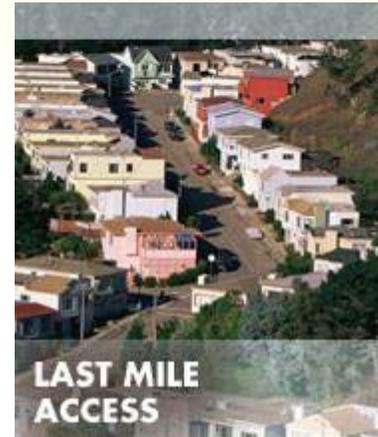


Proxim Wireless Corporation

Products for Military and Government Markets



- Proxim provides Wi-Fi, WiMAX, Point-to-Multipoint and Wireless Backhaul technologies for a complete wireless broadband ecosystem
- Our wireless solutions enable Governments, Service Providers and Enterprises to deploy fixed and mobile security and video surveillance, indoor and outdoor Wi-Fi, business and residential internet access and cell tower backhaul
- Proxim pioneered WLAN chipsets, mesh routing, carrier class PtP radio's, wireless switches, LAN mobility; Proxim/Metricom/YDI + Western Multiplex/Terabeam/Telaxis
- Over 20 years in business with revenues exceeding \$275 Million in the last 5 years
- 250,000 customers - 2 million units in the field
- Deployments across Americas, Europe, Middle East, Africa and Asia Pacific – 65 countries worldwide
- 135 US Patents



