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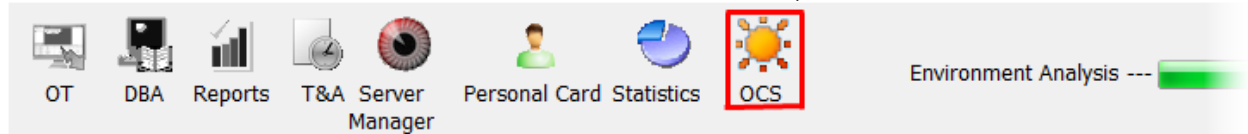
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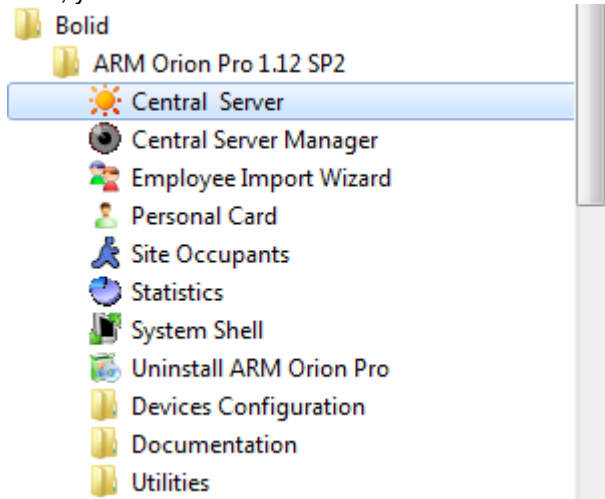
3. Central Server

The system will not function properly until the Central Server is started. This software module shall be always online. The Central Server is the only one module that interacts directly with the Database of the Orion Pro System; it transmits the database information to other modules and communicates configuration changes, new events, etc. to the Database.

Please start the System Shell, and then click the Central Server icon to launch the module (please make sure that the Central Server is authorized to run on this workstation):



Also, you can start it in the Start menu: *Start/Bolid\ARM Orion Pro 1.12 SP12/Central Server*.



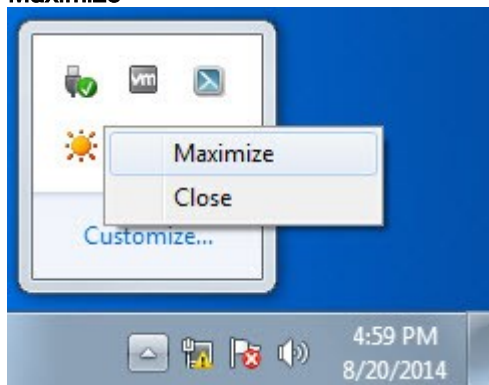
You can always start the Central Server by clicking the ☀️ **CSO.EXE** файл in the folder with installed Orion Pro.

Note:

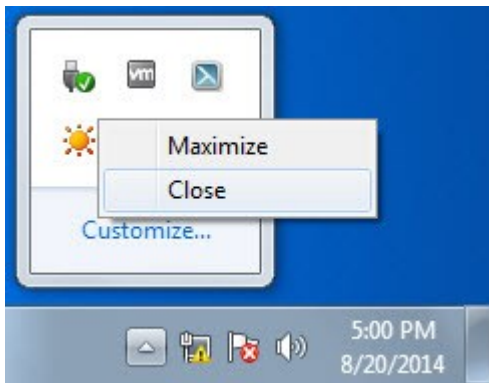
The system cannot work without the Central Server, and only a single instance of the Central Server must be installed in the system, except for the Failover Support configuration where more Central Servers have to be used.

When started, the Central Server can be minimized to the system tray icon (☀️).

To show the Central Server window on the screen, please write click its icon in the system tray and select **Maximize**



To turn off (close) the Central Server, please write click its icon in the system tray and select **Close**



3.1 Central Server User Interface.

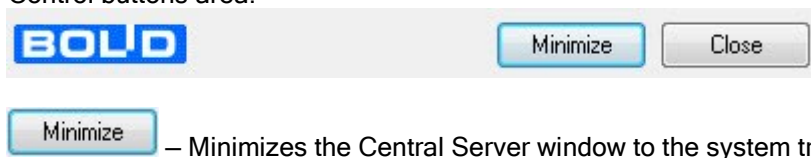
The user interface of the Central Server provides information only. The Database Administrator module is used to provide all settings for the Central Server.


