

APPLICATION NOTE

THE MOBILE ENTERPRISE

HIGHER EDUCATION

Student and Faculty Security

The challenge:

Even more critical than enabling network access is providing a safe school environment. Recent tragic events highlight the growing need for campus security for faculty and students. Video surveillance can significantly increase security when placed at school entry points and throughout the facility, perhaps even acting as a deterrent. While IP video cameras are inexpensive, the expense of laying cable throughout a facility as well as around the perimeter of a campus can forestall needed improvements in school safety.

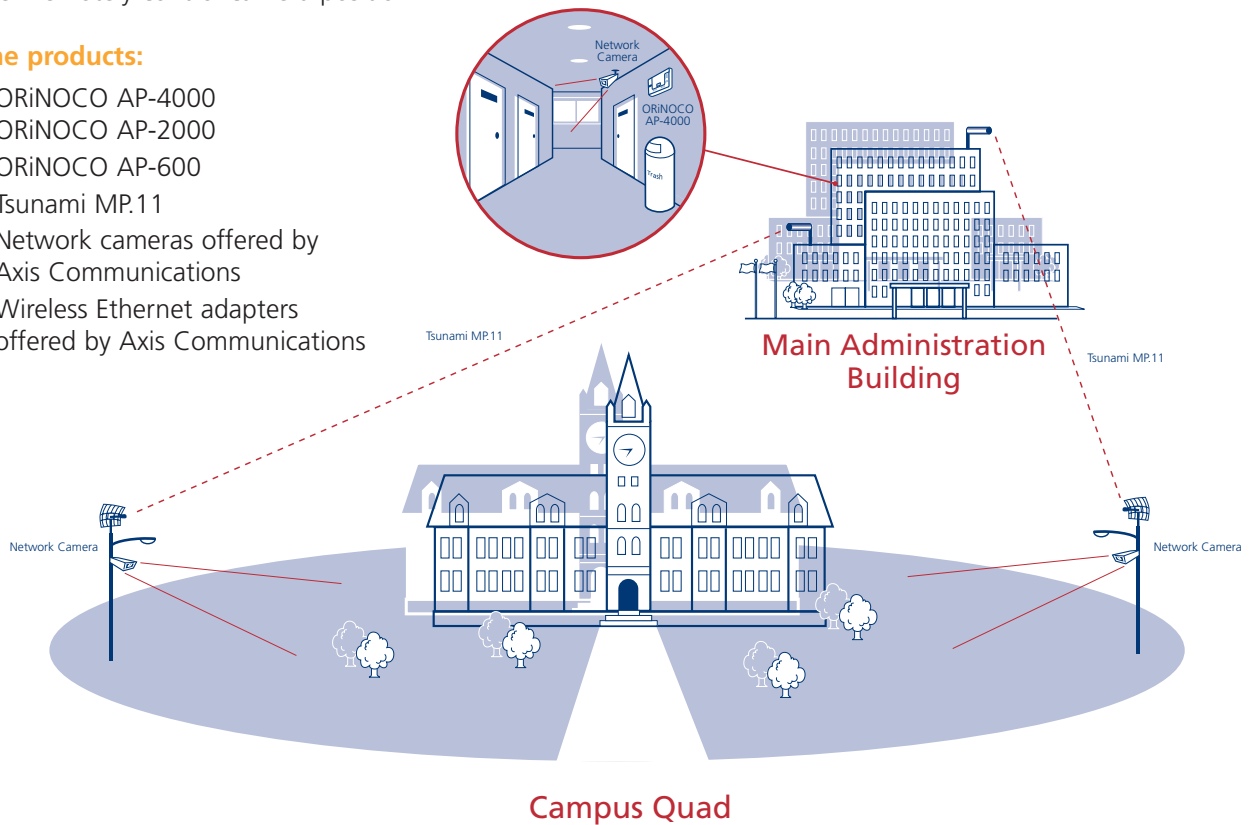
The solution:

Wireless LANs and wireless bridges eliminate the expense of extensive cable pulling. From the main administration building, wireless bridges provide connectivity to the campus perimeter. Network cameras with wireless Ethernet adapters placed on lampposts, school fences, or any other surveillance point transmit back to wireless access points. Inside the school, wireless access points provide a similar function, allowing cameras to be placed inside hallways, libraries and classrooms, with a wireless Ethernet adapter connecting the camera to the wireless access point. All video, indoors and outdoors, is brought back to a central point for monitoring and recording.

As an added benefit, campus security personnel who must also patrol the campus can do so without losing visual contact with all monitored locations. By using an inexpensive PDA, personnel can carry video feeds – and even remotely control camera position.

The products:

- ORiNOCO AP-4000
- ORiNOCO AP-2000
- ORiNOCO AP-600
- Tsunami MP.11
- Network cameras offered by Axis Communications
- Wireless Ethernet adapters offered by Axis Communications



Proxim Corporation
935 Stewart Drive
Sunnyvale, California 94085

tel: 800.229.1630
tel: 408.731.2700
www.proxim.com