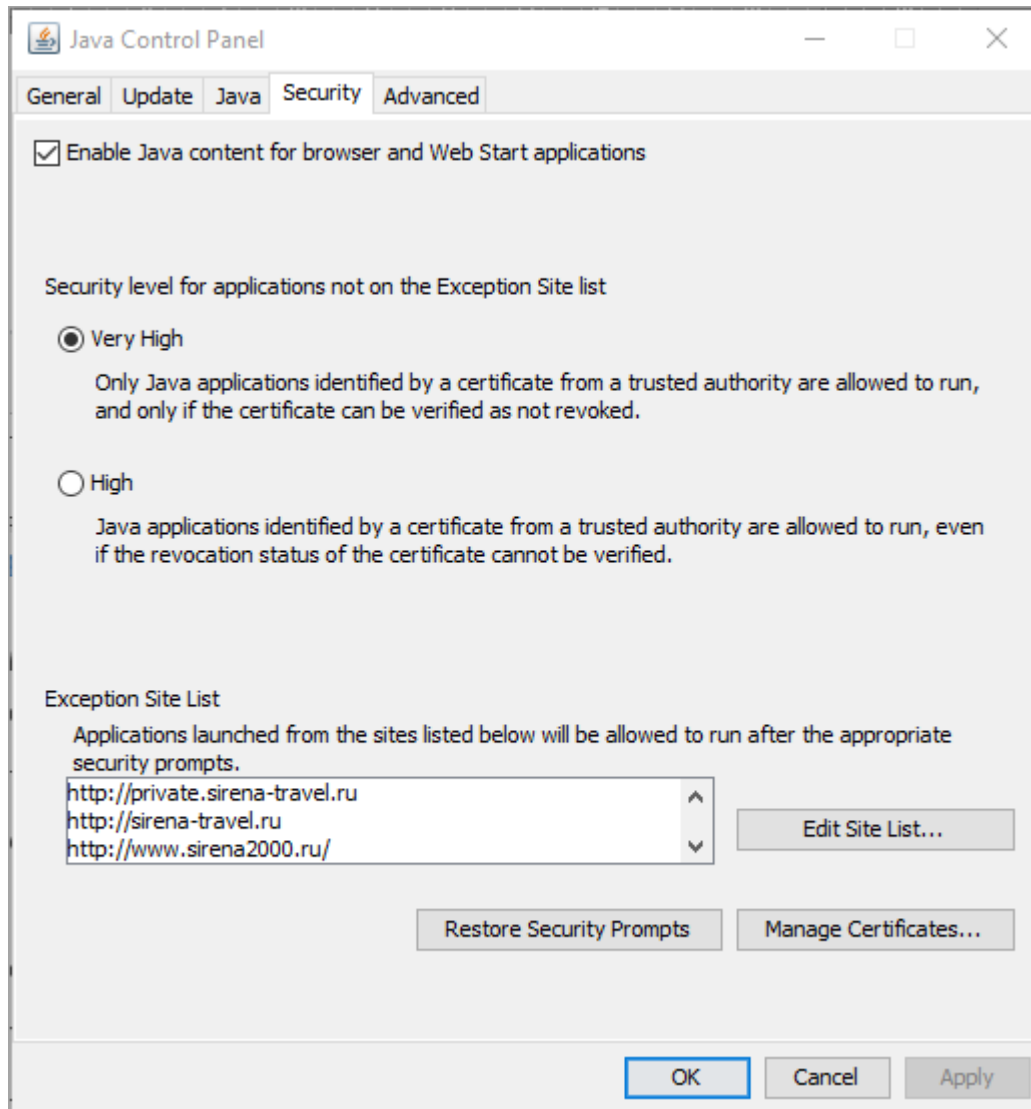


Figure 2 — Java Security Settings Window

3. Click **Add** and add the following addresses to the exceptions list:

`http://www.sirena2000.ru/`

`https://sirena-travel.ru/`

`http://sirena-travel.ru`

`http://private.sirena-travel.ru`

`https://private.sirena-travel.ru.`

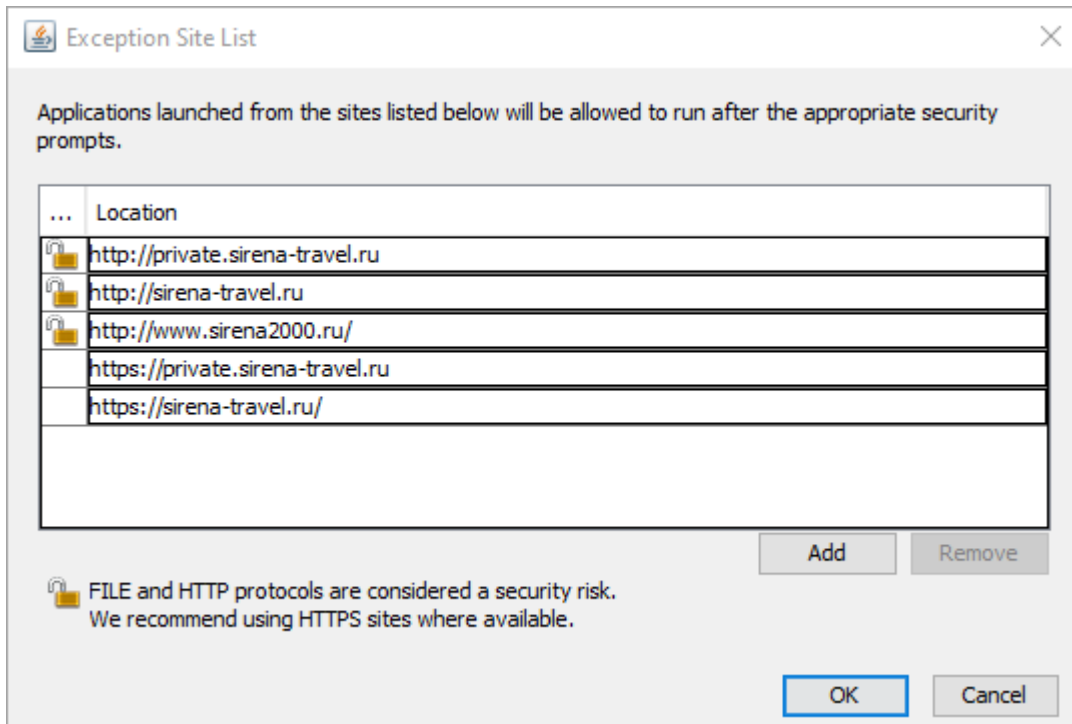


Figure 3— Adding an Exception in Java Settings

4. Press **OK**. Confirm the operation by clicking **Continue**.

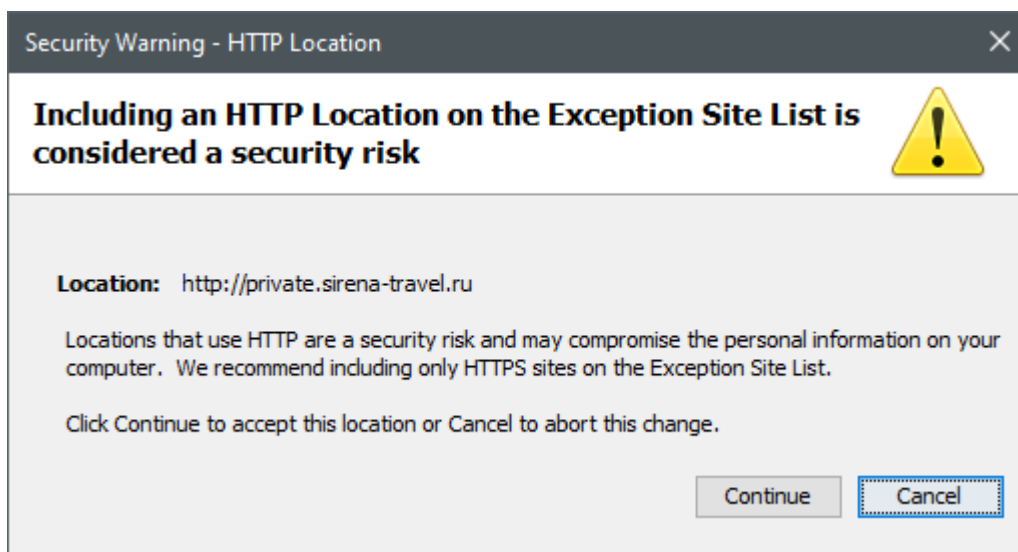


Figure 4— Confirming the Operation

5. Click **Apply** to apply the changes, and then close the settings window.

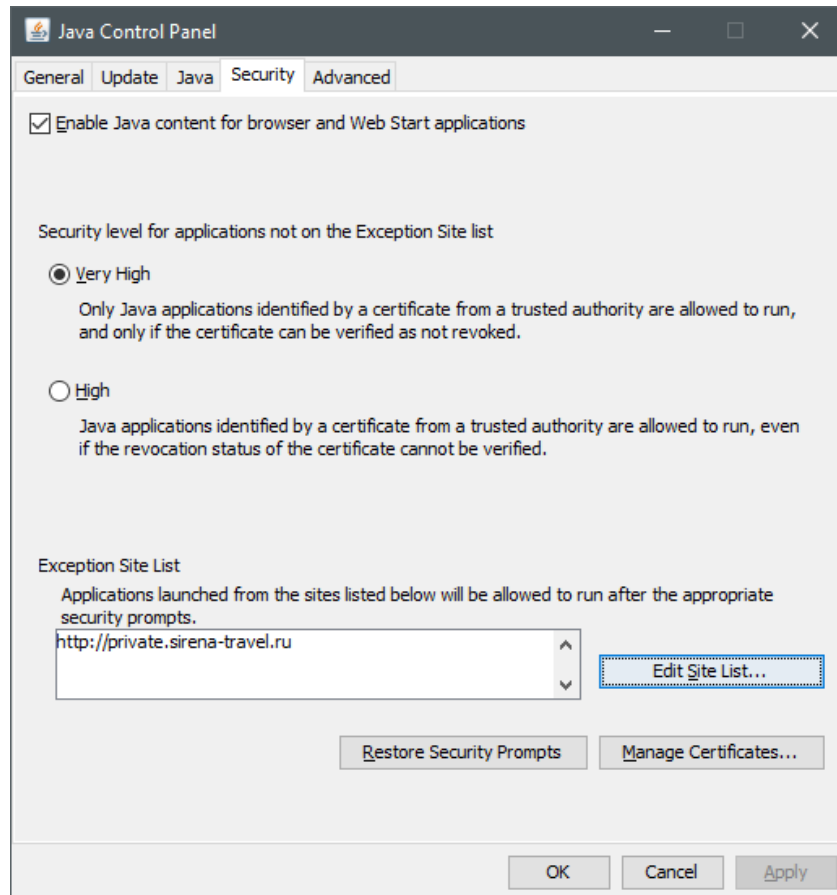


Figure 5 — Java Security Settings

Configuring Proxy

