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CrossTec SchoolVue v10.5 Feature List

MANAGE

Classroom Management - CrossTec SchoolVue provides a wealth of features designed to streamline classroom management.

- * Power On or Off all lab PCs from the tutor
- * Perform a remote "Log Off" on all PCs
- * Send a remote "Log In" to all student PCs at the beginning of class
- * Blank student screens to turn off their screens and gain their attention
- * Lock the student's mouse and keyboard when instructing
- * Create custom classroom layouts so the tutor PC represents the layout of the physical classroom
- * Create individual tutor profiles to deliver the specific features needed by each teacher
- * Give individual students visual rewards to encourage effort or behavior
- * One Click "Request Assistance" options for teacher needing tech support

Interactive Lesson Planner

- * Create fully automated, predefined lesson plans
- * Select actions and content elements from a pick list and drag onto the planner
- * When running, a progress bar within the main tutor console will advise the teacher on the current activity and the time remaining for that specific element

Printer Management

- * Prevent students from printing in the classroom
- * Limit printer usage by number of pages
- * Require teacher authorization prior to printing
- * Prevent printers being added, deleted or modified
- * Control access and usage for each individual printer
- * Display real-time print indicator identifying which student is printing
- * Eliminate all duplicate print jobs

Device Management

- ✳ Prevent data from being copied to or from USB storage devices
- ✳ Prevent data from being copied to or from CD-ROM / DVD devices
- ✳ Prevent new network connections from being created

Student Register - CrossTec SchoolVue offers Student Registration where additional user information can be captured

- ✳ Request standard and custom information from each student at the start of class
- ✳ Save an attendance register for future reporting
- ✳ View a contact summary for each student at any point during a lesson by using a "mouse over" of the student's icon
- ✳ Use customized icons for an individual or groups of students

Student Information Bar - CrossTec SchoolVue features a Student Information Bar, neatly located at the top of each student screen. This can be set to be always visible, always invisible, or to auto-hide.

- ✳ The information bar provides feedback to the student
- ✳ Shows current lesson, time remaining, current websites and applications that are available
- ✳ Provides status of instant messenger and keyboard monitoring
- ✳ Quick access to Request Help
- ✳ Fully configurable by the teacher

Hand Out and Collect Files - With CrossTec SchoolVue you can distribute files and data from the tutor PC to multiple student workstations

- ✳ Transfer files to and from a selected PC in a single action
- ✳ Distribute files to multiple PCs in a single action
- ✳ Hand out files to all students and automatically collect them at the end of the lesson with details for each student appended to their file

NEW - Manage Student Resources - The Student Toolbar now provides a quick and convenient way for students to access the resources required for a given lesson. In situations where the school's computer desktops are 'locked down', thus preventing students from creating desktop shortcuts to work files, websites etc, teachers will often need to spend precious time explaining to the class where to access the resources. Teachers can now by-pass this cumbersome approach by quickly adding the required shortcuts to the Student Toolbar.

Portable Tutor - CrossTec SchoolVue Tutor module can be run directly from any portable USB device in any location. This enables an instructor to create tests, recordings and lessons from their own office or home PC.

Auto Re-Connect – If a student loses a connection or ends the session, they will automatically be re-connected to the SchoolVue class.

NEW - Connect To Students In Room – CrossTec SchoolVue 10.5 introduces an additional connectivity option ideal for helping teachers quickly connect to the machines in a given room. An intuitive startup wizard enables you to assign PCs to a particular room and quickly deploy the student software to those machines. At the start of a lesson the teacher simply indicates which of the pre-defined rooms they want to connect to. 'Roaming' Students also have the option of connecting to a designated room.

Enhanced – Browse and Connect Performance – A new configuration option, 'Accelerate Browse', dramatically improves browse and connect performance. If while browsing for Students some of the machines in the 'known list' are switched off, rather than pause while trying to connect, the Tutor will instantly skip the unavailable machines and move on to those that are available. A visual indicator will highlight those machines that could not be connected to.

Instruct & Collaborate

Real-Time Instruction (Show Mode)

- ✳ Show the tutor's screen to selected students
- ✳ Show a specific desktop to selected students
- ✳ Show a chosen application to selected students
- ✳ Show a replay file (previous screen recording) to selected students
- ✳ Broadcast a video file to selected students
- ✳ Deliver your presentations optimized for wireless networks
- ✳ Leave a recording of your presentation, including audio, on the students PC for future review
- ✳ **NEW** - Reduced the amount of memory used at the Tutor

Key Show - Visually highlights what key combinations are used (i.e. CTRL + P for print).

Screen Highlighter and Drawing Tools (Annotate) - CrossTec SchoolVue provides a multitude of screen annotation tools to aid in presenting information to students. These include Line Tools, Arrows, Shapes, Text Highlighters and more. You can also use SchoolVue's Annotation Tools in other applications.

