

Utah Valley State College Centralizes Management of its WLAN Infrastructure with the AirWave Management Platform™



Location:	Orem, UT
WLAN Size:	50+ access points
WLAN Hardware:	Avaya AP-3
AirWave Product:	AirWave Management Platform Professional Edition

WLAN Management Needs

Located in the Rocky Mountains, Utah Valley State College serves more than 23,000 students across four campuses and three off-campus Educational Centers. Needing to deliver cost-effective high-speed access, UVSC's IT department began installing a wireless LAN on the 185-acre main campus in Orem. The WLAN quickly grew to encompass more than 50 Avaya wireless access points in classrooms and public spaces. While students and faculty members were delighted to have wireless access across the campus, the IT staff soon discovered that managing a WLAN was very different than a traditional wired network.

According to UVSC LAN Manager Ryon Price, "Every time we added a new access point to the network, we had to configure it entirely by hand. Once we got them installed, we couldn't tell whether they were working properly or how they were being used. We knew we were eventually going to expand our wireless LAN to other campuses and facilities but there was no way we could support remote networks manually the way we were on the main campus."

AirWave Solution

After considering multiple solutions, UVSC selected the **AirWave Management Platform™ Professional Edition** software as its wireless network management solution. The primary reasons that the University chose the AirWave software were:

- ✓ **Auto-configuration** of new access points, eliminating time-consuming and error-prone manual configuration processes.
- ✓ **Centralized AP and firmware management** to ensure that all UVSC's Avaya APs can be managed via a web-based user interface.
- ✓ **Integrated reporting package** that enables the IT staff to monitor network performance and usage.
- ✓ **RADIUS-based MAC authentication** support, ensuring that all UVSC access points are directed to the appropriate RADIUS server for MAC-based authentication.
- ✓ **Scalability** to guarantee that the university's WLAN can be managed effectively as it expands to other campuses and remote educational centers.

"AMP was incredibly easy to install and use. We received the CD, installed the software, and were managing our campus-wide wireless LAN within just a few hours...It's great to have complete control of our wireless network from anywhere we have Internet access."

- Ryon Price
LAN Manager

Results

UVSC purchased the AirWave Management Platform software directly from AirWave and installed it on existing server hardware. In a matter of hours, the IT staff was able to configure the software and automatically discover all their existing APs. "Bringing our APs under management was incredibly easy," says UVSC's Ryon Price. "Now, with the AirWave Management Platform, when we want to add another AP to our network, it literally takes only a few seconds to configure. We have complete control over our wireless network."