Proxim Video Surveillance Solutions

Institutions of all kinds - governments, shopping centers, schools, ports, military bases etc are facing immense challenges that encompass not just installing video surveillance cameras in areas that are too remote but also include the need for real-time data access to the mobile responder teams such as fire departments, law enforcement agencies and emergency medical services.

Advantages
- Eliminates the massive costs and delays of trenching for fiber
- Quickly deployed and configured - operational within hours
- High capacity, configurable and secure broadband wireless for guaranteed QoS

Applications
- City governments - Monitor for illegal activities and public safety
- Enterprises - Provide perimeter security for buildings, monitor inventory on warehouse loading docks and much more
- Streaming video, voice and data to emergency vehicles - even when mobile

www.proxim.com
Rail Yard Surveillance
Proxim Wireless Solutions, with its 4G plus 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.

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.
City Wide Surveillance

With no expensive trenching, cabling and implementation cost equivalent to 1/10th of a wire based surveillance network. Proxim’s wireless solutions prove to be an ideal choice for an exclusively private, city-wide surveillance network. Powered with MIMO and proprietary WORP™ technology, Proxim’s solutions enable high resolution, real-time video from security cameras to be transmitted to the surveillance centers where various activities and infrastructure of your city can be monitored.

Airport Surveillance

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

Proxim video surveillance solutions provide the following advantages:

- Secure wireless transmission thanks to AES 128 encryption and the legendary WORP® protocol
- Asymmetric bandwidth management and IGMP snooping ideal for video backhaul
- A license free solution that can be programmed to either 5.4Ghz or 5.8Ghz, ideal for the European environment
- Uses the latest MIMO technology
- High end QoS designed to WiMAX specifications
- Low latency, 3/5ms, ideal for voice and real time video transfer
- Secure management : Web (SSL), Telnet (SSH) and SNMP (v3)
- VLAN capability for enhanced traffic control
- Built in iPerf tool for throughput measurement
- IPv4 and IPv6 included for future network evolution
- High speed roaming upto 295Km/h (185Mph)
- BSU redundancy and dynamic channel selection to ensure continuity of services whatever the conditions

Standard Solutions vs WORP®

Collisions and retransmission cause adverse effects on usable bandwidth

Dynamic optimization of data rate ensures superior performance and throughput