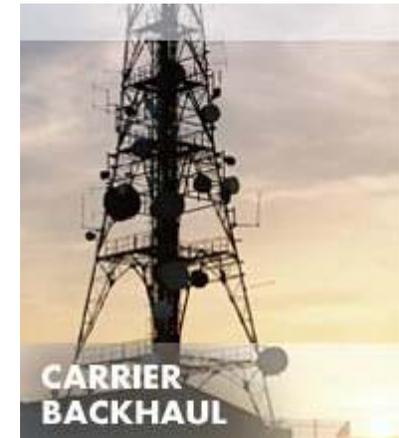
Wi-Fi/Mesh/WiMAX



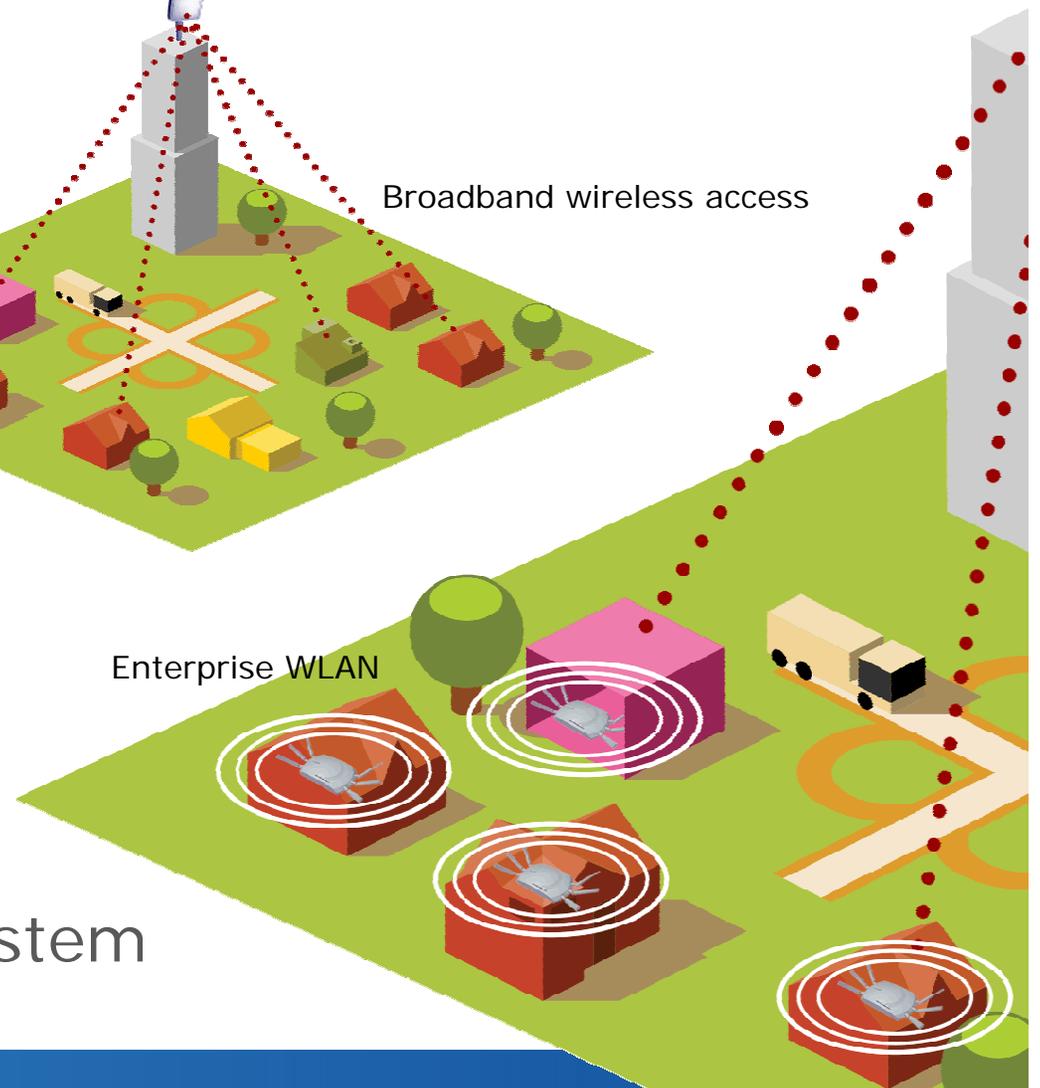
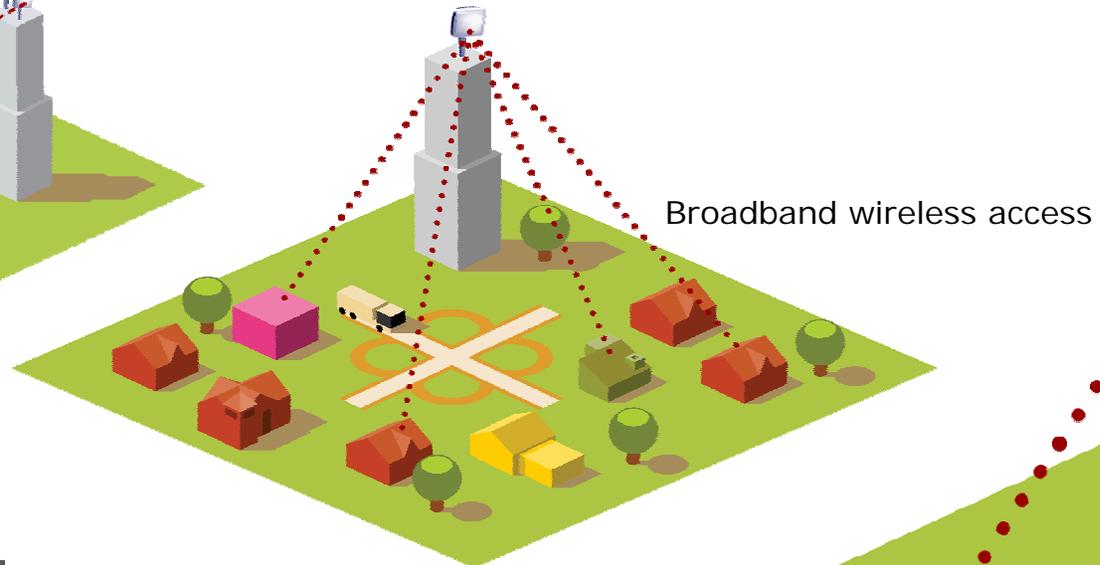
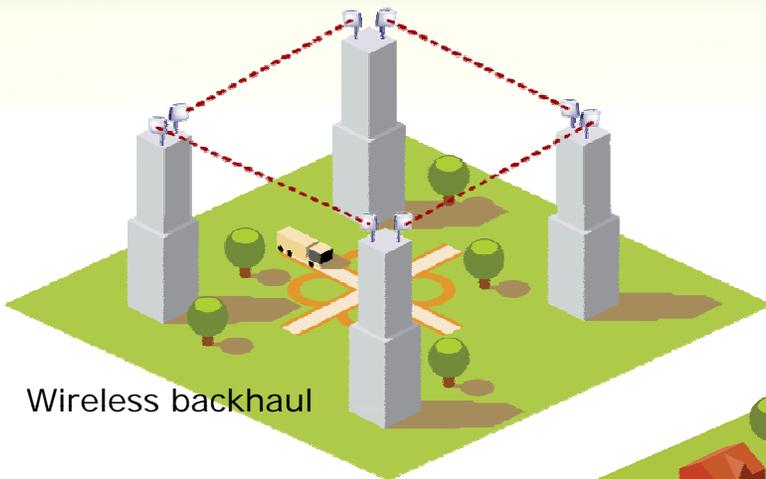
Mesh/WiMAX