If proxies are used to access the Internet, you need to specify them in the Java settings to establish a connection with the ETS.

To configure proxies in Java settings:

1. Go to **Start** → **Run**.
2. In the «**Run Program**» window, type the command `javaws -viewer`, press **Enter**.
3. The «**Java Cache Viewer**» window will open.
4. In the tab **General** go to **Network Settings**.
5. Specify the Proxy in the **Use proxy server** field.
6. Click **Apply** and then **OK**.

Creating a Desktop Shortcut

To create a desktop shortcut for the application:

1. Go to **Start** → **Run**.
2. In the «**Run Program**» window, type the command `javaws -viewer`, press **Enter**.

3. The «**Java Cache Viewer**» window will appear.
4. Right-click on Sirena Testing Terminal.
5. Click the black arrow that appears at the top. A shortcut will appear on the desktop.

Application Download

To download the application:

1. Open private.sirena-travel.ru/jxt/jxt.jnlp. This will initiate the download of the installer file — *jxt.jnlp*.
2. Save the file. If your computer's security system displays a warning about saving the file, force the save by clicking **Save**.

After saving the *jxt.jnlp* file, you can launch the application.

First Application Launch

Settings for the First Application Launch

When you first launch the application:

1. Run the saved file. If the file does not run, check the Java security settings. If prompted to choose an application to open the file, select Java (TM) Web Start Launcher.
2. Check the box at the bottom of the security warning window and click **Run**.