Virtual Whiteboard – Full page Whiteboard is integrated directly within the tutor. A wide variety of content (documents and images) can be imported directly into the whiteboard. It is supported by a strong selection of drawing tools for improved collaboration within the classroom.

Internet Co-Browse – Allows a teacher to open selected websites and match this with the browser on each student PC. As a teacher navigates across a website, the student PCs will follow.

Group Leaders – A selected student can be assigned specific tutor rights and act as a group leader until these privileges are revoked. Now includes a visual layout of leaders and their assigned group members.

Group or 1:1 Chat - Open a discussion session that all or selected students can join, enter comments, and share with the rest of the class.

Audio - Broadcast audio to the class or transmit the tutor's voice during a presentation. Audio support is included in all Show Screen, Remote Control and Chat sessions.

NEW - Real-time Audio Monitoring

CrossTec SchoolVue now provides the IP audio tools teachers and trainers need to ensure language lab computers are being used as effectively and efficiently as possible. Monitor the entire class in a single view and with the use of the displayed visual indicators see instantly which PCs have live audio activity. Listen to a student's microphone feed and correct pronunciation, conduct a 2-way chat with a specific student while avoiding disruption for the rest of the class.

Exhibit (Student Screen) - Allows a teacher to select a student's computer and broadcast that screen to the rest of the class to teach by example. Perfect for highlighting achievement or sharing student feedback.

Teacher Toolbar – When the teacher application is minimized, a convenient toolbar is provided for quick access to key features within SchoolVue. This toolbar is optimized for use with Interactive Whiteboards.

MONITOR & CONTROL

View Student Screens in Real-time (Monitor Mode)

- ✳ Monitor the entire class in a single view
- ✳ Scan through sets of student PCs in pre-defined multiples
- ✳ Overlay additional information, including Active Application or Active Website
- ✳ Zoom for optimized high definition student thumbnails

Enhanced – Student Thumbnails - Student Thumbnails can now be sized using a flexible slider enabling you to make better use of the space available on the Tutor screen. Thumbnails can also be viewed 'full-screen' by pressing F11.

Instant Messenger Monitoring - In addition to the ability to prevent messenger applications from running within the classroom, CrossTec SchoolVue also provides real-time monitoring of specific messenger applications and chat conversations. This presents the teacher with a real-time view of chat activity and content.

Real-Time Keyboard Monitoring - Designed to be used in conjunction with application control, this feature provides teachers with a real-time insight into student activity and topic understanding.

- ✳ During a lesson the teacher can monitor the entire class and see quickly and easily what they are typing and view activity levels
- ✳ Provides "target" keywords for tracking of student understanding and a full history of keyboard usage by student and application

Application Metering and Control

- ✳ Monitor all student application use
- ✳ View background applications running on all PCs
- ✳ Open and close applications on all selected PCs in a single action
- ✳ Record a full history of application use for the class
- ✳ Allow the use of all applications
- ✳ Prevent restricted applications from running
- ✳ Allow only approved applications to run

Internet Metering and Control – White Listing

- ✳ Monitor student Internet use
- ✳ View background websites that are open but not the active window on all PCs
- ✳ Open and close websites on selected PCs in a single action
- ✳ Record a full history of Internet use for the class
- ✳ Allow access to all websites
- ✳ Prevent access to any website
- ✳ Prevent access to restricted websites
- ✳ White Listing allows access to approved websites only – all others will not be opened
- ✳ Allow access to selected pages on a website
- ✳ Display a default or personalized notification web page when students visit a restricted site

Internet SafeSearch - This feature overrides the search settings for most leading search engines and prevents inappropriate content being revisited within search results.

Powerful Remote Control - Watch, share or control the screen, keyboard and mouse of any student workstation in the class on a 1:1 basis. Can be done regardless of color depth, resolution or operating system at either end. Remote control supports Windows, Mac OS/2, Linux and CE based devices.

LEARNING

Student Journal – CrossTec SchoolVue now provides a powerful and unique Student Journal. During a typical class, all appropriate items relating to the subject can be captured and automatically included in a PDF file for post lesson review by each student. Each journal is unique to each student.

Each unique student journal provides a complete record of the subject matter and information covered during a lesson, and offers a summary for students who were absent, as well as a structured summary of activity for the instructor.

- ✳ Lesson details and objectives
- ✳ Teacher notes
- ✳ Individual student notes
- ✳ Screenshots from within a presentation (and supporting explanation)
- ✳ Class or group survey results
- ✳ Virtual whiteboard screens
- ✳ Individual student test results
- ✳ URLs of websites used during the lesson
- ✳ Copies of any class chat transcripts

TESTING

Student Surveys and Assessment - Find out if your students have understood the content covered during the lesson by conducting an instant survey.

