

Volume License Server

Administrator's guide

V 1.0.5

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INTRODUCTION

Volume License Server (VLS) is a license server for all Volume Software products.

According to the principle of the floating licenses, Volume License Server lets you assign licenses to all the users of sedentary workstations.

The client workstations are just declared as “clients” of the license server.

Installations are easier, since there’s no need for registering a license on each client workstation.

As for the users with a notebook computer who wish to use their application on-the-go (without being connected to the network), they should purchase a single user license instead of using Volume License Server.

Section 1 The principle of floating licenses

When you purchase floating licenses, you may install the application on as many workstations as you want; only the maximum number of authorized simultaneous users will be granted the right to use the application.

Example

In your company, about twenty users are likely to use the application.

You consider that a maximum of 10 users will use the application simultaneously.

Thus, you purchase a license for ten users.

At a given time, 10 users are using the application simultaneously.

Should an eleventh user try to login to the application, he couldn’t do so.

He would have to wait for one of the logged users to “free” one connection in order to connect.

Section 2 Where should VLS be installed?

- ① The license server should be installed on a machine that is permanently powered on (a server).
- ① The server should be connected to the network.
All the client workstations have to be connected to the the same network in order to “see” the server.
- ① If a firewall is installed, the port 17000 should be open.

Section 3 Volume License Server: a service and a monitor

The license server is a Windows **Service**.

As such, it automatically starts *before* a session is opened on the server.

The license server controls there is an available session and grants the client application the right (or not) to run.

Thus, the license server is necessary to the client application.

The monitor displays the currently running applications.

It also lets you stop and start the license server.

The monitor is a supervising program, generally launched when opening a session on the server.

The monitor is not necessary for the application to run.

Section 4 Microsoft Framework Runtime

As the application uses the Microsoft .NET[®] technology, you have to install *Microsoft Framework Runtime* first, if it is not already installed.

This installation will have to be completed only once: should you un-install and re-install the application, you wouldn't have to install *Microsoft Framework Runtime* again.

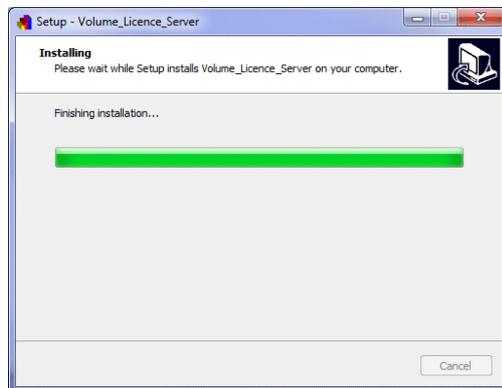
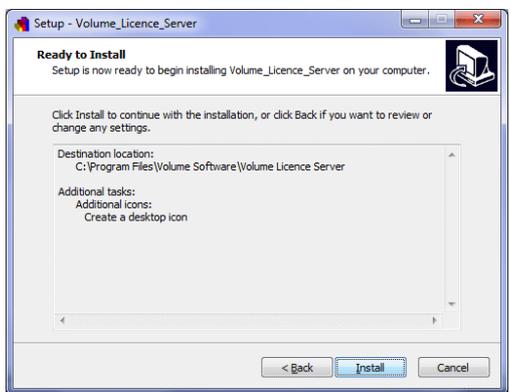
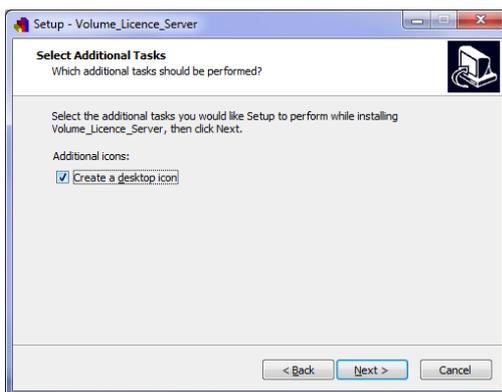
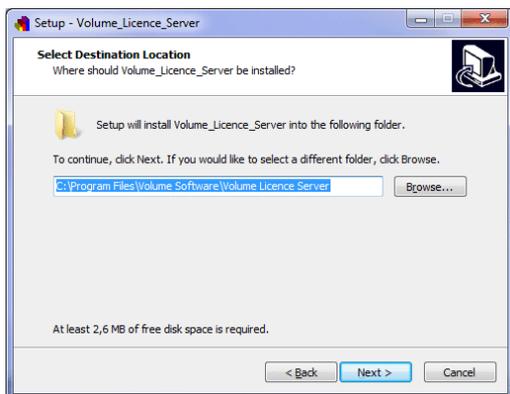
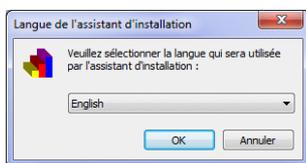
Installation of *Microsoft Framework Runtime* is explained on the download page.

