



Wireless Solutions for The Mobile Enterprise

# The Mobile Enterprise

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Today, organizations worldwide are enhancing the mobility and productivity of their professional staffs with Proxim wireless networking throughout their corporate facilities. Proxim's Wi-Fi and campus networking solutions provide unparalleled flexibility for fast-changing organizations – enabling them to easily redeploy or expand their workforce and facilities without the substantial delays and expense of installing cable or leasing lines.

Supporting voice and data, Proxim's ORiNOCO wireless LANs provide instant, effortless connections for desktops, laptops and handheld devices wherever working professionals need access to online information and applications – throughout corporate offices and production facilities, medical centers, universities and civic centers. Adding Proxim's Tsunami wireless Ethernet solutions, an end-to-end wireless network can be deployed in days – connecting buildings across your entire campus.

## Proxim Mobile Enterprise Solution Advantages:

- Extends your wired LAN for instant network access anywhere
- Significantly reduces costs of moves, adds and changes
- Converged voice and data network with support for Voice over Wireless LAN
- Campus networking solutions eliminate leased lines and install in hours

## Proactive Security Measures to Protect Your Network

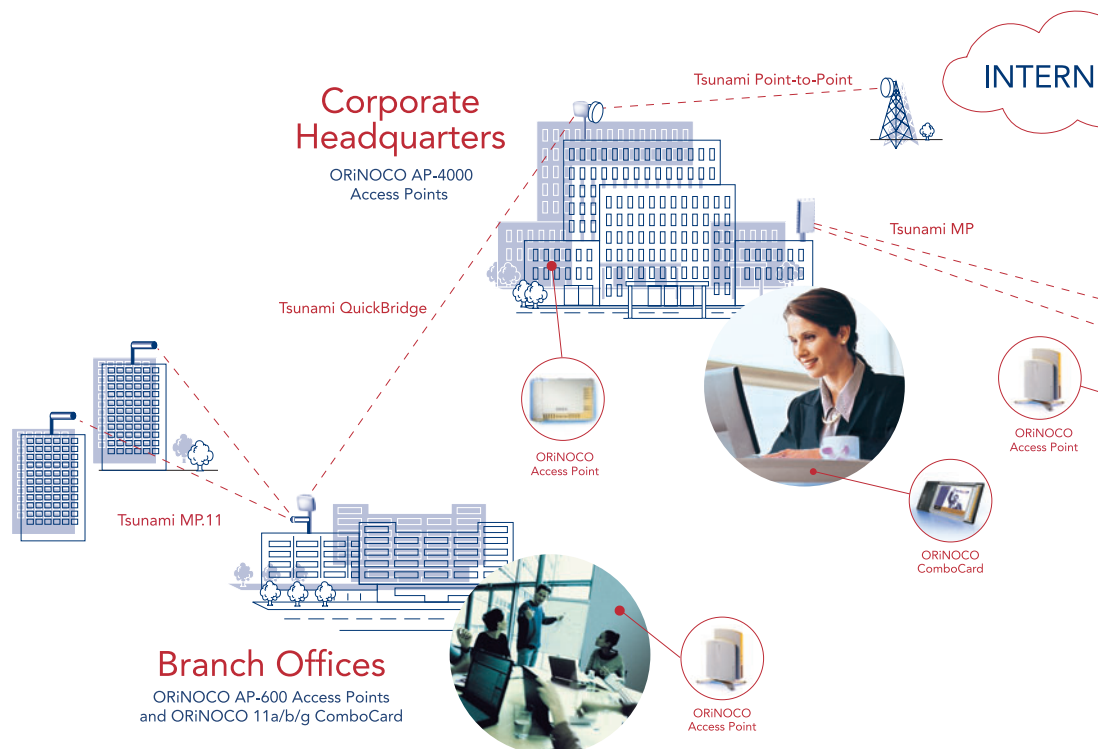
Proxim's ORiNOCO access points support multiple, industry-leading security measures – such as Wi-Fi Protected Access (WPA). In addition, ORiNOCO provides proactive security measures – including rogue access point detection and notification.

## Easy to Deploy and Manage

Ease of deployment and integration with the wired network are critical factors in a successful, profitable wireless LAN rollout. ORiNOCO access points excel with key capabilities that simplify deployment. An upgradeable design – together with powerful features such as automatic channel selection, adjustable transmit power, built-in repeating capability, remote management capability and administrative tools – simplify installation and maintenance. And compared to leased lines, Proxim's Tsunami broadband wireless systems are up and running in a fraction of the time: days instead of months.

## Reliable by Design

With over 20 years of experience in the design and manufacture of wireless network equipment, Proxim understands that service providers and enterprises require the same uptime and reliability in a wireless network as in a wired network.





