

# APPLICATION NOTE

## THE MOBILE ENTERPRISE

### HIGHER EDUCATION

## Network Connectivity for Hard-to-Wire Classrooms, Dorms and Other Campus Buildings

### The challenge:

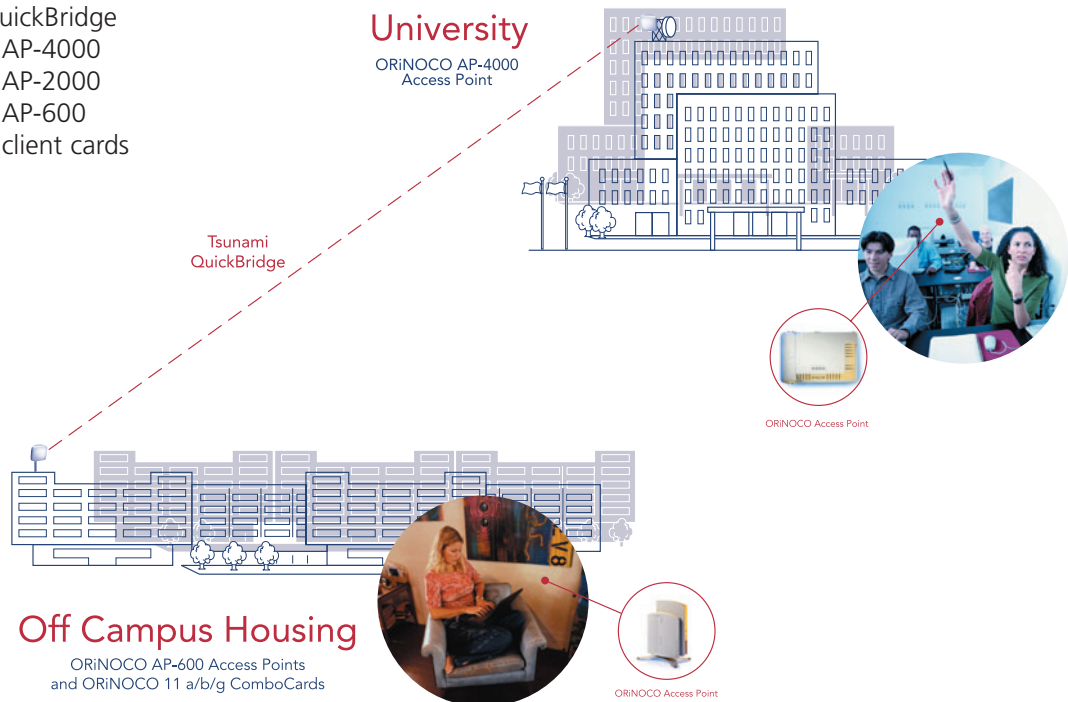
Many educational institutions were constructed decades ago, long before the advent of computers and the Internet. For these older facilities, historical value or safety concerns related to possible asbestos usage make cabling for Ethernet very difficult, if not impossible. Even where these are not concerns, trenching fiber and running Ethernet cabling to each library carrel, student dorm room or seat in an auditorium can make a network connectivity roll-out very slow and cost-prohibitive.

### The solution:

Wireless LAN access points and wireless bridges significantly simplify these problems. Because they are such a quick and cost-effective solution compared with fixed-line alternatives, the payback for wireless bridges between buildings comes typically in a matter of months. For network connectivity within the building, wireless LANs deliver broad coverage, without any obtrusive, expensive cabling. Students and faculty connect to the network via wireless-enabled laptops.

### The products:

- Tsunami MP.11
- Tsunami QuickBridge
- ORiNOCO AP-4000
- ORiNOCO AP-2000
- ORiNOCO AP-600
- ORiNOCO client cards



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