The user interface of the Central Server:



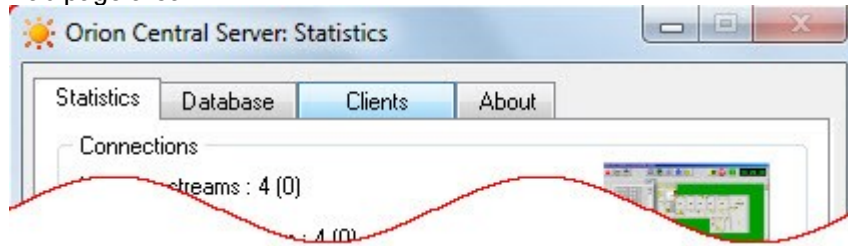
As the figure shows, the user interface consists of two main areas:

1. Control buttons area:



 – Closes the Central Server

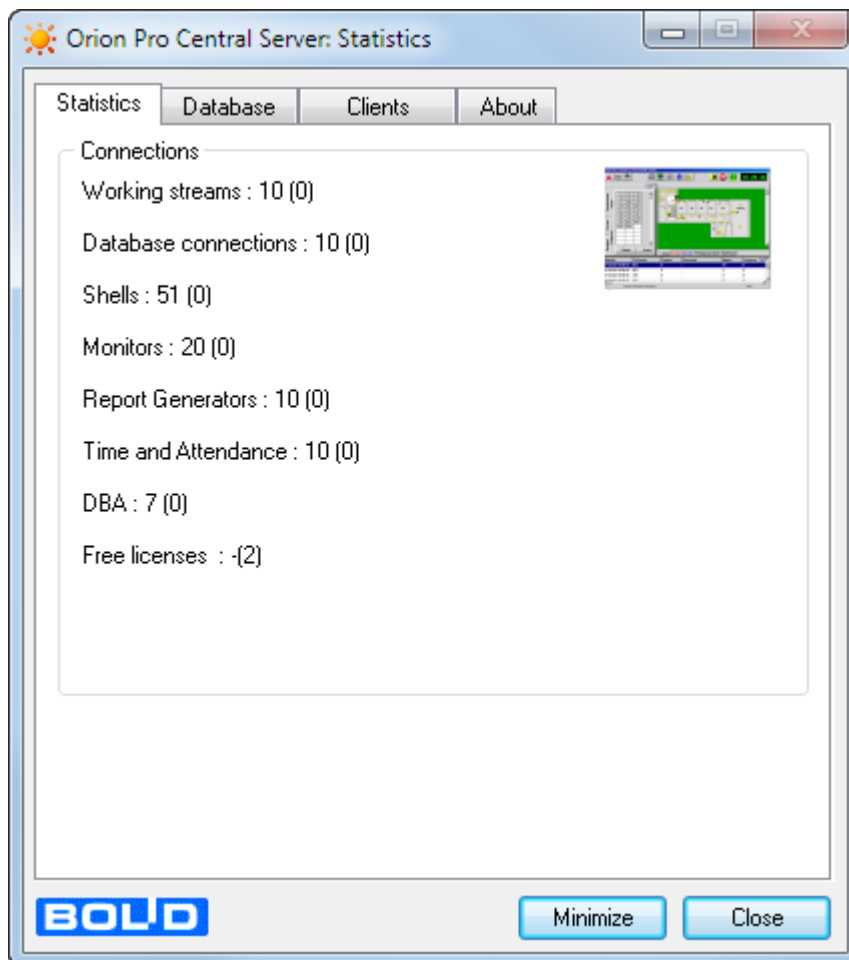
2. Tab page area



Each tab page area of the Central Server includes specific information (See Chapters 3.1.1 -3.1.4)