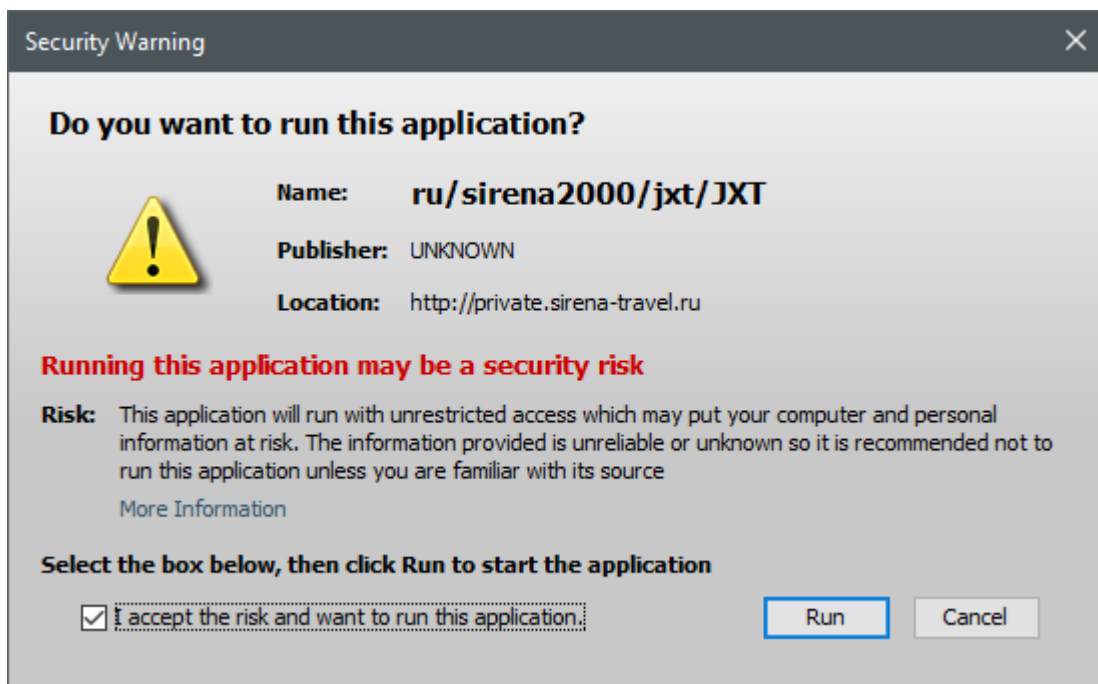


Figure 6 — Application Launch

3. Enter the terminal control address provided by the administrator and click **OK**.

Attention! Terminal ID consists of 6 characters. It should be indicated in Russian uppercase, for example: MOWSML. The Terminal ID is provided by the system administrator.

4. After that, the application will prompt you to create a directory for downloading application data. Click **Yes** and choose to create a default directory.

Now you can sign in.

Signing in

Authorization in the application for working with the ETS Sirena-Travel is a four-step process:

1. Authorization in the JXT Graphic Terminal.
2. Setting up a connection to the electronic ticket server center.
3. Selecting a Center to connect to the ETS Sirena-Travel.

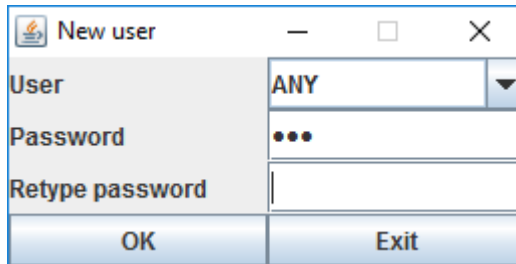
4. Authorization in the ETS to work in the selected center.

Authorization in the Graphic Terminal

The username and password for the terminal identify the user to operate the terminal but not the data of ETS Sirena-Travel.

To authorize in the JXT Terminal:

1. Enter any username and password as per your choice. It's convenient to use the operator code as the username.
2. Click **OK** and confirm your password.



New user	
User	ANY
Password	•••
Retype password	
OK	Exit

Figure 7 — Confirming the Password

3. Click **OK**.

If after this step, an error message about a file loading issue is displayed, click **OK** to close the modal window and proceed to setting up connections.