Prerequisite

System: Windows XP SP3, Windows Vista, Windows Seven, Windows 8, Windows 2003, 2008
Available disk space (default c:\) : 100 Mb

Warning | Only a user with administrator rights can install VLS

INSTALLING VOLUME LICENSE SERVER



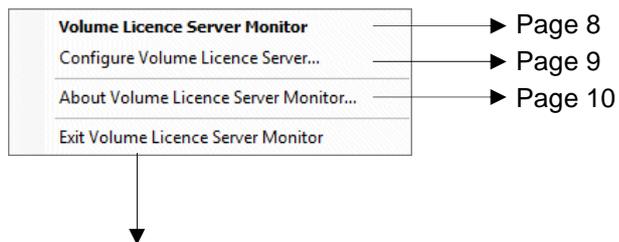
Section 5 After installation

The Volume License Server monitor icon  is displayed in the systray, in the lower right part of the screen.

Double-clicking on this icon opens Volume License Server monitor (page 8).

Remark | You can also open the monitor from within the *Start* menu, or using the icon created on the desktop if you asked for it upon installation.

Right-clicking this icon displays the following context menu:



This stops the monitor, but does not stop the license server, nor the client application!

Remarks |

- To stop the server, open Volume License Server monitor (Page 8) and stop the service.
- To stop the client application, please refer to the application user's guide.