Wi-Fi/Mesh/WiMAX



Point to Point



- Wireless backhaul
- Broadband wireless access
- Enterprise WLAN

Complete Wireless Ecosystem

Backhaul



QB-8100 Series

Tsunami.GX and Lynx.GX



Gigalink

BWA



MP-8100 Series

Tsunami MP.11 Indoor



Tsunami MP.11 5012



Tsunami MP.11 Outdoor



WLAN/Wi-Fi MESH



ORiNOCO AP-8000

ORiNOCO AP-4000/700



Outdoor Access Points



ORiNOCO 802.11 a/b/g/n Client Cards



ProximVision Unified Network Management

Supports **BOTH** Fixed and Mobile Applications

Mobile

Mobile Military Applications

- UAV, Tanks, Helicopter, Humvees, Backpacks

Mobile Public Safety Applications

- Police, Fire, SWAT, Trains, Ferries, Automobiles

Fixed

Military

- Base Security, Battlefield portable radios

Public Safety

- Video Surveillance, Emergency Response



Frequencies Supported

- 1.8 GHz Federal Government
- 4.4 – 4.95 GHz NATO Band
- 2.4 and 5.0 – 6.08 GHz Unlicensed
- 4.95 – 4.99 GHz Public Safety



- **Flexible Form-Factors** – Support for wearable, mobile and stationary form factors are available.
- **Military-Grade Security** – Military-grade encrypted signaling with AES-256 bit (FIPS 140-2 Level 2 Certified)
- **Frequency Supported** - Support for 1.8, 4.4 GHz (U.S. Federal and NATO licensed) and 2.4, 5.1 – 5.9 GHz (unlicensed bands) with 5, 10 and 20 MHz channel bandwidth
- **HDWireless** – Enhanced video support and prioritization
- **FastConnect** – Vehicles can travel up to 120 mph and still maintain communications
- **Flexible Channel Width** – 20MHz, 10MHz and 5MHz channel bandwidths are available to accommodate limited frequency spectrum and wider deployment possibilities
- **Long Distance** – High-Power radio options with 27 dBm transmit power providing long range connections up to 20 miles
- **Throughput** – 20 - 25 Mbps throughput
- **QoS** - Leveraging Proxim's WOPR protocol enables robust asymmetrical bandwidth control and fine tune packet filtering (512 service class combinations)



Installed Based Over 200,000

Federal Frequencies - Support for 1.8, 4.4 GHz (U.S. Federal and NATO licensed) and 2.4, 5.1 – 5.9 GHz (unlicensed bands) with 5, 10 and 20 MHz channel bandwidth

Military-Grade Security – Military-grade encrypted signaling with AES-256 bit (FIPS 140-2 Level 2 Certified)

Long Distance – High-Power radio options with 27 dBm transmit power providing long range connections up to 20 miles

FastConnect – Vehicles can travel up to 120 mph and still maintain communications

Throughput – 20 - 25 Mbps throughput

QoS - Leveraging Proxim's WOPR protocol enables robust bandwidth control and fine tune packet filtering

Secure Management – with SSH, HTTPS and SNMPv3



Military Supported Frequencies – 4.4 – 5.0 GHz and 5.2 – 5.8 GHz are available with 5, 10 and 20MHz channel bandwidths

Military-Grade Security – Military-grade encrypted signaling with AES-256 bit (FIPS 140-2 Level 2 Certified)