Setting up Connections

To set up a connection to the center on the electronic ticket server of Sirena-Travel:

1. In the terminal menu, select **Edit** → **Settings** → **Terminal** → **Connection List Address**.

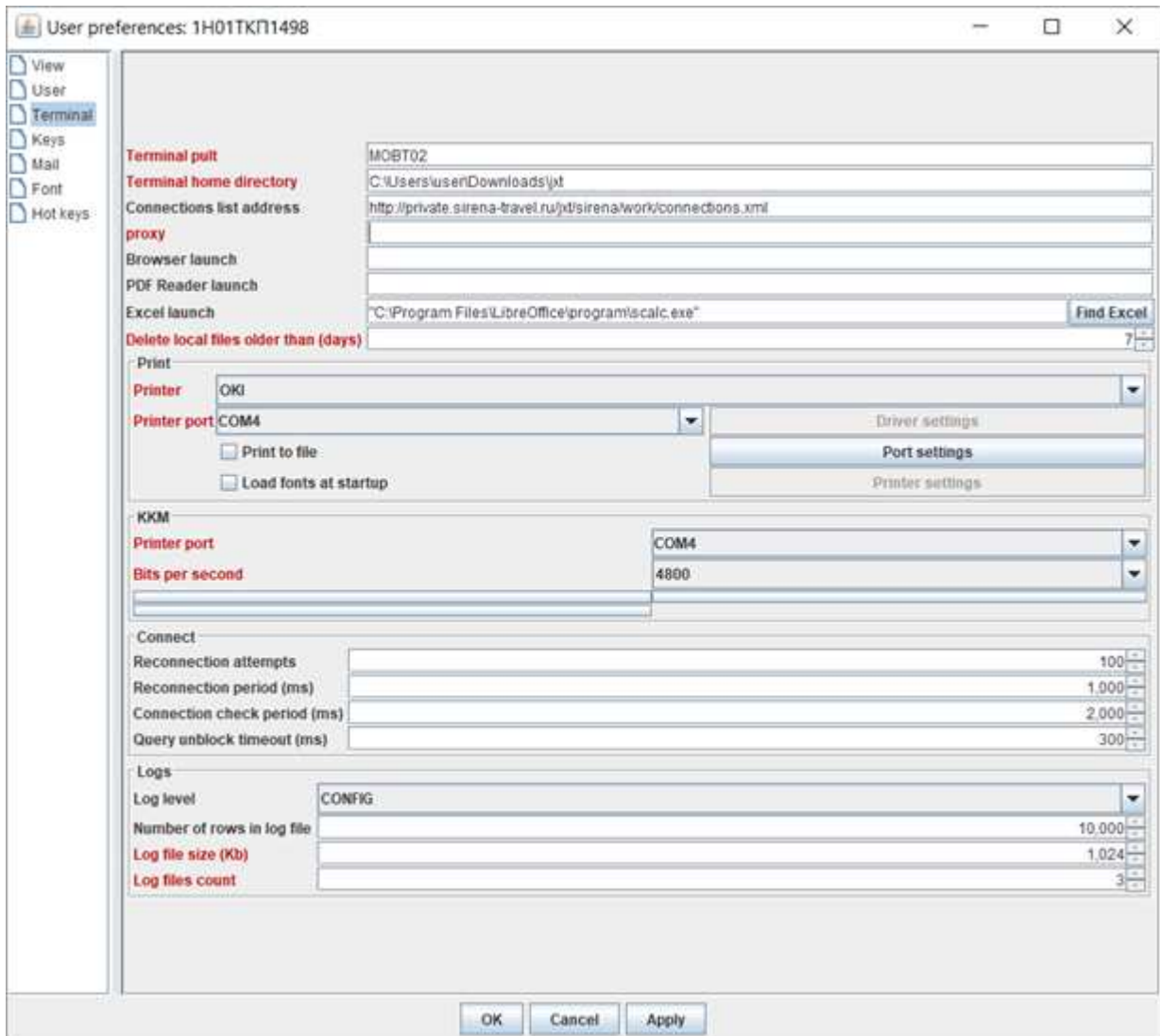


Figure 8 —Configuring the Connection List

2. In the field **Connection List Address** enter *https://www.sirena-travel.ru/jxt/sirena/connections.xml*.

Note. In this window, you can also change the terminal ID if it was entered incorrectly, set up a proxy server, and specify paths for applications that can open files in pdf and xls formats.

