

Spector 360™

School-Wide Monitoring and Surveillance Software

Spector 360 enables you to monitor student PC and Internet use, analyze trends and patterns, investigate suspicious behavior, search for specific details and report your findings all from the convenience of your desktop. Spector 360 is a scalable, centrally-managed, student monitoring solution that is easy to deploy and manage, even district-wide.

Key Benefits

- Find and eliminate proxy use
- Increase time-on-task and learning
- Conduct investigations and document violations
- Ensure adherence to Internet Acceptable Use Policies
- Reduce Cyber Bullying
- Reduce bandwidth consumption and help desk calls
- Monitor teacher/student communications

Features at a Glance

- Monitor all student PC and Internet activity with high-level charts, graphs and tables
- View detailed activity of individual students with point-and-click drill down
- Automated reporting
- Includes context-based web filtering
- Multiple levels of security prevent tampering or disabling
- Configure, install and manage over existing network

Powerful, Centralized Student Internet Monitoring

Spector 360 records your students' web sites visited, keystrokes typed, files transferred, documents printed, emails, chats, instant messages and applications run. In addition, through a first of its kind surveillance-like camera recording tool, Spector 360 provides context by showing you in exact visual detail what a student does every step of the way.

Spector 360 takes the recorded Internet and computer activities from each of your users, feeds that information into a secure database and provides you with more than 50 built-in reports and unlimited customization to answer questions like:

- Which students are goofing off instead of doing their class work
- How are students getting around filters to visit MySpace, Facebook or to surf porn
- Which students are eating up bandwidth by downloading music, videos, and games
- Who is copying files to or from USB drives or peer-to-peer servers
- How can our school save money by eliminating under-utilized software
- Are staff members using school computers for inappropriate activities and communications
- Who is attempting to visit web sites that are blocked

Beyond reporting, Spector 360 offers user-level investigative tools. If you detect a problem or suspect a specific student is the main culprit of abuse, dig deeper and review every detail of their computer and Internet activity to gather the evidence you need. The level of detail is so precise that you can see what students do each and every second.

"Spector 360 greatly enhanced our ability to keep students from doing what they're not supposed to do."

Russell Moore
Network Administrator
Plainfield Community School District



Data Sheet | Spector 360 for Education

Why Monitor Your Students?

The Top Reasons Schools Monitor Students and Staff:

Strengthen Web Filters and Firewalls

While schools are required to provide filters to block inappropriate web sites, filters can sometimes be too restrictive or fail to block some inappropriate sites. Students also know how to circumvent filtering technology using proxy servers and other tricks. Spector 360 lets you track where students go on the Internet and how they got there.

Increase Time On Task and Learning

Significantly reduce the amount of time students goof off while in class or computer labs. Spector 360 can reduce game-playing and inappropriate web surfing by at least 75%. Imagine the increased achievement that just another 10 minutes of learning time per student per class would bring.

Identify/Investigate At-Risk Behavior

Any student or staff suspected of engaging in inappropriate, illegal, or unapproved conduct can be quickly investigated with Spector 360.

Enforce your Acceptable Use Policy

Students often believe that rules can be bent if no one is watching. Spector 360 is continually watching so student abuse is minimized. Lower the incidence of students trying to circumvent your firewall and filters, reduce the number of bad words typed and determine if students are being bullied online.



Monitor One-to-One Laptops

End student abuse of laptops when they are away from campus. Spector 360 will continue to monitor student Internet and PC usage as well as block restricted web sites, even when computers are removed from the school network.

Monitor Students 24/7/365

Spector 360 empowers you to address your productivity, ethics, security, compliance and one-to-one laptop program concerns head on, by monitoring computer and Internet usage across your entire organization day and night, 365 days a year.