Long Distance – High-Power radio options with 27 dBm transmit power providing long range connections up to 20 miles

Throughput – 20 - 25 Mbps throughput

QoS - Leveraging Proxim's WOPR protocol enables robust bandwidth control and fine tune packet filtering

Secure Management – with SSH, HTTPS and SNMPv3



MP.11 HS Base Station /
Subscriber Unit
(245054_RC-BSU-G)



4.4 Frequency
Converter
(5044-CA)

- **Wearable** – Small (76 mm x 102 mm) and light (69 grams)
- **Security** – FIPS 140-2 Level 2 Compliant, AES-256 Support
- **Long Distance** – Standard or High-Power Radio options provide long range up to 20 miles
- **FastConnect** – Vehicles can travel up to 120 mph and still maintain communications
- **Throughput** – 20 - 25 Mbps throughput
- **QoS** - Leveraging Proxim’s WORP protocol enables robust bandwidth control and fine tune packet filtering
- **Wireless Connectivity Options** - Subscriber Units will work with all Tsunami Base Stations
- **Wide Temperature Support** – 0°C to 55°C
- **Format** – Base Station and Subscriber Unit versions
- **Power Options** – 5 to 12V DC, No PoE Support
- **Availability** - Now



HQ Base Camp



MP.11 HS base station communicating with remote deployments through military-grade encrypted wireless links (AES-256)

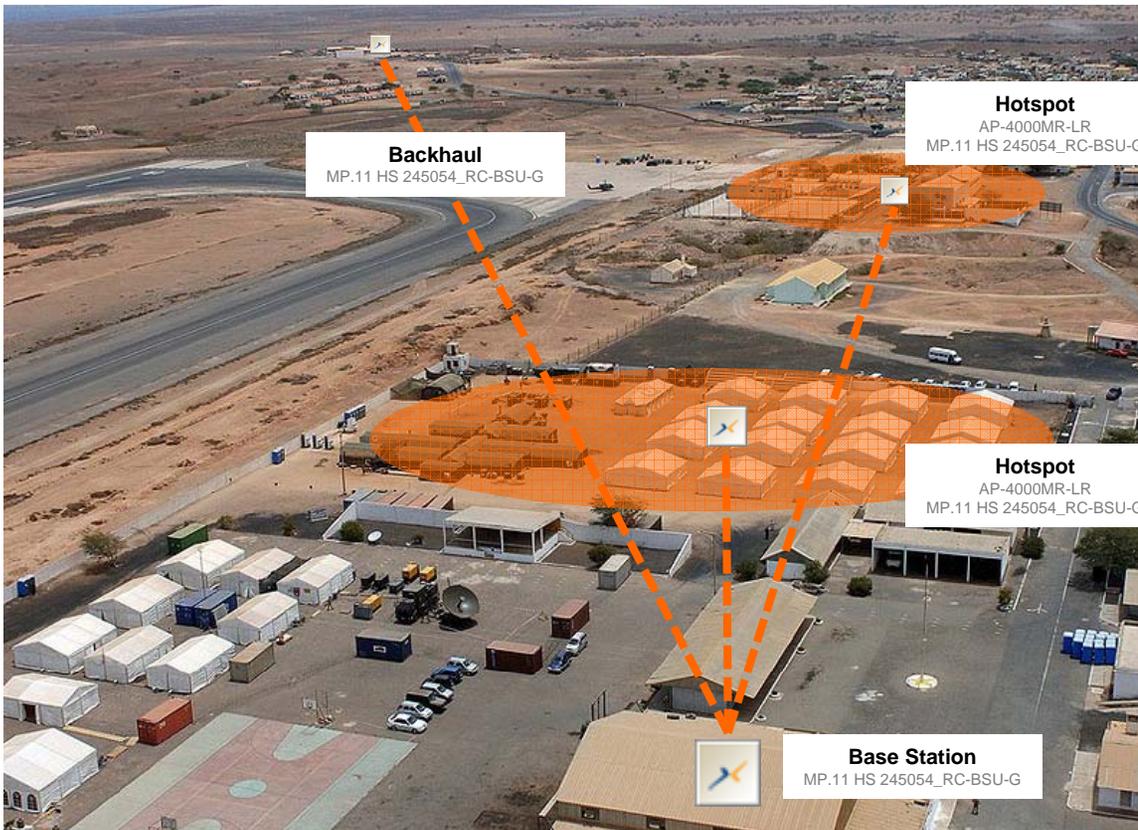


Backhaul / Hotspot

MP.11 HS base stations communicating with subscriber units for backhaul and hotspot connectivity