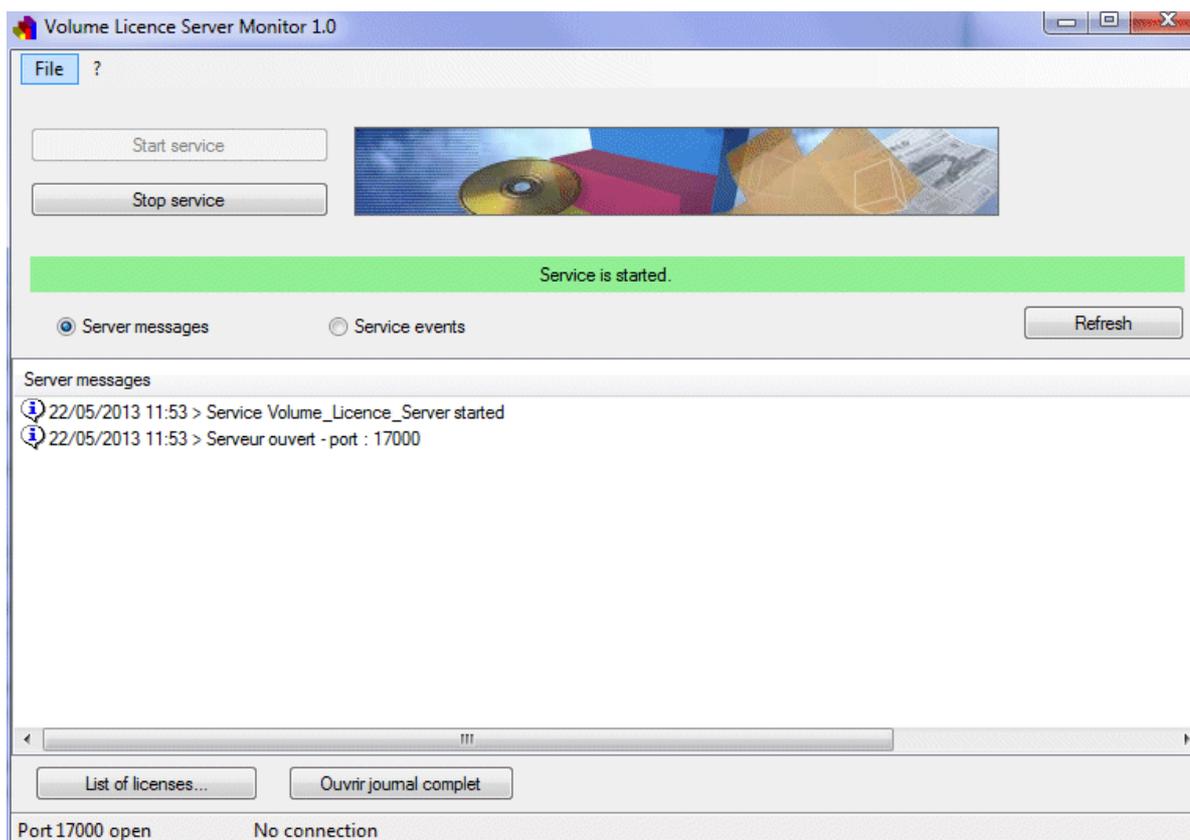
VOLUME LICENSE SERVER MONITOR

Section 6 Stopping and starting the Service

A **red banner** indicates that the service is not running.

⇒ Click **Start service** to start it.

When the service is running, it is indicated by a **green banner**.



If necessary, click **Stop service** to stop it (please, don't stop it now if you've just installed it).

Warning! | Prior to stopping the service, you should make sure that no client application is accessing it!

When stopping / starting, the banner is grey.

Section 7 Messages and events

The middle part of the window displays the *server messages* or the *service events*, according the button that is on.

The events of the service are also displayed (and can be purged) in the *Application* log of the Windows event watcher.

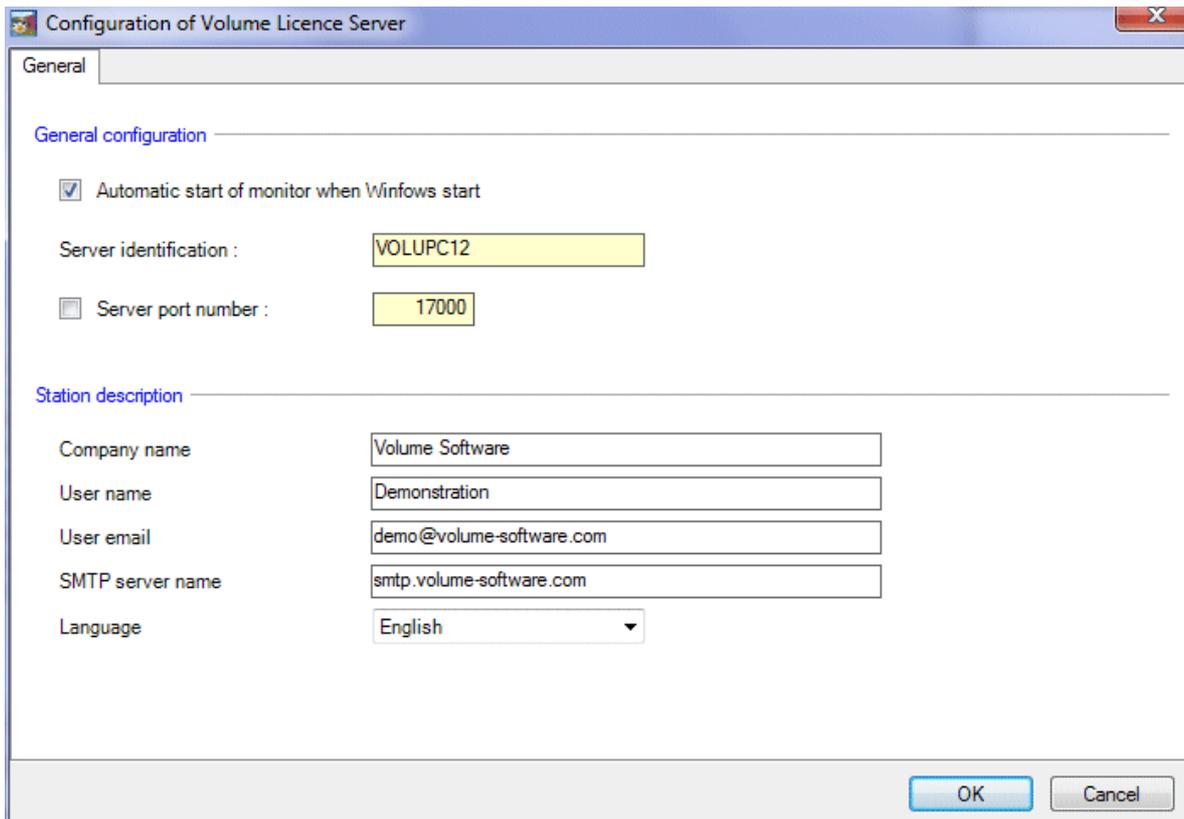
The messages / events are always displayed in reverse chronological order, which lets you see the most recent information on top of the list.