Spector 360 will automatically record:

- Web Sites Visited
- Online Searches
- Emails (including webmail)
- Chats/Instant Messages
- Keystrokes Typed
- Program Activity
- Network Activity
- File Transfers
- Documents Saved/Printed
- Screen Snapshots

Obtain a High-Level View of How Your Students Are Using School PCs and the Internet

With Spector 360, you can quickly observe how one or more students are using school resources with easy-to-read intuitive charts. Analyze the usage patterns and trends of individuals, classes, media center PCs, departments, schools or your entire district. If anything seems to be amiss, you can drill-down to reveal the nitty-gritty details.

Uncover the Details

High-level reports and charts help you quickly identify those students who are most likely engaging in activities that are harmful. Suspect behavior can be examined in detail by drilling-down to view the PC and Internet activity of any individual student.

Several powerful and easy-to-use tools are provided in Spector 360 to allow you to sift through recorded data and locate a specific event or pattern. You can even

replay the screen snapshots associated with specific events using Spector 360's Screen Snapshot Viewer and its easy-to-use VCR-like controls. Generate professional, customized management reports of your findings with just a few clicks of a mouse.

Customizable Reporting

Graphically analyze how PCs and the Internet are being used throughout your organization with literally dozens of customizable built-in charts and reports.

Display the events recorded today, yesterday, last week, a specific month or over an entire semester or year. Focus on one student, a department, or everyone in a given school.

Spector 360 enables you to generate reports on demand from any of the displayed charts or data tables. Additionally, you can schedule automatic email delivery of reports.

Includes Web Filtering

Spector 360 allows you to proactively control how your students use the web by integrating Internet Filtering with world-class monitoring. Block access to specific web sites or to categories deemed inappropriate for your students. Restrict access by individual, class, school or the entire district. With dozens of pre-defined web filtering categories, Spector 360 gives you the power to eliminate excessive and explicit Internet surfing while keeping your students focused and on task.

Manage Via the Network

Spector 360 is easy to install and manage over your existing network. System administrators will find the MMC (Microsoft Management Console) interface familiar and will be productive from the start without any special training. Installation, configuration, data security and more can be accomplished from anywhere on the network.

The Spector 360 Dashboard

The Dashboard is the focal point of Spector 360 and provides you with multiple ways to quickly review student PC and Internet activity. The Dashboard contains the following tools:

Quick View (Figure 1)

View charts and data tables showing exactly how PCs and the Internet are being used by your entire district, a school, a specific department, or an individual. Get answers to questions such as:

- Who is trying to visit blocked web sites the most?
- What web sites do students spend the most time visiting?
- What do students search for the most while online?
- Who is chatting and instant messaging during class time?
- and more...

Data Explorer

View all recorded data by specific activity: Chat, Email, Web Sites Visited, and more... Powerful sorting features make it easy to focus on specific users, groups, computers and dates.

User Explorer (Figure 2)

Concentrate your investigation on a single student. Dig deeper by analyzing the student's PC and Internet activity using a streamlined interface that organizes this information under convenient tabs. Each tab represents a specific activity such as Email, Chat, Keystrokes Typed, and more...

Reports

View professional, high-quality management reports on how students are using their PCs and the Internet. Print, email, or schedule automatic report delivery with a click of your mouse.

Search

Quickly find the information that is most important to you by searching for a particular word or phrase.

Management

Manage access privileges, web site filtering, report scheduling, backup, archiving and other security features. Remotely install or uninstall, configure and manage recording of network PCs.

