



Chippewa Valley Technical College

CASE STUDY

Customer Details

Chippewa Valley Technical College is part of the Wisconsin Technical College System and serves an 11-county area. The main campus is located in Eau Claire, with regional campuses in Chippewa Falls, Menomonie, Neillsville, and River Falls. CVTC has approximately 22,000 students enrolled, comprised of traditional and non-traditional students, and approximately 1,300 staff.

Industry

Higher Education

Avolin Solution

Verdiem Surveyor

Challenges

- Needed to reliably wake computers from sleep or powered off states to perform routine maintenance
- Administer power settings for varying computer setups

Key Benefits

- Maintenance is performed overnight with no impact to students or faculty
- Centralized administration of power settings for individual computers
- Lowered energy costs 29% annually
- Reduced greenhouse gas emissions by over 87,000 lbs/year

Chippewa Valley Technical College delivers innovative and applied education that supports the workforce needs of the region, improves the lives of students, and adds value to the communities they serve. CVTC offers associate degrees and technical diploma programs, as well as professional certifications and adult continuing education programs. In an average year, total student enrollment in degree programs is roughly 6,000 and 15,000 in continuing education courses.

Identifying the Need

The IT team is centralized in Eau Claire, and remote campuses are networked. Approximately two-thirds of the college's machines are lab computers. It was important for the team to be able to maintain the college's remote computers as efficiently as possible. The team needed to wake computers from sleep or powered off states for nightly maintenance windows. They were also looking to administer varying power settings for a wide range of computer setups, such as labs, kiosks, digital signage and timeclocks.

Realizing the Benefits

Verdiem Surveyor was selected and installed on 2,348 machines. Having Surveyor as a centralized resource allows the CVTC IT team to wake machines regardless of what time it is and where they are. Security patches are installed overnight, and maintenance is performed with no impact to students or faculty.

As a technical college, there are a wide range of programs needed to serve the student body. The CVTC IT team manages over 300 software applications. During the summer months, the IT team takes software requests from instructors for the upcoming school year, and then packages and deploys the applications to the necessary labs without having to touch each computer.

“Being able to wake a machine and deploy new versions outside of class hours is very beneficial,” said Geoff Koontz, Windows System Administrator.

By leveraging the Surveyor Connect Utility for SCCM that monitors for software deployments, only the necessary computers are targeted for wake instead of the entire fleet. This targeted approach saves money and energy. CVTC saves approximately 158,000 kWh annually, reducing energy costs 29% and reducing greenhouse gas emissions by 87,000 lbs per year.

Another area where Surveyor has impacted CVTC is with its kiosks and digital signage around the campuses. These monitors display upcoming events, important deadlines and employee of the month spotlights. Signage is also used in the culinary school and cosmetology salon to advertise menus and special offers. It is crucial that the computers attached to these monitors not go into sleep mode during the day.

Surveyor has made handling the various needs of these systems easy. The application’s core components of power management and enterprise wake are adaptable to customer’s unique use cases, which generate significant efficiency gains. Surveyor allows the CVTC IT team to create custom power policies and administer those policies from a centralized console. The necessary policies are built and applied seamlessly to the respective machines.

“Surveyor has been very helpful with the unique computer setups we have across our campuses. The ability to click and apply a power policy to any machine from a single console is ideal for our diverse environment,” Koontz said.

About Verdiem Surveyor

As a power management solution for PCs, Macs and Windows tablets, Verdiem Surveyor provides a unified approach for IT device data collection, policy management, administration, and analytics. Surveyor offers the most accurate approach to energy management and measurement and can reduce your IT energy costs up to 60 percent.

For more information about Verdiem and how you can start becoming more efficient, visit www.avolin.com.

The Avolin logo features the word "Avolin" in a bold, sans-serif font. The letter "A" is black, while the "v" is purple. The "o" is black, and the "l" is purple. The "i" is black, and the "n" is purple.

Avolin provides critical software solutions to enterprises around the world, specializing in Customer Relationship Management, Knowledge Management, IT Support and Supply Chain Management. Over 1,400 customers in more than 50 countries use our portfolio of solutions to help them provide outstanding customer service, keep their day-to-day operations running smoothly and make intelligent decisions based on relevant and real-time data. Our customers are at the center of everything we do and our singular goal is to deliver the right solutions for their industry-specific workflows helping to keep them at the forefront of their industries. For more information, visit www.avolin.com.