Perimeter Security

MP.11 HS base stations communicating with subscriber units connected to security cameras around the border of the camp



Products



Base Station / Subscriber Unit / Backhaul - MP.11 HS Series

- 245054_RC-BSU-G (4454-BSUR)



4.4 GHz Frequency Converter

- 5044-CA



Hotspot - AP4000 Series

- AP-4000MR-LR (Mesh, High Power)
- AP-4000MR (Mesh)
- AP-4000M
- AP-4000 (Indoor)

HQ Base Camp

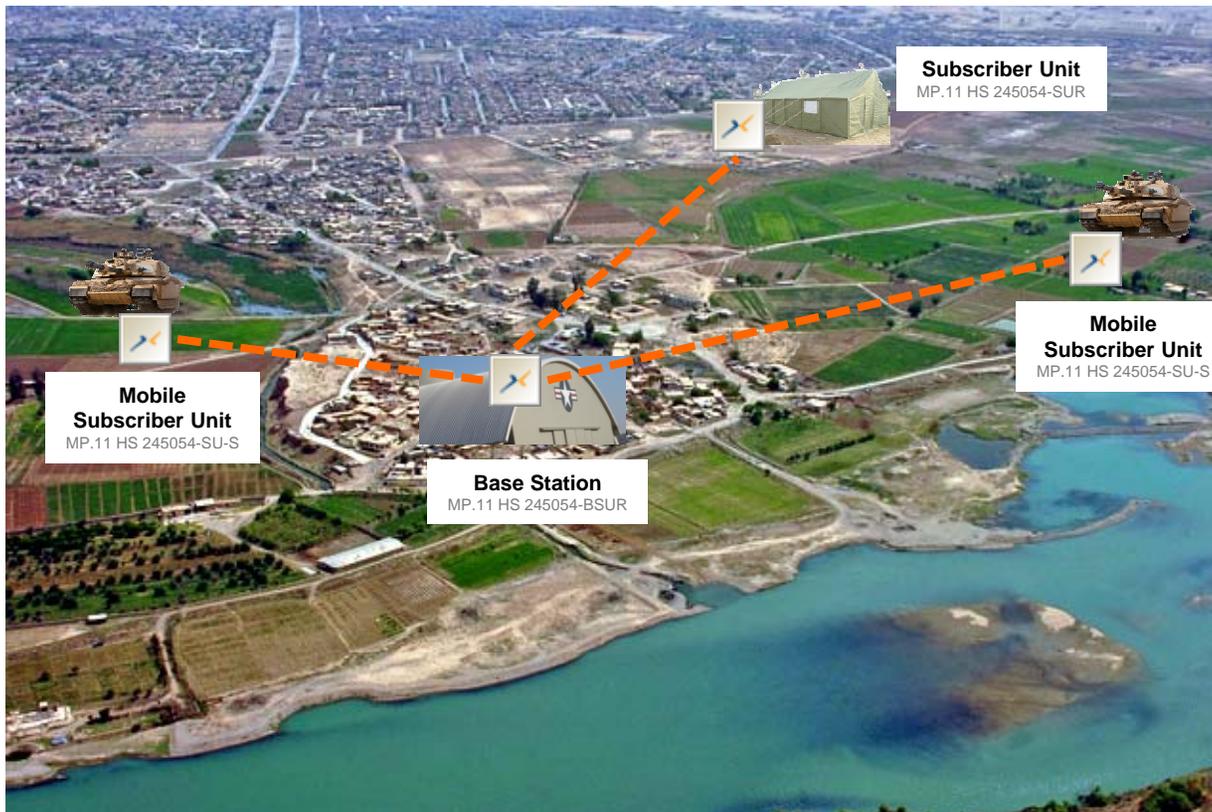


MP.11 HS Base Station communicating with remote deployments through military-grade encrypted wireless links (AES-256)