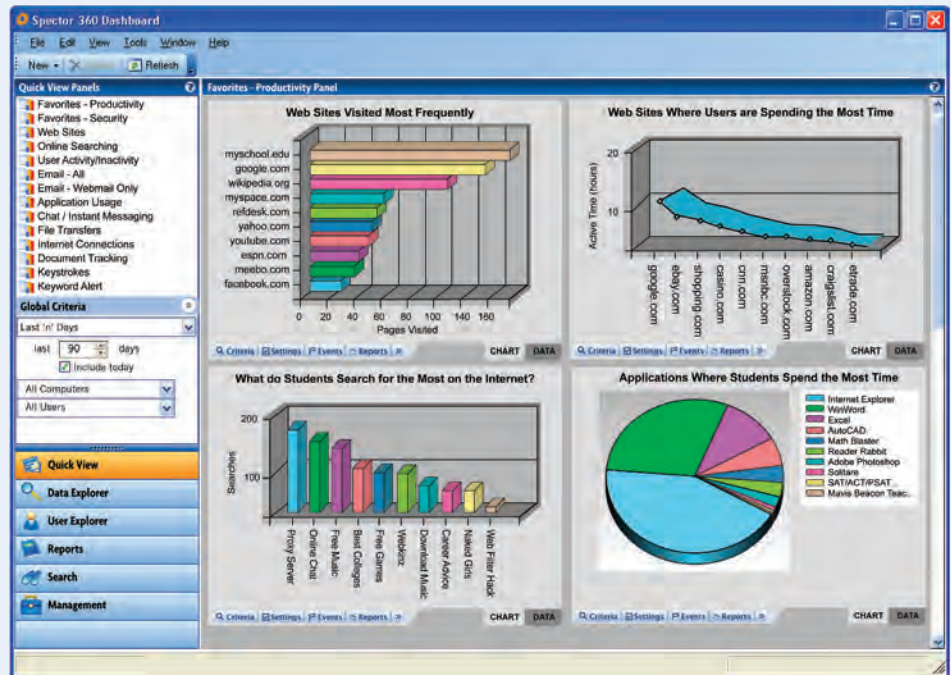


Figure 1. The Quick View tool allows you to graphically analyze how students are using PCs and the Internet with more than 50 customizable built-in charts and reports.

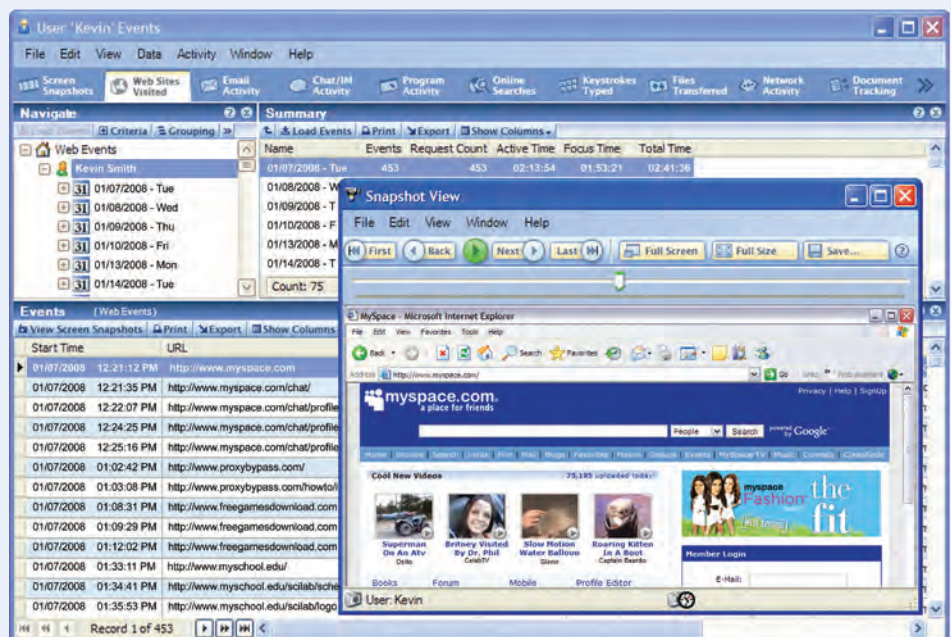
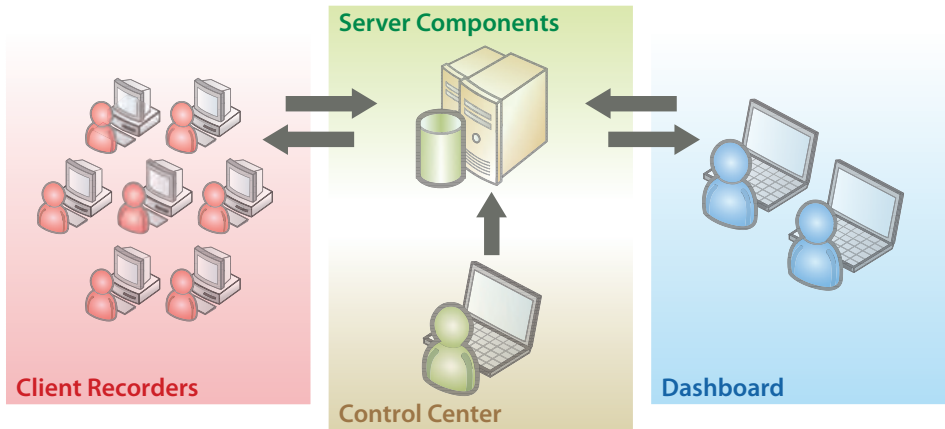