3. Click the **Apply** button. If the configuration is done correctly, the list of permitted connections will appear in the **Connections** section.

Selecting a Center to Connect to the ETS Sirena-Travel

After configuring connections, select the center you will work with in the ETS.

1. In case of **Select a connection** alert click **OK**.
2. In the menu **Connections** choose the desired center, for example, ETS Training. Further authorization and work in the ETS Sirena-Travel will be done in the chosen center.

Authorization in the ETS Sirena-Travel

To authorize in the ETS of Sirena-Travel, a combination of the terminal control address with the operator's name and password is used, which is specified during the connection to the ETS. Multiple operators can work on the same workstation, but only one terminal control address can be configured.

The operator code and password can be obtained from the system administrator.

To authorize an operator in the ETS:

1. Enter the operator's code (e.g., **ZZ99GRS4441**) and the password (by default (**PASSWORD**)). The operator's code and password should be typed in uppercase.



Figure 9 — Authorization in the ETS Sirena-Travel

2. Click the **Sign in** button. If the authorization is successful, you will be presented with the screen for working with the ETS of the selected center (e.g., "ETS Training").

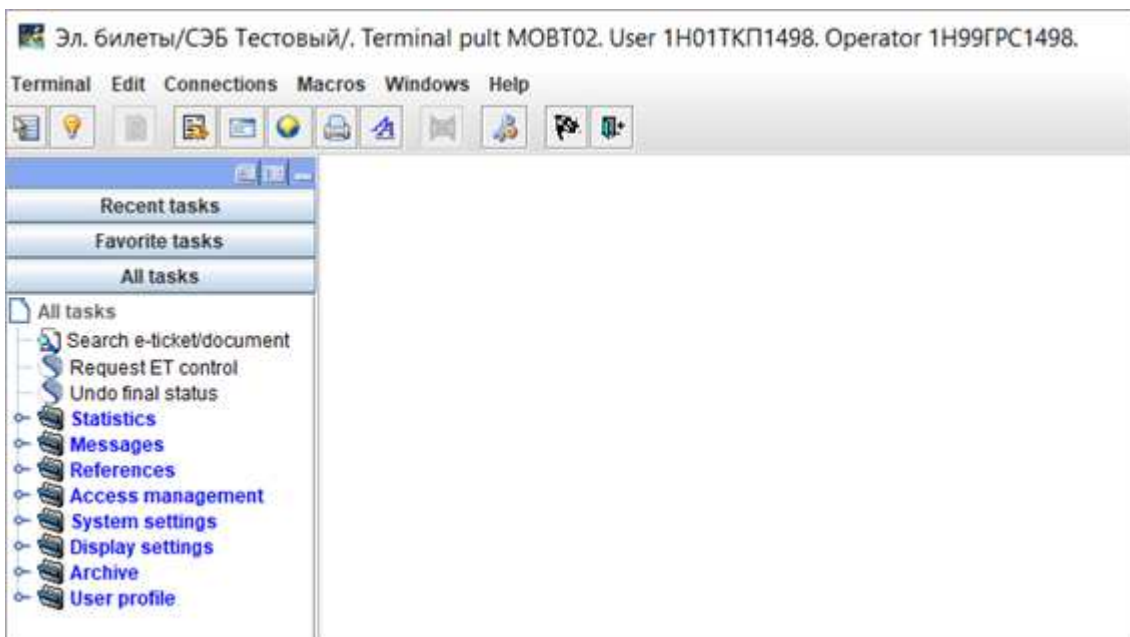


Figure 10 — Menu Sections

Authorization in the ETS Sirena-Travel for subsequent connections

For subsequent connections to the ETS Sirena Travel, the terminal control address and terminal user already specified at the first launch are used. To work with the data, you only need to enter the operator code and password for the selected reservation center.



Figure 11 — Authorization in the ETS Sirena-Travel

The choice of the reservation center to work with is done via the **Connections** using the main menu. If the operator hasn't started a session in the selected reservation center, the **Sign in** window will appear automatically.

The operator code must be present in the operator directory of the center the user is working with, and it must exactly match the code listed in the operator directory, including language and character case.