Mobile Deployments

MP.11 HS Subscriber Units communicating back to base camp



Products



Base Station / Subscriber Unit - MP.11 HS (1.8, 2.4, 5.1 – 6.08 GHz)

- 245054-BSUR
- 245054-SUR
- 245054-SUA



Mobile Base Station / Subscriber Unit - MP.11 HS (1.8, 2.4, 5.1 – 6.08 GHz)

- 245054-BSU-S
- 245054-SU-S



Subscriber Unit
Tsunami Mini



Location Tracking (Roadmap)



Transmits location information for real-time coordinates and asset tracking

Wearable / Mobile

Tsunami Mini - Small (76 x 102 mm) and light (69 grams)

MP.11 HS Mobile Unit (245054-SU-S) – Small (235 x 215 x 85 mm) and light (0.71kg)

FastConnect

Vehicles can travel up to 120 mph and still maintain communications



Mobile Subscriber Unit
MP.11 HS 245054-SU-S



Network Management
ProximVision ES

HQ Base Camp

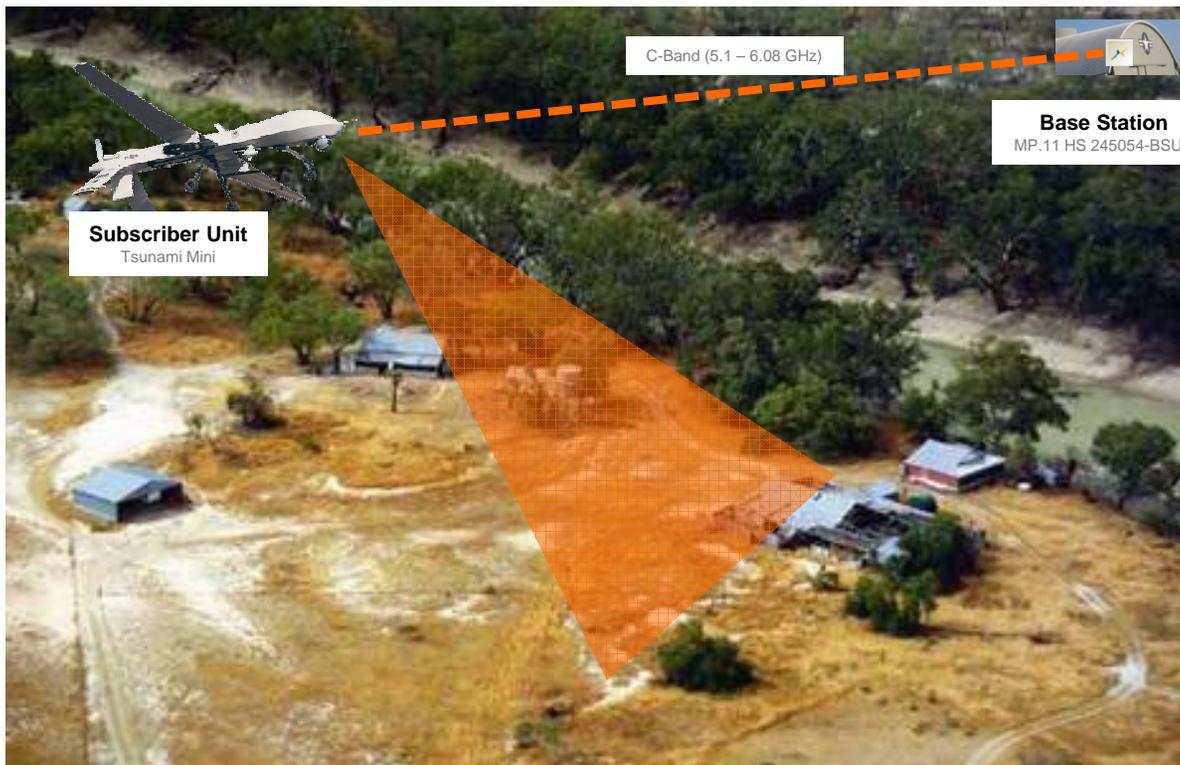


MP.11 HS Base Station communicating with UAVs using FastConnect and HDWireless technology through military-grade encrypted wireless links (AES-256)



Mobile Deployments

Tsunami Mini Subscriber Units, the size of a deck of cards, can be embedded into mobile vehicles