Figure 2. The User Explorer tool empowers you to inspect the PC and Internet activity tied to an individual, one student at a time. Plus, powerful screen snapshot recordings allow you to visually review student activity much like a surveillance camera.

Data Sheet | Spector 360 for Education



Spector 360 Architecture

Client Recorders

The Client Recorder is installed onto each computer being monitored and can execute in "stealth mode" so students are unaware they are being monitored.

Dashboard

The Dashboard is the focal point for all Student monitoring and is used to manage Spector 360 installations, retrieve recordings, review student activity and produce or schedule reports. Several copies of the Dashboard may be deployed throughout your organization.

Control Center

All of the Client Recorders are configured and managed by the Control Center, which is used to push out the installation to the clients located on the network.

Server Components

Spector 360 includes software-based server components that can reside on one server-class machine or be distributed across multiple machines. The Server Components handle collection/archiving of recordings, web filtering and software service updates.

System Requirements

Recorder (for computers being monitored)

- Windows Vista, Windows XP, Windows 2000, Windows NT 4.0, Windows Server 2008 or Windows Server 2003
- Network Access (Networked on a Windows Domain, Workgroup, or Novell Network)
- Administrator share level access (CS) to computer for remote installation

Control Center (MMC Snap-In)

- Windows Vista, Windows XP, Windows 2000, Windows Server 2008 or Windows Server 2003
- Administrator Privileges to each network computer being recorded
- Network access to computers being recorded

Dashboard

- Windows Vista, Windows XP, Windows 2000, Windows Server 2008 or Windows Server 2003
- Network access to the Data Vault / SQL Database Server
- Windows login or login privileges to the Database

Server Components

- Windows Vista, Windows XP, Windows 2000, Windows Server 2008 or Windows Server 2003
- Network access to computers being recorded
- Approximately 7 GB free hard disk space for a typical SQL database, with allowance for 50 MB (400 MB with snapshots and email attachments) for each user per month

"Spector 360 monitoring software uncovered an 'incredible' PC high-jacking and has impressed both IT and administration as 'user-friendly and feature-rich.'"

Andrew Michaels
Director of Technology and Information Services
St. Anthony Parish

"Spector 360's pre-constructed reports let you see what's going on real fast... and it's easy to create your own reports... it only takes about a minute to set one up."

Robert Haviland
Technology Coordinator
Hickman County Schools

"Spector 360 helped us realize huge savings by uncovering a software program that was not being used as widely as we anticipated. We are now able to save \$40K annually by reducing the number of licenses we pay for."

Russell Moore
Network Administrator
Plainfield Community School District

"Using Spector 360's screen snapshots, we could see that three-quarters of the class were on the Internet... we could see it in detail... the games and all the rest."

Greg Gebhart
ICT Manager
Lowanna College, Australia

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