- ✳ Create an instant survey question using pre-supplied or custom responses
- ✳ See instantly all student responses and a summary for the class
- ✳ Create groups dynamically based on student responses
- ✳ Publish survey results to all students

Student Testing and Quizzes - Design tests and examinations with minimum effort, including text, picture, audio and video questions.

- ✳ Create a library of resources and questions that can be shared with other educators
- ✳ Create any number of tests using questions from your library
- ✳ Utilize any of eight different question styles. Ex: True/False, Multiple Choice, Label Pictures, Video, Fill in the Blank and more
- ✳ Create questions with between two and four possible answers
- ✳ Set examination grading levels (i.e. over 75% = A grade)
- ✳ Track student progress in real-time and see question success or failure in real-time
- ✳ Auto-mark the entire test so results are available as soon as the test is completed
- ✳ Display individual results back to each student
- ✳ Deliver result summaries (including highlighting the correct answers) to the class
- ✳ Install the test designer on a standalone system

TECH CONSOLE –

A classroom management solution is more than providing the right tools for each teacher. Equally important are tools to ensure all computers in the school can be managed and maintained, so *they are always available for teaching*. CrossTec SchoolVue now provides a unique Tech Console specifically for network managers and IT professionals.

- * Monitor all computers across the school network in a single view
- * Monitor application and Internet usage on each student PC
- * Transfer files and folders to all or selected computers
- * Group all computers by classroom or physical location
- * Generate a full hardware inventory summary for a selected PC
- * Generate a full software inventory for each PC including Hotfixes
- * View and control services, processes and applications running on each PC
- * An indicator can be activated on teacher PC when live tech support is available
- * Provide direct technical assistance to any classroom teacher
- * Power on, power off, reboot and login to classroom computers remotely
- * Display all students and teachers by active class
- * Review individual SchoolVue client security settings remotely
- * Conduct a chat with one or multiple students or teachers
- * Broadcast messages to groups or to all network users in seconds
- * Perform powerful 1:1 PC remote control on any selected computer
- * Shows real-time USB memory stick status on all student PCs

WIRELESS and Terminal Services Support

Optimized for Wireless Networks and Environments – CrossTec SchoolVue is fully optimized for use with wireless networks, laptops and tablet PCs. SchoolVue provides a specific wireless mode that allows data throughput when performing a real-time show to a class to be matched to the wireless network and access point speeds. SchoolVue is extensively used on 802.00a and 802.11g networks.

- * Connect to computers over a Wireless connection
- * Optimize performance to match access point speeds
- * Create predefined class lists to connect to non-static computers
- * Work effectively with laptop and tablet computers
- * Publish a class and allow students to join on demand

Student Locator (Gateway) - Allows wireless student laptops to be located across a WAN, identifies their current network details and ensures easy connection from a teacher's class list. Typically, classroom management solutions can only browse and locate student computers on the same subnet. However, with SchoolVue, your students can be anywhere on campus.

Enhanced – Terminal Server Support - Installing and configuring CrossTec SchoolVue for a Terminal Server environment is now a more simplified and seamless process.

SECURITY

CrossTec SchoolVue features numerous security features to ensure its correct and authorized use.

- ✦ Unique security key is included to make your copy incompatible with other copies
- ✦ Restrict connectivity to only systems carrying a matching software license
- ✦ Tutor profiles each allowing customized levels of functionality as required
- ✦ Use AD profiles to limit which users are able to use the tutor or tech software
- ✦ Use AD profiles to force configurations for both tutor and client
- ✦ Automatically re-apply restrictions on reboot of a student computer

CrossTec SchoolVue provides example Active Directory (AD) templates for easy implementation. The Tech Console also provides the ability to review the SchoolVue security on each student PC.

SYSTEM REQUIREMENTS:

65Mb free disk space

CrossTec SchoolVue School runs on :

Win 2000, 2003, 2008 , XP, Vista, and Windows 7 (32 and 64 bit)

IPX/SPX, NetBEUI and TCP/IP

Enhanced - SchoolVue also supports:

NComputing's X-Series and L-Series products

Wyse Streaming Manager

MiniFrame's SoftXpand solutions

Citrix and Microsoft Terminal Service environments

COMPONENTS SUPPLIED:

The 'Tutor' is the PC that views/takes over a PC

The 'Client' is the PC that is viewed or taken over

Synchronized Multimedia Player for WAV, MOV, AVI, MPG, etc. files

Tech Console for overall PC management and real-time support to classroom instructors

Gateway, for enhanced connectivity across subnets and wireless LANS, allowing SchoolVue to scale to any size environment