The password can be obtained from the system administrator. When entering the password, ensure it matches the language and character case exactly as specified by the administrator. The CRS terminal only works with UPPERCASE letters.

The system also checks the terminal control code that the operator is using. The terminal control code must be present in the control dictionary in ETS Sirena-Travel. The terminal control code can be found by a user in the first line of the graphic terminal.

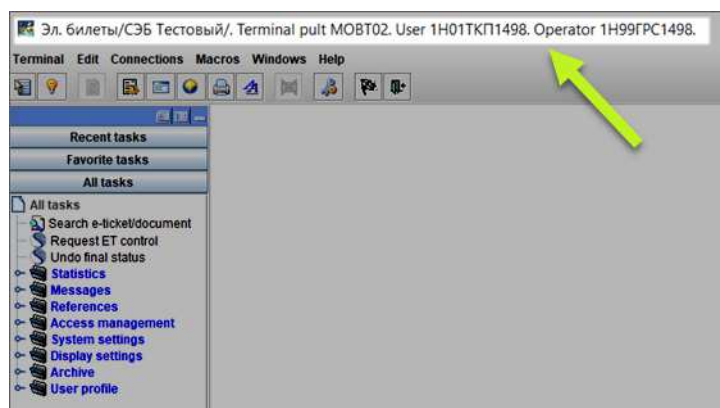


Figure 12 — Viewing the Terminal Control Code

Changing the Terminal Control Address

To specify a different terminal control address for your workstation, go to the **Edit**→**Settings** and enter the new terminal control address in the **Terminal Control**.

The terminal control code entered here must exactly match the code found in the terminal control dictionaries, including language and character case. E.g.:

`TEST1` – correct terminal control code;

`test1` – incorrect terminal control code.

The new terminal control will be used after restarting the application. Each workstation can only use one terminal control address, but there can be multiple operators.

Reinstalling the Application

If the user has problems installing the application that require a complete removal of previously downloaded installation files, the application should be reinstalled as follows:

1. Go to **Start** → **Run**.
2. In the «**Run Program**» window, type the command `javaws -viewer`, press **Enter**. The «**Java Cache Viewer**» window will open.
3. By default, the application cache is selected in the upper left corner (**Applications**). Select the Java XML Terminal App (or Sirena XML Terminal, depending on the version used).

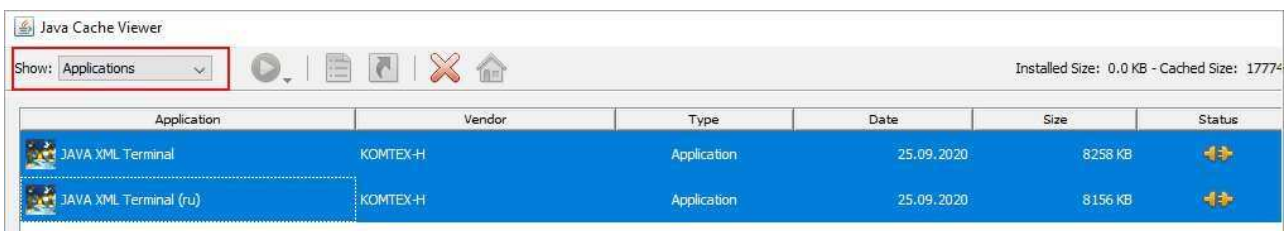


Figure 13 — Java Cache Viewer Window — Applications

4. Click the **Remove selected items** or press the **Delete** key on your keyboard.
5. After that, in the top-left corner, select the (**Resources**) cache.