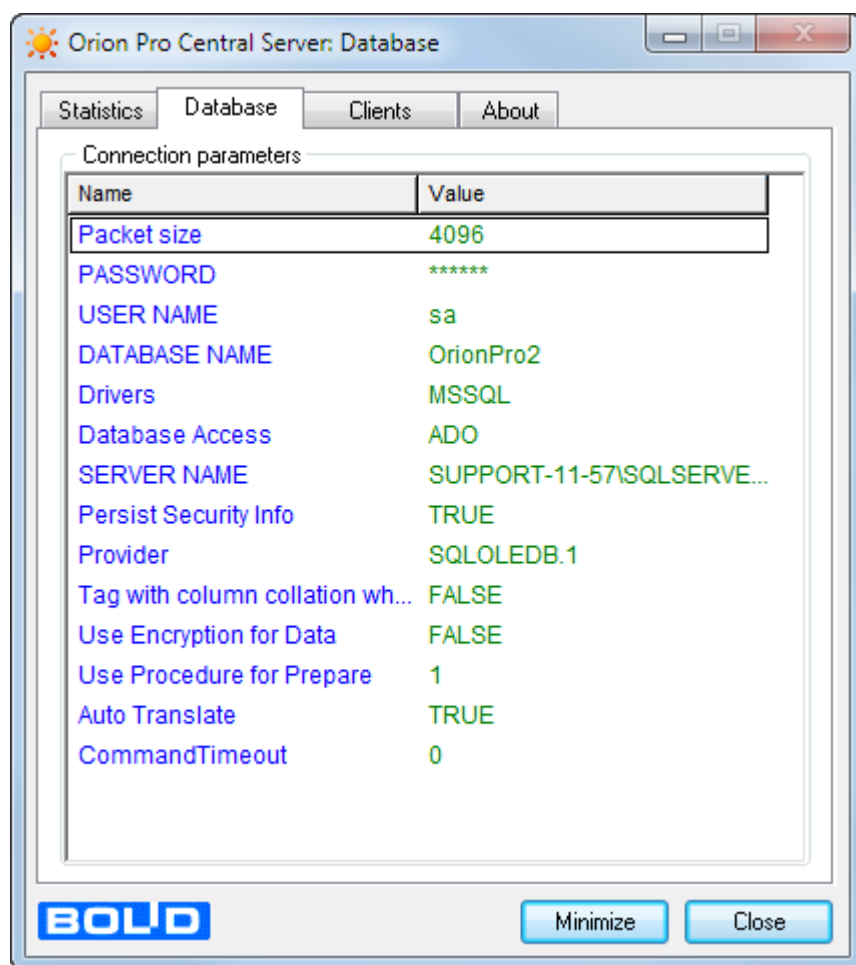
3.1.1 Statistics

The Statistics tab displays the number of Orion Pro network modules that can work in the system simultaneously as permitted by the existing license. The number of modules connected to the Central Server is shown in the parenthesis.



3.1.2 Database

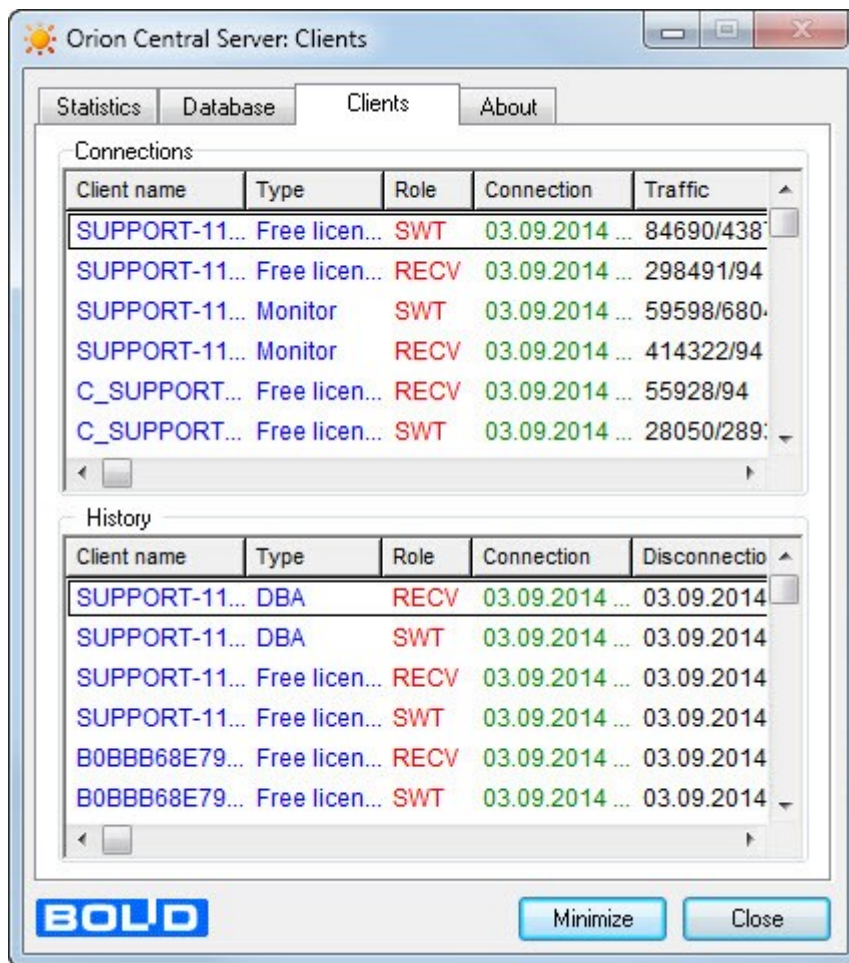
The Database tab page shows information on DBMS settings used currently by the Database.



