

## Universidad Rey Juan Carlos Manages its 802.11 Wireless Network with the AirWave Management Platform™



<b>Location:</b>	Madrid, Spain
<b>WLAN Size:</b>	25 wireless APs, expanding rapidly to 200 APs
<b>WLAN Hardware:</b>	Enterasys Roamabout 2000 & R2 Cisco Aironet 1200
<b>AirWave Product:</b>	AirWave Management Platform Professional Edition

### WLAN Management Needs

Network administrators at the Universidad Rey Juan Carlos in Madrid know firsthand how difficult it can be to efficiently manage a rapidly growing wireless network. When the university was founded in 1996, it had only 295 students total. By the 2003/2004 academic year, the school had the most rapidly expanding infrastructure in Spain, with more than 15,000 students and 1000 professors on four separate campuses. So, when the university decided to install an 802.11 wireless network in classrooms and administrative buildings, network administrators knew they had to plan not just for a small initial network but for a campus-wide network with hundreds of wireless access points. "For us, scalability and centralized management are always critical," says Miguel Angel del Río, the university's Communication Manager. "We needed a wireless LAN management solution that would be affordable today but could also scale to manage a very large network in the future."

### AirWave Solution

After considering researching a number of potential solutions, Universidad Rey Juan Carlos selected the **AirWave Management Platform™ Professional Edition** wireless network management software from U.S.-based AirWave Wireless. The primary reasons that the University chose the AirWave software were:

- ✓ **Multi-vendor AP management**, providing network administrators with the ability to manage both their Enterasys Roamabout and Cisco Aironet APs from the same easy-to-use management console.
- ✓ **Centralized AP and firmware management**, enabling administrators to manage the wireless network infrastructure in any building, on any campus from a web-based user interface.
- ✓ **Scalability**, providing the ability to monitor and configure hundreds of wireless APs from a single server, enabling Universidad Rey Juan Carlos to expand its network without having to upgrade its management solution.
- ✓ **Real-time user monitoring**, giving network administrators detailed user histories and up-to-the-minute performance data on every user connected to the wireless LAN.

*"AMP gives us the flexibility to use hardware from any major equipment manufacturer, so we can always select the wireless APs that best fit our needs and budget. No other solution provided the same combination of rich management functionality and multi-vendor hardware support."*

*- Miguel Angel del Río*

### Results

Universidad Rey Juan Carlos licensed the AirWave Management Platform software through Telindus, an authorized AirWave system integrator. According to Miguel Angel del Río, the installation of the software was very simple: "Installing the AMP software in our Network Operations Center took less than an hour from start to finish. AMP has made a huge difference at the university, enabling us to manage the network efficiently from a central console. Network performance has also improved because we can always see how our network is performing and take corrective actions when necessary."