

Protecting Resources and Information Within an Open University Campus Network

The Anderson University campus network needed security solutions that could evolve to keep up with the constant changes inherent in supporting a growing base of faculty and staff as well as the dynamics of a yearly influx of new student laptops and desktop systems.

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— Ken Krenick
Systems Administrator, IT
Anderson University
Anderson, South Carolina

KEY BENEFITS

- Protection from viruses, spam, spyware, other forms of malware, and hackers
- Centralized view of all desktop and server system status
- Automatic updates for time-saving distribution of new patterns
- Stable, highly available network for students and faculty, with protection built in at multiple levels

Giving Students Access While Protecting the University Infrastructure

In its early days as a small college, Anderson University had only four servers on a Novell™ network. A service provider managed the staff’s Internet access and email services and students did not have email accounts through the college. Since then, a lot has changed. In the summer of 2001, the network expanded and converted to Microsoft™ networking. Email also moved on campus and students were given accounts. To address the corresponding proliferation of viruses and malware, the IT team asked for advice from the consultants that deployed the new Microsoft Network. The consultants recommended Trend Micro for best-in-class security solutions.

“We used to have McAfee earlier but we were confident Trend Micro would offer us more secure protection, especially in the context of newer threats,” said Ken Krenick, systems administrator in IT at Anderson University. “Also, McAfee’s solutions did not let us push updates from a central server. The Trend Micro solutions not only gave us a campus-wide antivirus solution, but gave us the ability to automatically distribute updates.”

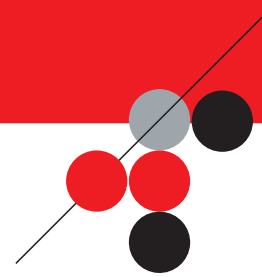
Protecting Email in an Open Environment

When Anderson College became Anderson University earlier this year, the campus network had grown to support more than 20 servers. Two mail servers handle accounts and traffic for faculty, staff, administrators, and students totaling more than 1,700 each year. The Trend Micro products that were introduced in 2001 still provide the foundations for security on the campus network today, protecting campus management software as well as student, staff, and faculty data. These include Trend Micro™ OfficeScan™ Client/Server Edition, ServerProtect™, and ScanMail™ for Microsoft Exchange™.

“Like most colleges and universities today, we give our students email accounts and network access,” said Krenick. “But we do not support their laptops and desktop systems and many students end up with no security software or with outdated software on their machines. This puts the onus on us to protect the health of the network. ScanMail for Exchange has proven to be the most trustworthy product for securing Microsoft Exchange. With ScanMail and other Trend Micro security solutions, we are able to support an open environment for students without being impacted by otherwise debilitating malware.”

The Changing Nature of Threats

Originally, the Trend Micro solutions were necessary for fending off viruses. While this is still true, other threats have become more numerous than viruses. “Spam, spyware, and adware are much bigger problems today,” explained Krenick. “Even so, we have not had any downtime for servers on our network as a result of these potential problems. The Trend Micro solutions give us the protection we need to combat evolving threats.”



Simplifying Administration for a Large Network

"Trend Micro solutions make my job much easier," said Krenick. "I can monitor everything quickly and easily with the console interface to confirm that everything is up to date. Any new patterns are automatically downloaded to clients. I can control everything that comes in and make sure that all of the systems are protected and operational for classroom instruction, research projects, and any other on-campus needs."

Providing Students with a Stable, Secure Environment

Universities today must compete for the top students. Providing an open state-of-the-art campus network is an important requirement for attracting and meeting the needs of a top-caliber student body. Krenick explained, "Partnering with an industry-leader like Trend Micro lets us provide the best technology foundation for our students. Trend Micro solutions also protect our faculty and research teams—we can't afford attacks that would compromise intellectual property or research resources."

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TREND MICRO PRODUCTS

Trend Micro™ ScanMail™ for Microsoft Exchange™

<http://www.trendmicro.com/en/products/email/smex/evaluate/overview.htm>

Trend Micro™ OfficeScan™ Client/Server Edition

<http://www.trendmicro.com/en/products/desktop/osce/evaluate/overview.htm>

Trend Micro™ ServerProtect™

<http://www.trendmicro.com/en/products/file-server/sp/evaluate/overview.htm>

Trend Micro, Inc.

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