The **Refresh** button lets you update the information displayed in this window.

As we have just installed VLS, the button **List of licenses** won't give us much more information for the moment. First, we'll have to register a license for a product (Direct Planning, ReflexClient...) (page 11).

For the moment, click **File → Configure**

CONFIGURING VOLUME LICENSE SERVER



The screenshot shows the 'Configuration of Volume Licence Server' dialog box with the 'General' tab selected. The 'General configuration' section includes a checked checkbox for 'Automatic start of monitor when Windows start', a text field for 'Server identification' containing 'VOLUPC12', and an unchecked checkbox for 'Server port number' with a text field containing '17000'. The 'Station description' section includes text fields for 'Company name' (Volume Software), 'User name' (Demonstration), 'User email' (demo@volume-software.com), and 'SMTP server name' (smtp.volume-software.com), along with a dropdown menu for 'Language' set to 'English'. 'OK' and 'Cancel' buttons are at the bottom right.

General configuration

We recommend you leave the box **Automatically start the monitor when Windows starts** checked . This always leaves the monitor available.

The Server identification is displayed as a reminder but cannot be changed.

The Server port number should keep its default value, except if it conflicts with another application. Please make sure that the port 17000 (default value) is opened on the server firewall.

If necessary check the box **Server port number** to change it. In that case, don't forget to make the same change on the client application!

Description of workstation

Please provide the required information if you want a mail to be automatically sent in case of problem.

REGISTERING A LICENSE

Section 8 Providing Volume Software with the Workstation key

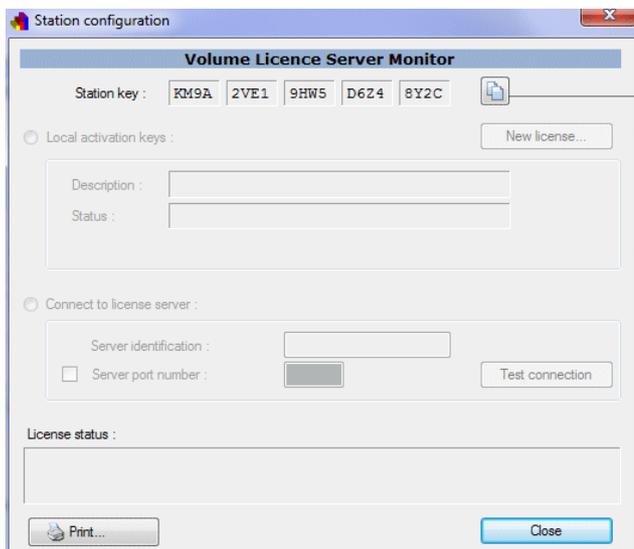
When you purchase a server license, the Volume Software's commercial services will ask you for your **Workstation key**.

Select *About Volume License Server Monitor* from within the context menu or the Volume License Server interface.

This window is displayed →

Click *Configuration*.

You get the following window. ↓



Click this button to copy the **Workstation key** in the clipboard.

Thus, you can easily mail it to Volume Software.

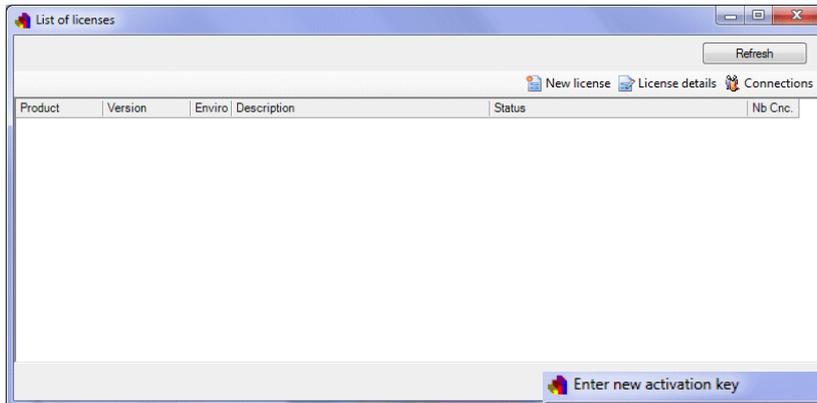
Upon receipt of your **Workstation key**, Volume Software confirms your order and sends you back an **Activation key**.