## Mobile Enterprise Growth

Gartner Group predicts that in 2004, 50 percent of laptop computers will be wireless-enabled. By 2005, Gartner predicts that number will grow to a staggering 80 percent. With so many computers now wireless-ready, and no intervention required by the user or IT manager, it's clear that wireless networks will be the dominant choice for network access. Much of this market growth is within the enterprise, in the form of Wi-Fi computer access and new Voice over Wireless LAN growth. Deutsche Bank predicts the market to move from \$800 million in 2003 to \$1.8 billion in 2007 in enterprise Wi-Fi growth alone.

ORiNOCO access points offer robust features for enterprises and public access – compared to consumer-grade access points. And Tsunami point-to-point and point-to-multipoint broadband wireless systems are designed with carrier-class reliability and security.

### Eliminate Leased-Line Recurring Costs

Providing campus connectivity between buildings is an ideal use of wireless technology. Broadband wireless systems are installed within hours and have enough capacity to replace multiple T1/E1 lines. The cost of wireless equipment and installation has an average payback of 12-18 months compared to leased line equipment and its associated recurring costs. With wireless, enterprises save thousands of dollars in monthly fees, eliminate third-party contracts and gain full control over their connectivity.

### Applications:

#### Corporate enterprise networks:

- Building-to-Building Campus Connectivity
- Mobile User Productivity
- Hotelling
- Network Redundancy and Disaster Recovery

#### Education/K-12:

- Classroom Internet Connectivity
- Increased Student and Faculty Safety with Phone Service Across Campus

#### Education/University:

- Connecting a Satellite Facility to the Main Campus
- Mobile Internet Connectivity
- Student and Faculty Security

#### Healthcare:

- Real-time Patient Charting
- Safer Medication Delivery
- On-Demand Communication

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### Branch Office

ORiNOCO AP-600 Access Points  
and ORiNOCO 11a/b/g ComboCard

## What customers are saying...

### Baptist Hospital

"[Now we] have instant wireless access to admission data, radiology and laboratory results...This has improved our productivity and allowed us to deliver better patient care."

Rick Simpson,  
Senior System Specialist

### University of Tennessee

"The architecture is simple: one main-campus subnet...and multiple smaller subnets for buildings off campus...We saved a lot of money..."

Philippe Hanset,  
Wireless Network Manager

# Proxim's Mobile Enterprise Solution Components

## About Proxim

Proxim Corporation is a global leader in wireless networking equipment for Wi-Fi and broadband wireless networks. The company provides its enterprise and service provider customers with wireless solutions for the mobile enterprise, public hot spots, security and surveillance, last mile access, metropolitan area networks and voice and data backhaul.

"Mobile Enterprises" come in every imaginable variation: school districts, mega-corporations, hospitals, banks and everything in between. Proxim has the widest array of wireless equipment to meet individual needs. Solutions are comprised of ORiNOCO Wi-Fi LAN equipment and Tsunami broadband wireless systems to supply bandwidth to and between LANs. Only Proxim offers a wide enough array of capacity, capability and cost to properly mobilize organizations of all shapes and sizes.

## Proxim's ORiNOCO Wi-Fi Access Points

	AP-600b/g Access Point	AP-2000 Access Point	AP-4000 Access Point
Description	Enterprise-class access point with either 802.11a, 802.11b or 802.11b/g mode operation	Enterprise-class access point with optional tri-mode (simultaneous 802.11a/b/g) operation	Enterprise-class access point with pre-configured tri-mode (simultaneous 802.11a/b/g) operation
Positioning	Entry-level unit for enterprises without a high degree of client diversity	For enterprises that require dual 2.4 GHz support for high-density client environments	For comprehensive 2.4 and 5 GHz rogue AP detection and automatic support of all Wi-Fi client types delivering scalability for evolving networks

## Proxim's Tsunami Broadband Wireless Solutions

	Tsunami QuickBridge	Tsunami Point-to-Point	Tsunami MR.11	Tsunami MP
Description	Wireless Ethernet solution with superior price performance and capacity of 11-60 Mbps	Wireless Ethernet bridges with carrier-class reliability and capacity of 20-860 Mbps	Economical multipoint system offering 11-54 Mbps capacity	High-bandwidth multipoint system offering 20-60 Mbps
Positioning	For enterprises requiring quick campus-wide connectivity	For enterprises demanding the highest reliability wireless links across campus, or across town.	For connecting multiple buildings to a central site or Internet connection	For enterprise data and Voice over IP applications

## Proxim's ORiNOCO Wireless Client Adapters

From economical single standard PC cards to highly flexible 802.11a/b/g ComboCards, ORiNOCO offers a wide range of Wi-Fi certified PC cards, PCI cards and USB adapters.

For more information on Proxim's mobile enterprise solutions, go to [www.proxim.com/solutions/mobile](http://www.proxim.com/solutions/mobile)



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