Products



Base Station / Subscriber Unit - MP.11 HS (1.8, 2.4, 5.1 - 6.08 GHz)

- 245054-BSUR
- 245054-SUR
- 245054-SUA



Mobile Embedded Base Station / Subscriber Unit - MP.11 HS (2.4, 5.1 - 6.08 GHz)

- Tsunami Mini -BSU
- Tsunami Mini-SU



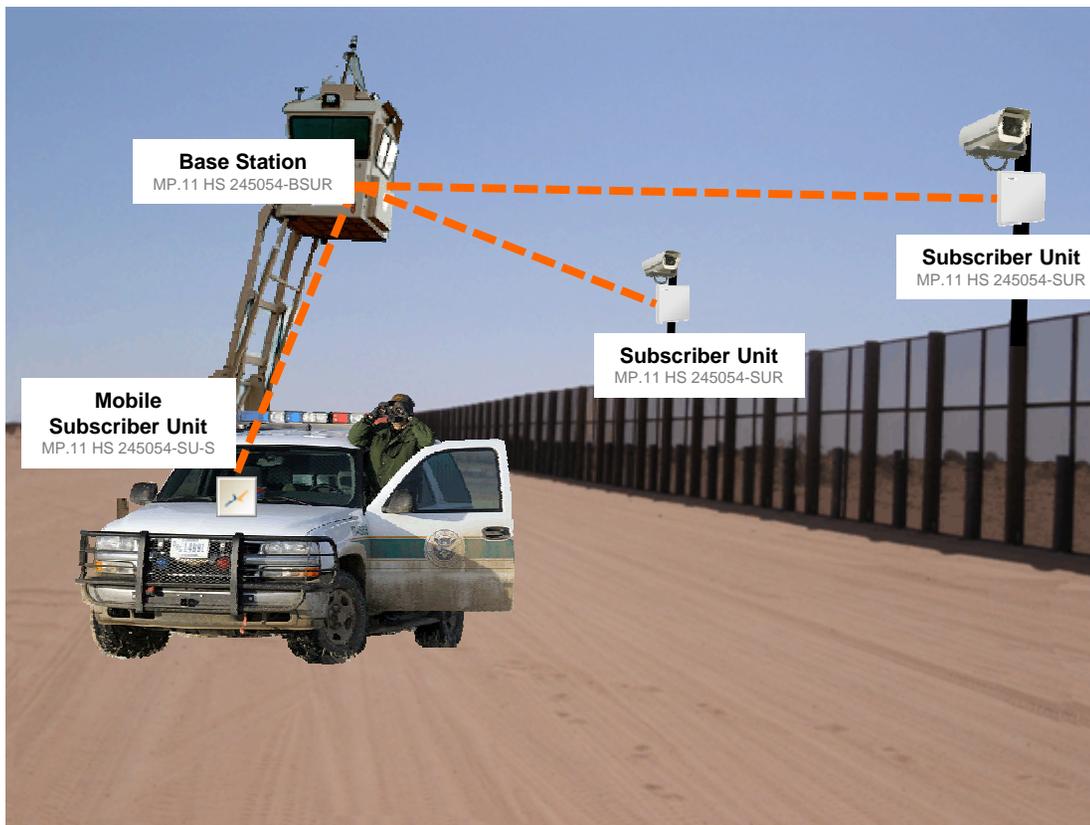
Border Patrol Tower

MP.11 HS Base Station connected to video surveillance cameras and mobile subscriber units in vehicles to aid in enhancing border security



Video Surveillance

MP.11 HS Subscriber Units linked to video cameras to wirelessly transmit real-time video feeds back to command center



Products



MP.11 HS Base Stations / Subscriber Units (1.8, 2.4, 5.1 – 6.08 GHz)

- 245054-BSUR
- 245054-SUR
- 245054-SUA



MP.11 HS Mobile Base Stations / Subscriber Units (1.8, 2.4, 5.1 – 6.08 GHz)

- 245054-BSU-S
- 245054-SU-S

NORTHROP GRUMMAN

 ***BOEING***

**GENERAL
DYNAMICS**

 **communications**

LOCKHEED MARTIN

SAIC
From Science to Solutions



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