

A photograph of a man in a light blue button-down shirt sitting at a desk. He has his arms raised behind his head and is smiling. In the background, other office workers are visible, and there is a computer keyboard on the desk in the foreground.

HOMELAND SECURITY & SURVEILLANCE

OVERVIEW

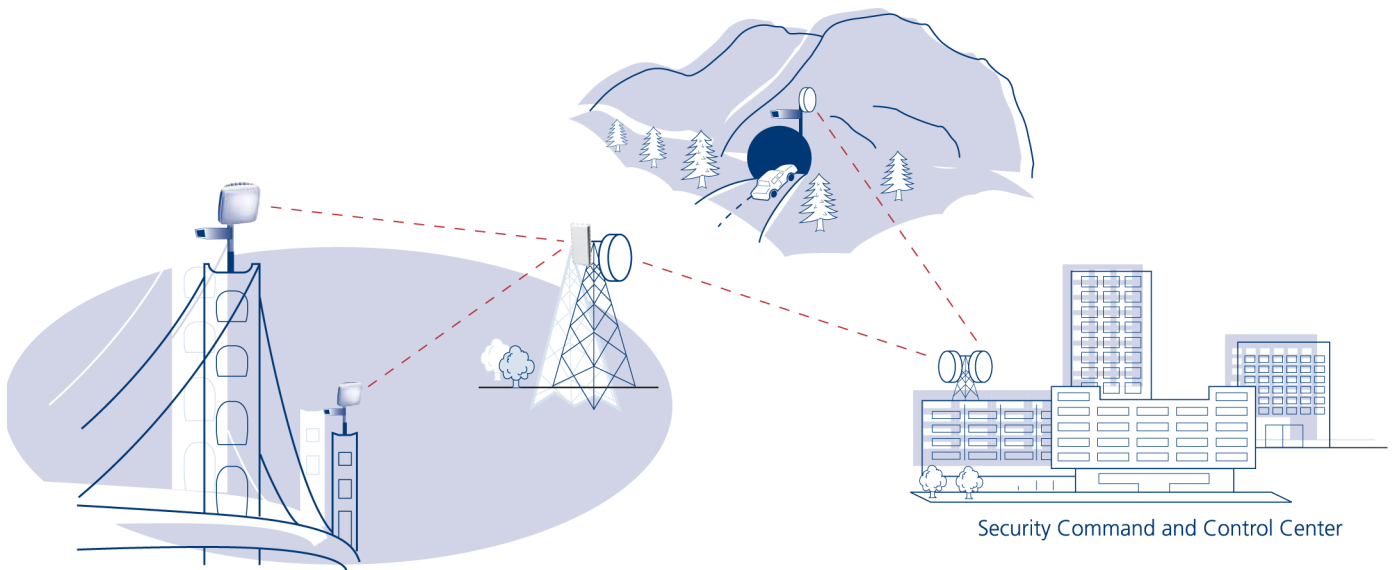
Enhancing security has become a major initiative for every type of organization worldwide –from general retail stores to secret military installations. When it comes to offering protection outdoors, however, organizations are faced with major costs and installation nightmares. That's why some of the most security-sensitive organizations have started turning to Proxim's fixed wireless networks for reliable, affordable surveillance that can secure the toughest outdoor environments.

Affordable, rapid deployment is simple

Whether you're concerned with providing security to students on a university campus or safeguarding a national waterway, the challenge is the same: how to connect surveillance cameras in places where running wires is either cost-prohibitive or impossible. Proxim's wireless Ethernet systems provide a simple solution.

Modern security and surveillance video cameras can convert images into Internet protocol (IP) packets that can be easily transmitted using Proxim's Tsunami QB-8100, GX800 and MP-8100 series. Cameras at multiple locations are simply connected to MP-8100 Subscriber Units, which can send the data back to a Base Station located at an organization's security command and control center. If needed, Tsunami QB-8100, GX800 devices can be used to connect to a remote site under surveillance up to 40 miles away from the center. The high-resolution video collected from all the locations can then be downloaded to a large viewing screen at the command and control center.

Proxim's wireless solutions install in hours and provide unparalleled flexibility. Because the security network is wireless, the cameras are not permanently fixed in one location. If necessary, the camera and subscriber units can be moved to a new location at a moment's notice and reconnected within minutes. With wireless security, users no longer need to spend a bundle on wiring. Even when fiber is possible to deploy, it often costs three to five times more than Proxim's wireless systems. Just a few miles of trenching can cost hundreds of thousands of dollars.



Reliable, high-speed networks ensure non-stop security

Tsunami users need not worry about dropped packets that could interrupt surveillance. With 99.999% carrier class reliability, Tsunami ensures the continuous transmission of real-time images. Designed to perform in harsh outdoor environments, the systems are virtually weatherproof.

Central to Tsunami's powerful capabilities is the bandwidth required to transfer high-resolution video. The Tsunami family has a range of solutions suited to the needs of different types of networks. With up to 300Mbps capacity, Tsunami MP-8100 is ideal for applications such as shopping mall surveillance. Organizations requiring more robust security capabilities – such as enterprises and military bases – can choose among Tsunami QB-8100, GX800 and MP-8100 products. Tsunami QB-8100, GX800 can transmit from 300 to 620Mbps and up to 40 miles, while the Tsunami MP-8100 provides speeds up to 300Mbps and can be located up to 12 miles away.

Improved security is now a reality for everyone

With Proxim, security systems can now be made readily available to organizations that never thought of installing surveillance due to cost limitations. There are a large number of applications for outdoor security, and for many organizations, this security is an important level of service they can now provide.

Enterprises

Provide perimeter security for your buildings; monitor inventory on warehouse loading docks.

University Campuses

Monitor walkways for student protection.

K-12 Schools

Protect children from intruders.

Government

Deploy anti-terrorist surveillance systems for national security including protection of waterways and reservoirs.

Transportation

Secure dams, bridges, highways and tunnels.

Military

Enhance security around military installations.

Shopping Malls

Provide customer security in parking lots.

Municipalities

Monitor traffic intersections for illegal activities and public safety; secure city parks, and municipal buildings such as town halls.

Application	Proxim Wireless Solution	Capacity
Enterprises; military installations; government; transportation; municipalities	Tsunami QB-8100, GX800	300 to 620 Mbps
	Tsunami MP-8100	Up to 300Mbps
Shopping malls; university campuses; K-12	Tsunami MP-8100	Up to 300Mbps

Proxim® and Tsunami® are registered trademarks of Proxim® Wireless Corporation in the US Patent and Trademark Office. All other products or services are the property of their registered owners.

©2011 All rights reserved. Proxim Wireless Corporation.



Proxim Wireless Corporation
1561 Buckeye Drive, Milpitas
CA 95035, USA