



EXPLORER MSAT-G3 enables critical interoperable communications among homeland security officials, law enforcement, emergency responders and public safety officials

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Cobham SATCOM: Cobham Highlights MSAT Push-to-Talk Innovation at IWCE

Next generation MSAT system integrates radio, cellular and satcom networks for wider, more reliable and cost effective coverage

Las Vegas, Nevada – Cobham SATCOM’s innovative new EXPLORER MSAT-G3 will be shown on the Cobham booth at IWCE 2016 (booth #1055). An innovative new solution, EXPLORER MSAT-G3 is an IP-based Push-To-Talk (PTT) radio communications system that uniquely supports Satellite/3G/LTE/LAN backhaul and Land Mobile Radio (LMR) integration to

provide seamless voice communication in any situation.

EXPLORER MSAT-G3 is the next generation MSAT solution utilizing the power of the Ligado Networks (former LightSquared) SkyTerra-1 satellite and ViaSat's low-latency, IP-based L-band Mobile Satellite Services network. In the field, the system enables critical interoperable communications among homeland security officials, law enforcement, emergency responders, and public safety officials from various departments and agencies across the USA. EXPLORER MSAT-G3 extends coverage by combining satellite links and the existing cellular based networks, which can reduce terrestrial infrastructure costs while introducing significantly improved communications availability in any environment, when on the move. It is designed to cost effectively expand and augment LMR systems and as such, is compatible with many different brands of LMR to support lower capital costs.

The previous generation MSAT Push-To-Talk and Telephony voice is a satellite only service, but the EXPLORER MSAT-G3 offers a wealth of additional benefits by extending MSAT Push-To-Talk capabilities to hybrid data networks. With no user intervention required, the system automatically routes voice and data traffic via the most reliable network available. The solution is based on Cobham SATCOM's advanced EXPLORER Push-To-Talk system and the all-new EXPLORER 122, a compact comms-on-the-move satellite terminal developed to operate over the Ligado SkyTerra-1 satellite network.

EXPLORER MSAT-G3 looks and feels just like a standard LMR system, utilizing a simple Push-To-Talk Control Speaker Microphone. The system is also as easy to install as a standard LMR system. Uniquely, up to two USB cellular modems (optional) can be connected to the PTT terminal to enable two independent cellular network connections. In action, EXPLORER MSAT-G3's sophisticated routing functionality automatically switches between the available networks, dynamically selecting the most suitable one based on quality and availability at any time. This all happens seamlessly without user intervention.

“The combination of the new generation MSAT, using the SkyTerra-1 satellite and ViaSat's Managed Network Services, and EXPLORER MSAT-G3 will be a step change in communication capabilities for US government and emergency services,” said Henrik Nørrelykke, Vice President, Land Business, Cobham SATCOM. “By automatically and seamlessly routing voice and data

communication over the best available network the system extends coverage and provides a more reliable connection. It essentially delivers more value and better performance in order to make people on the ground safer and more effective in their work.”

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About Cobham SATCOM

Providing dependable communications and internet access anywhere under the most demanding conditions.

Our satellite and radio communication terminals perform in the most challenging and remote environments on land, at sea and in the air.

We design and manufacture these high performance products under the AVIATOR, EXPLORER, SAILOR and Sea Tel brands providing customers with outstanding performance, value and support through our global sales and service network.

About Cobham

The most important thing we build is trust.

Cobham offers an innovative range of technologies and services to solve

challenging problems across commercial, defence and security markets, from deep space to the depths of the ocean.

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