

SchoolVue – Whitepaper

Windows Terminalservern inklusive Load-Balancing

Summary

It is possible to use CrossTec SchoolVue Version 8 and later to control Microsoft Terminal Server clients. This is done by running an instance of the SchoolVue Student as an Application in each Terminal server session. The SchoolVue Student is configured to listen on a different TCP port in each terminal server session.

Details

Terminal Server Setup

If you are using Windows NT 4.0 Terminal Server or you have already installed and setup your terminal server please skip to the next section.

To install Terminal Services on a Windows 2000 Server perform the following at the Server:

Go to {Start}{Programs}{Administration Tools}{Configure Your Server}{Application Server} and select "Terminal Services".

Choose all of the default options.

Restart the Server if prompted.

To install Terminal Services on a Windows 2003 Server perform the following at the Server:

Go to {Start}{Programs}{Administration Tools}{Configure your Server Wizard}.

Choose all of the default options, then highlight "Terminal Server",

Continue to choose the default options, then Terminal Server will begin installing.

Restart the Server if prompted.

Configuring SchoolVue for Terminal server

CrossTec have provided a setup program that will configure the CrossTec Remote Control product to run as an Application in each terminal server session. This configuration program creates all the required configuration files and sets the CrossTec Remote Control Client to start when a user logs on to a terminal services session.

To configure SchoolVue for Terminal services

1. Install CrossTec SchoolVue on the Terminal server using the release setup.exe file that can be downloaded from our web site at <http://activesphere.net/produkte/klassenraum-management/download-informationen-und-produkt/>
2. Once SchoolVue is installed, Download the Terminal_Server_config.exe file from the link at the bottom of this document.
3. Run the Terminal_Server_config.exe on the Terminal server.
4. When Prompted enter the first TCP/IP Port Number and the Number of Terminal server sessions you want to support.
5. When the installation is complete SchoolVue is ready for use with Terminal services.

Connecting to a SchoolVue Student running in a Terminal server session.

SchoolVue version 8.00 or later

For SchoolVue version 8.00 additional configuration options have been added to the SchoolVue to work with terminal services Students.

To connect to terminal services Students

1. Start the SchoolVue and from the school menu select configuration.
2. Select Connectivity and press the Settings Button in the browsing section.
3. Press the add button to add a new broadcast address. Then press the Advanced button.
4. Select the Terminal services option and enter the IP Address of the terminal server and the TCP port range used.
5. Press the OK Button to save the changes.
6. Once the Terminal server address has been added SchoolVue can be used as normal to connect to or browse for Students

For SchoolVue versions Prior ro Version 8.00

In the SchoolVue Tutor go to {School}{Configuration}{General Tab}{At Startup Section} specify the IP address of the Terminal Server and the TCP/IP port numbers of your CrossTec Remote Control Clients to browse for at startup.

There are various different ways of specifying which TCP/IP port numbers to Browse for at startup these are listed below:

10.0.0.51:5000,5005 would connect to clients at 10.0.0.51:5000 and 10.0.0.51:5005.

10.0.0.51:5000-5005 would connect to clients at 10.0.0.51:5000, 5001, 5002,5003, 5004 and 5005.

It is also possible to string combinations together:

10.0.0.51:5000-5010,6000-6010,7000-7010.

If you require any further assistance please contact activeSphere Technical Support support@activeSphere.net

Applicable Operating System(s) : Windows 2000, Windows 2003, Windows NT 4.0

Associated Files : [Terminal_server_Config.exe \(zip\)](#) (1583913kb)

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