

PRISM PTT+

LMR/LTE communications solution with satellite failover

COBHAM

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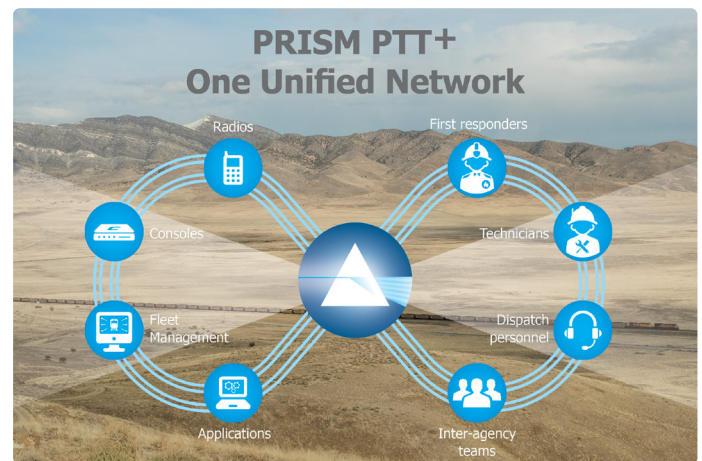
Hybrid solution for vital communications

- User-friendly solution turning Radio (LMR/DMR), Cellular (3G/LTE) and Satellite (BGAN) into **one resilient IP based communication network**
- Integrates existing in-vehicle communications equipment into one easy to use **unified system**
- Failsafe with **guaranteed connectivity** through seamless network switching
- Transparent **monthly cost** with flatrate plans for LTE and Satellite (Inmarsats BGAN PTT+ service)

EXPLORER Mobile Gateway

EXPLORER Mobile Gateway is **the hub** that integrates all in-vehicle devices into one communication platform:

- Converts existing LMR/DMR radios into a future-proof Radio over IP solution
- Compatible with any type of radio network (DMR, P25, TETRA, LTR, Analogue)
- Connects 2 cellular USB modems (3G, 4G, LTE)
- Connects to all IP based networks such as LAN, public cellular networks and satellite
- Seamless routing of voice and data between networks and carriers with no loss of connectivity
- Easy to use speaker microphone with display



PRISM PTT+ Components

Integrates three components that plug into the existing legacy LMR/DMR systems:

- 1. EXPLORER Mobile Gateway**
Integrates all available devices & connections
- 2. EXPLORER BGAN Satellite Antenna**
Global coverage via Inmarsat's L-band satellite network supported by BGAN PTT+ flatrate plans
- 3. PRISM Portal**
Platform for management and configuration

PRISM PTT+ Portal

The PTT+ service is managed and configured in the PRISM Portal that offers a long list of functionalities:

- Quick configuration of talk groups
- Preconfigured E&M radio interfaces for existing LMR/DMR radios
- Configuration of tracking and AGC settings
- Advanced routing for critical applications
- Recording of voice in talk groups
- Available as a Managed Service
- End to end AES 256 encryption

