Enabling Wireless HD Video Surveillance

proxim®
wireless
Performance Matters. Proxim Delivers.®

Why is Proxim the Right Choice for your
Video Surveillance Network?

WORP® QoS

As radio frequency conditions change, and other traffic on the network places demands on bandwidth, WORP® guarantees the video streams will receive the treatment they need.
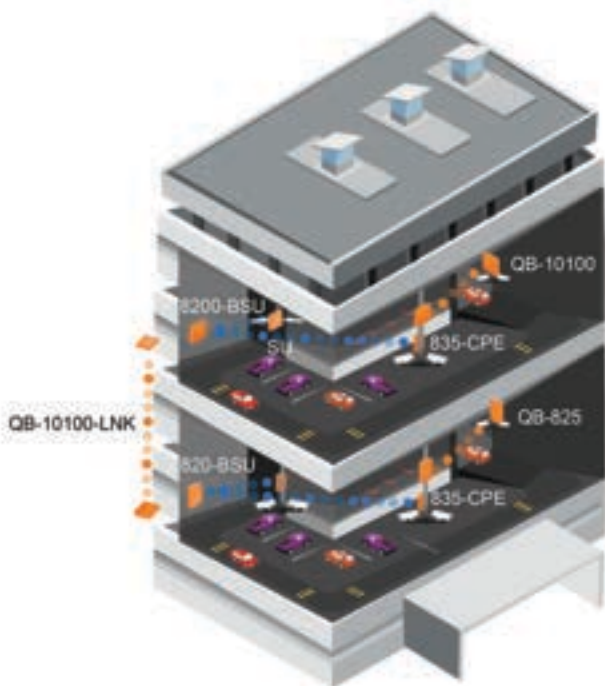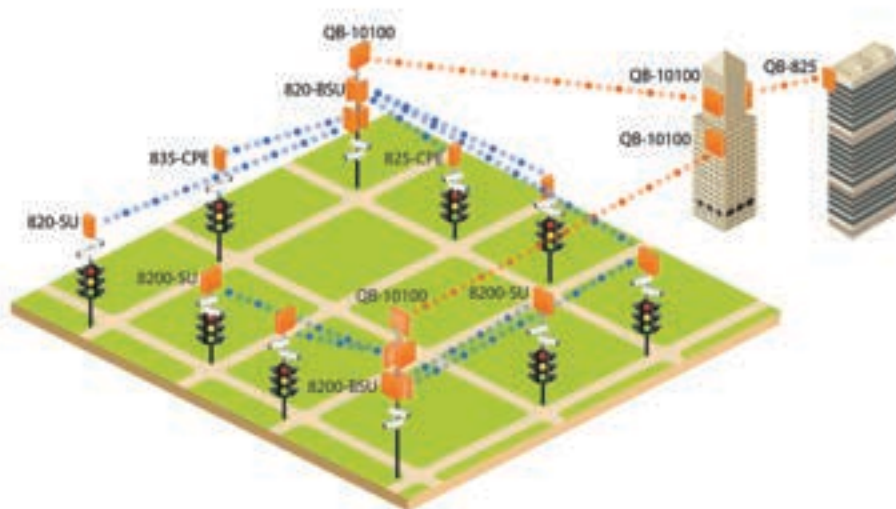
High Speed Mobility

All Tsunami® products support high speed mobility as part of the basic feature set. FastConnect establishes unparalleled handoff times and guarantees broadband connectivity to vehicles and vessels in motion even at speeds of up to 285 km/h (196 mph).

Proxim ClearConnect™

Robust suite of interference mitigation technologies allows Tsunami® radios to perform even in the most RF hostile conditions where other standard wireless technologies simply fail to perform. It offers a host of adaptive features including Dynamic Channel Selection, Satellite Density, Beam Steering and many more to ensure high spectrum efficiency with minimal error rates.

Engineered for Extremes

Tsunami® enclosures are approved after stringent screening involving Vehicular movement Transport Vibration (ISTA-2A), Drop, Shock, Salt Spray, Thermal, and Reliability tests. Additionally, the enclosures are IP 67 Grade that ensures complete protection from any kind of dust and has been tested under water at 1 meter depth. The typical operating temperature of Tsunami® radios ranges from -40° C to 55° C.

Deployments and Applications

City Wide Surveillance

Wireless provides rapid deployment with no expensive trenching or, cabling and implementation cost equivalent to 1/10th of a wireline based surveillance network. Proxim's wireless solutions prove to be an ideal choice for an city- wide surveillance network. Powered with Proxim CleanConnect™ and WORP® technology, Proxim's solutions enable high resolution, real-time video from security cameras to the surveillance centers.

Parking Garage

By utilizing a combination of Proxim's wireless LAN, backhaul and multi-point solutions today's parking facilities can experience high resolution surveillance networks with superior scalability at costs far less than wired solutions.

Airport Surveillance

Enforced with multiple levels of redundancy, Proxim Wireless solutions connect departments and offices within an airport in a scalable, robust network with superior uptimes/availability of 99.999%. In addition Proxim's solutions provide internet access with mobility to passengers, thereby increasing the overall experience of an airport.

Rail Yard Surveillance

Proxim Wireless Solutions, with its point to point and multipoint solutions, allow a variety of cameras ranging from high definition, wireless IP surveillance to standard definition cameras to be bound into congestion-free surveillance networks. With Proxim's robust and reliable radios, rail yards can now be placed under a virtually ubiquitous "watch", round the clock with low capital and operational costs.