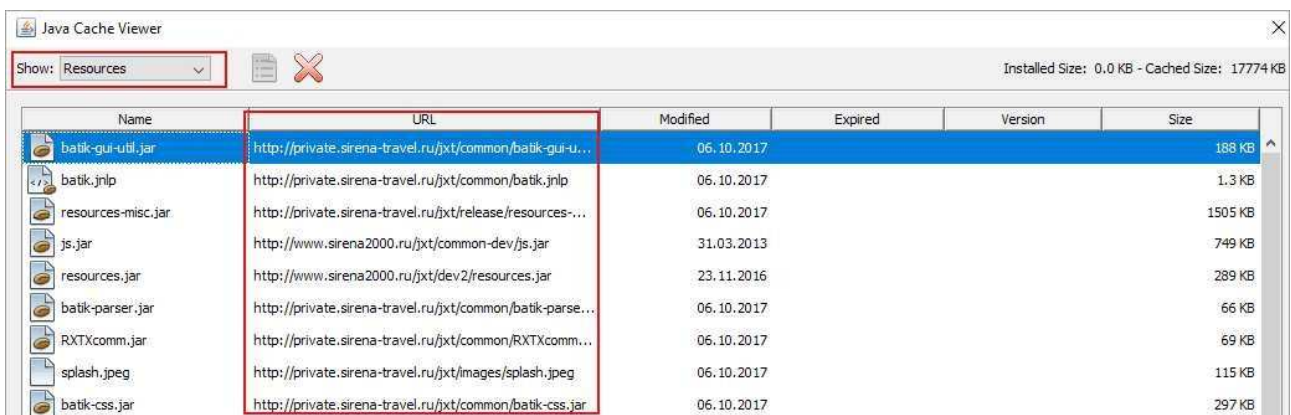


Figure 14 — Java Cache Viewer Window — Resources

6. Click on the «**URL**» column header. The column will be sorted by URL.
7. While holding the **Shift** key, select all resources that have a value in the **URL** column starting with:

`http://www.sirena-travel.ru/jxt/...`

`http://www.sirena2000.ru/jxt/...`

`http://www.private.sirena-travel.ru/jxt/...`

8. Press Delete or Remove selected resources.
9. After this, open the URL <http://sirena-travel.ru/jxt/jxt.jnlp> in your web browser and reinstall the application. All previous settings will be preserved.

Functionality Check

If all settings have been configured correctly, the operator will have access to operations for working with the selected center in the electronic ticket server.

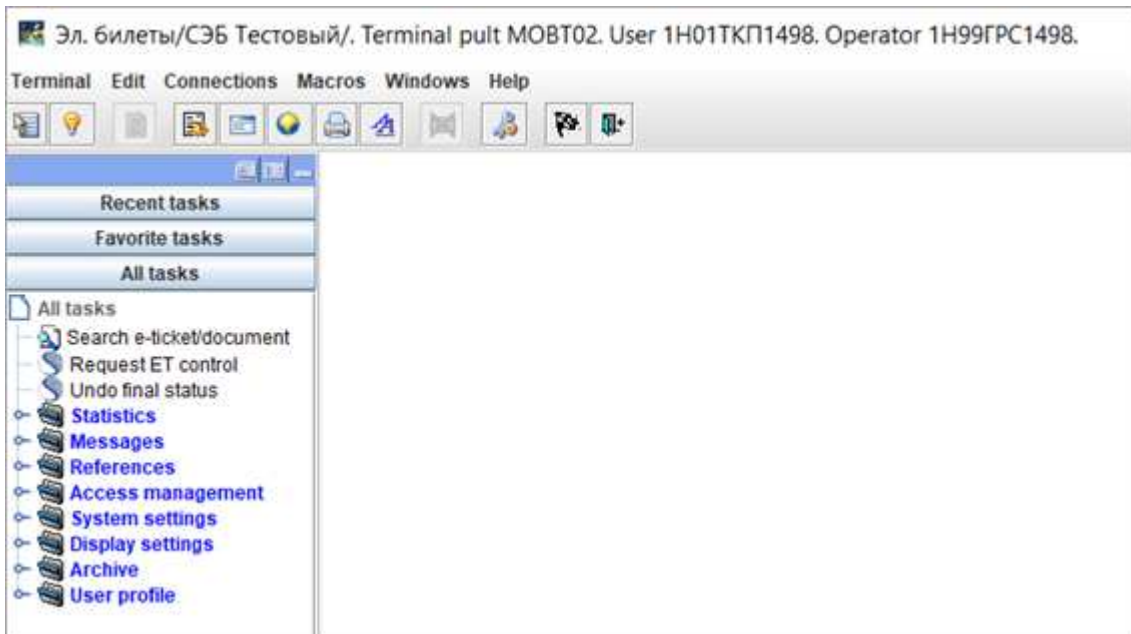


Figure 15 — Window for Working with the Electronic Ticket Server

If you have any questions regarding the application's operation, please contact the 24/7 support service at helpdesk@sirena-travel.ru.