Section 9 Registering a license

When you receive your Activation key from Volume Software, copy it into the clipboard.

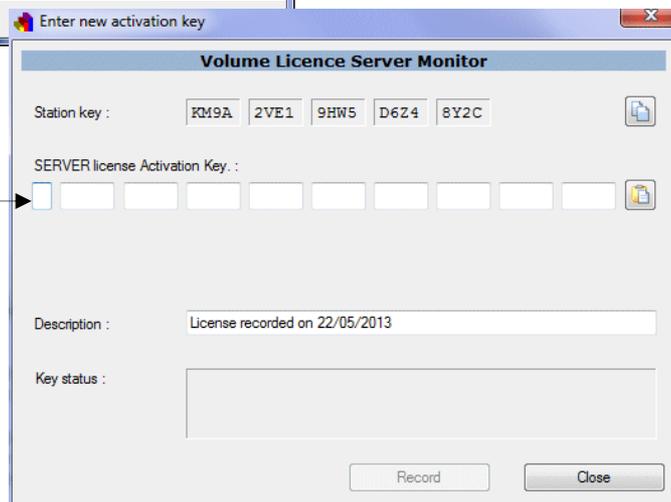
Warning! You have to stop the service (page 8) prior to registering a license.

In the Volume License Server interface window, stop the service (page 8), then click the button **List of licenses**.



← This screen is displayed. As we have not created any license yet, the window is empty.

Click the **New License** button. You get this window↓

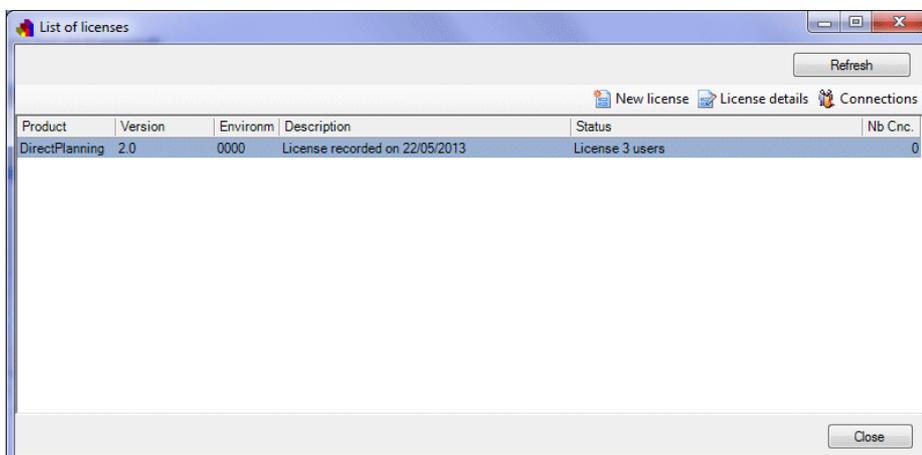


Position the cursor here and paste de **Activation key** at one time.

You may also edit the proposed description, then register your license.

A message tells you that this new license will take effect next time the service starts.

The list of licenses



The list of licenses now contains a line corresponding to the license we have just entered.

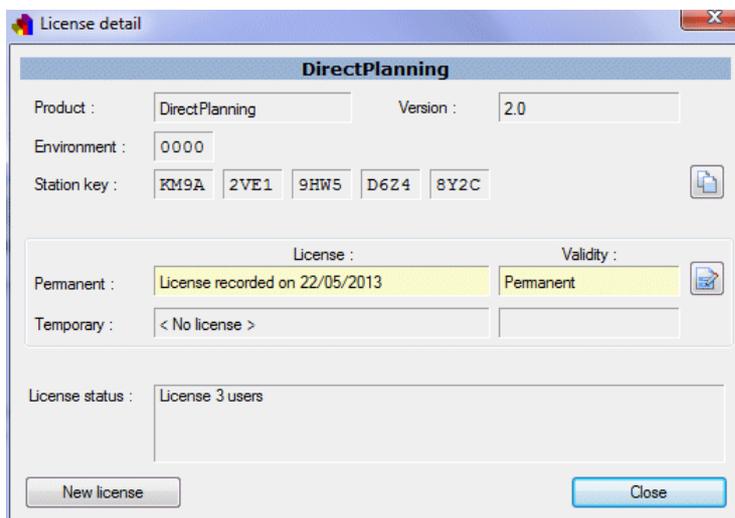
All that remains for us now is to close this window and restart the service (page 8).