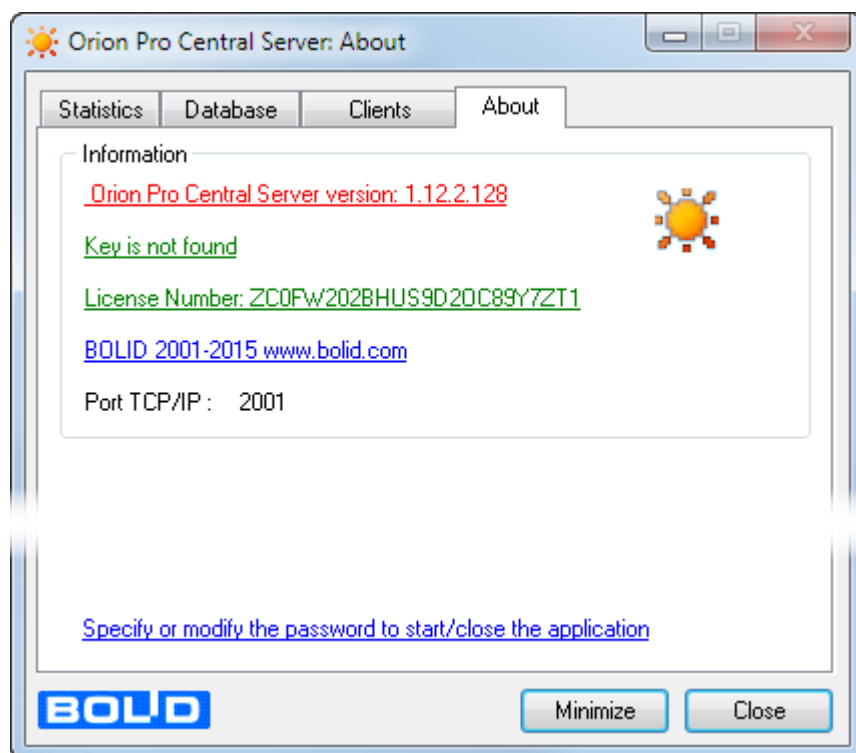
The SERVER NAME field includes the name of SQL Server instance.
The DATABASE NAME field shows the database alias as in the SQL Server settings.

3.1.3 Clients Tab

The **Clients** tab area shows the database interaction history of Orion Pro network clients (modules). The **Connections** field in the upper part shows active (connected) clients, their types, connection time, and income/outcome database traffic. The **History** tab area shows shutdown clients, clients' database connection / disconnection time.



3.1.4 About



The About tab page shows the following:

- Full number of the Central Server version (built
- Number of Central Server protection key (protection dongle) and license number

The **Key ID** field shows the Identification number of protection key for the Central Server. If the Central Server runs in the Demo mode (no protection dongle), it will be closed after four hours of a demo session.

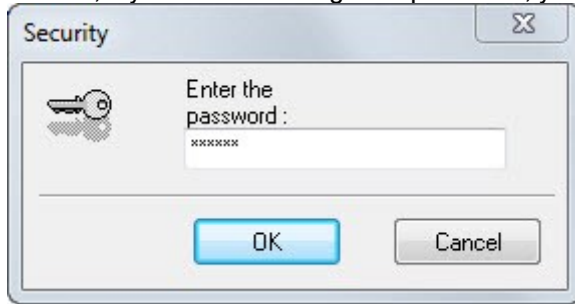
The License Number field shows the number of a license included in the protection dongle. Note that the protection dongle includes a license for the Orion Pro software modules, in other words it specifies how many software modules are allowed to be connected to the Central Server.

- Port used by the Central Server.

Also, you can define a password to authorize quitting the Central Server. To do that please, click the relevant link at the bottom to enter your password in the appeared dialog box:



Further, if you want to change the password, you will have to enter your current password:



And then type your new password in the appeared dialog box.

If you enter an empty field (row), the password protection will be canceled, i.e it will not be used for starting/closing the Central Server.

3.2. License Details

As discussed above, the Central Server is protected by the protection key (dongle) and the **prvd.ini** license file (it is located in the Orion Pro folder on the workstation where the Central Server is launched) that contains information on the number of licensed software modules.

Information provided in the Central Server interface can help you understand whether the Orion Pro is activated properly.

Statistics Tab	The About Tab	Conclusion
Figures before parenthesis in the line after each module match the purchased license	Protection Key ID can be seen The license number are displayed	The license is activated properly
You can see '0' before parenthesis next to each model	Protection Key ID and the Demo Mode sign can be seen The license number is displayed.	The license file does not match the protection key
You can see '0' before parenthesis next to each model.	Protection Key ID and the Demo Mode sign can be seen The license number line is empty	No license file
You can see '0' next to each module name	Key is not found	The protection key is not plugged to the USB port, or no protection key driver is installed