L3HARRIS ENCOMPASS™ GATEWAY

L3Harris Encompass Gateway is an efficient and affordable solution providing organizations a flexible migration to P25 technologies.

The Encompass Gateway application runs as a Virtual Machine (VM) on the L3Harris VIDA® Network, delivering critical interoperability between legacy systems and new P25 mobiles, portables and base stations. This single, reliable solution gives organizations the freedom to migrate as needs change and budget cycles allow. It also supports standards-based and proprietary systems so users can select from a greater choice of vendors for their equipment investments.

This powerful application is tightly integrated with VIDA® services, providing advanced call processing and remote configuration. In addition to basic group calls, this VM solution will pass Caller ID, Emergency Calls and Console Pre-empt Calls between a L3Harris P25 system and a legacy radio system.

Encompass Gateway supports the P25 standard Digital Fixed Station Interface (DFSI) protocol to provide interoperability. L3Harris VIDA is the only solution capable of interfacing with P25 trunked sites and DFSI-enabled base stations simultaneously. This allows Wide Area Networks to use both types of RF sites, reduce costs and simplify deployment of critical communications solutions.

The application delivers a smooth transition to P25 migration options and access to 4G technology using BeOn®-enabled handheld devices or L3Harris XL-series radios. Customers will experience the powerful convergence of LMR and LTE capabilities as soon as their migration to VIDA begins.

SMOOTH INTEGRATION AND EXPANDED CONNECTIVITY

KEY BENEFITS

> Virtual Machine solution provides critical interoperability between legacy and P25 systems

> Gives organizations a more cost-effective and flexible path to migration

> Provides access to 4G and LTE technologies through BeOn-enabled devices

> Device manager configuration provides single source for control and troubleshooting

> High availability and redundancy with advanced enterprise network fault monitoring

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ENCOMPASS GATEWAY SUPPORTED DFSI CALL TYPES
Unencrypted Group Calls
Encrypted Group Calls
Console Pre-empt Calls
Patch and Simulselect Calls
Emergency Group Call
Emergency Alarm to VIDA Unit Alert Translation
P25 Phase 1 and Phase 2 Audio

ENCOMPASS GATEWAY SUPPORTED DFSI FEATURES
Caller ID For Every Call
Analog (G.711 mu-law) Support
Channel Selection
Repeat Mode (Enable / Disable)
Squelch Mode (Monitor Mode On / Off)
Scan Enable/Disable
Status Message
In-Band GPS

Technical specifications are subject to change without notice.
Product sales are subject to applicable U.S. export control laws.

L3HARRIS™
FAST. FORWARD.

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