The **Refresh** button lets you immediately update the list without waiting for the next scan.

ADDITIONAL INFORMATION

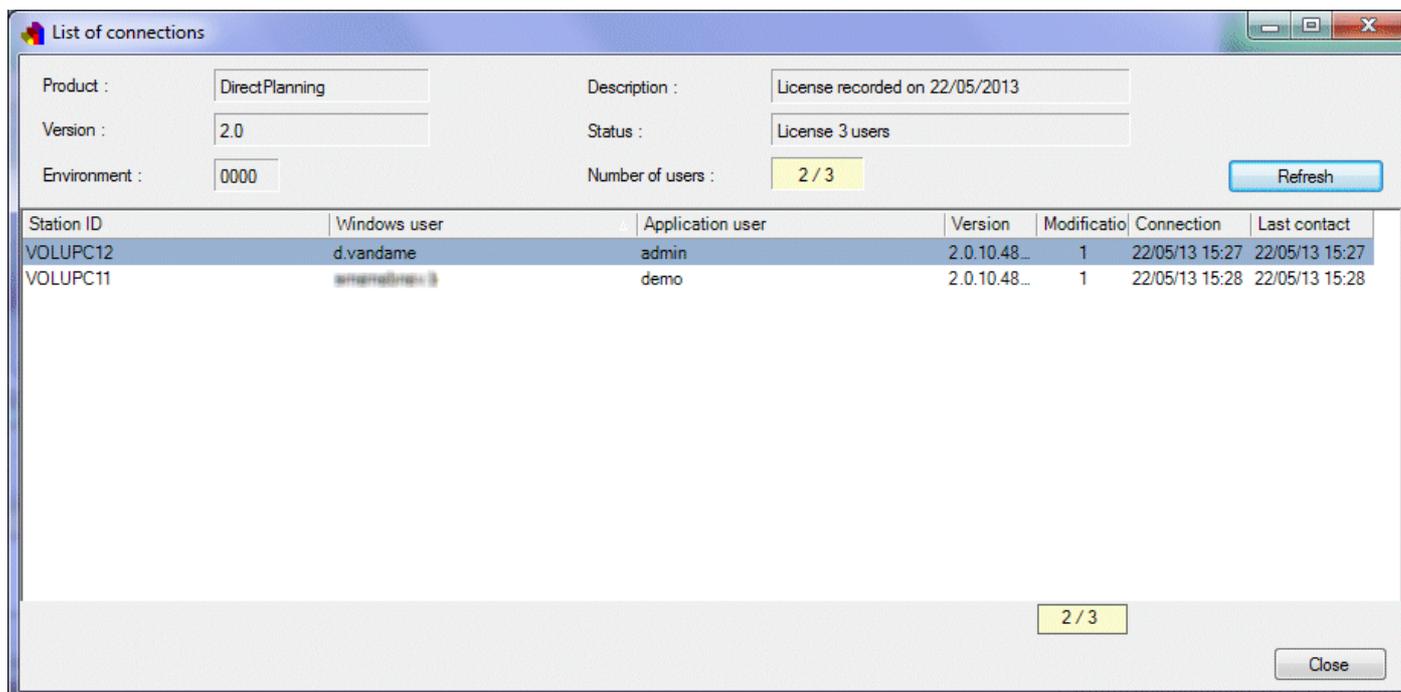
From within the list of licenses (previous page), you can get detailed information about licenses and connections

Select a license, then click the **License detail** button.



Select a license, then click the **Connections** button to know the exact number of current connections.

You can also click the **Refresh** button to immediately update the list without waiting for the next scan.



FAQ ON POSSIBLE PROBLEMS

I can't install VLS

- ➔ In order to install VLS, you must have the **Windows. Administrator** rights.

I can't install a new version of VLS

- ➔ First of all, you have to stop the service of the "old" VLS to uninstall.
- ➔ Then you have to stop the monitor.
- ➔ At last, you can uninstall the "old" VLS with the administrator rights.
- 📖 More information on page 6

My application can't connect to VLS

- ➔ Please check that the monitor is properly working on the server.
 - The service must be running.
 - The monitor must be communicating with the service (message *Service running*).
- 📖 More information on page 8
- ➔ On the firewall of the server, please make sure that the port 17000 (by default) is open.
- ➔ On the client workstation:
 - Ping the server to check that it communicates with the workstation.
 - Check that a firewall or an antivirus is not blocking the communication.