![L3HARRIS™ FAST. FORWARD.]

L3HARRIS ISSI GATEWAY

Inter-RF Subsystem Interface

The ISSI Gateway Inter-RF Subsystem Interface is a software solution that provides secure, interoperable communications between P25 radio systems regardless of manufacturer. It allows users to sustain communications when roaming from one system to another—without any manual intervention—while maintaining a connection to their home system.

ISSI Gateway provides extended coverage with neighboring systems. If a First Responder travels outside of their network range, communications will switch over to the nearest P25 system, keeping them connected to their home network. The system also supports location tracking of radio users across geographic boundaries.

During multi-agency responses, talk groups can be assigned working IDs so subsequent calls can be made without a dispatcher, and critical resources are not interrupted with unnecessary traffic. ISSI Gateway also supports essential day-to-day operations including: group call with unit ID, emergency and individual calls, and communication among subscribers and console operators.

ISSI Gateway reduces cost and complexity when added to the L3Harris VIDA® virtual system or any other ISSI-compatible system through a simple Ethernet connection. Agencies can continue to use their existing infrastructure and only upgrade portions of their radio system as needed, and as budget allows. Backward compatibility, along with the ability to use non-proprietary off-the-shelf hardware, reduces cost of ownership and enhances interoperability.
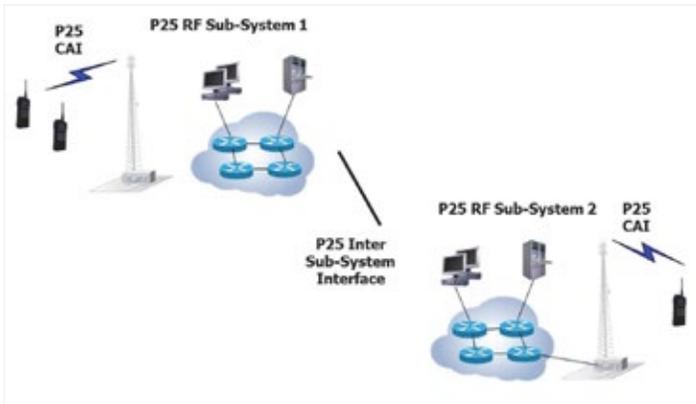
SPECIFICATIONS FOR: L3HARRIS ISSI GATEWAY

HARDWARE (STAND-ALONE ISSI GATEWAY)

Linux® Red Hat® Operating System
1 Rack Unit 19-inch chassis
Dual E5-2640 processors
Two 146-GB hard drives
16 GB RAM
Gigabit Ethernet cards
Redundant power supplies

APPLICATION

Runs on a VIDA Application Server virtual machine for VIDA Premier and VIDA Unite configurations

DESIGN

Unconfirmed group calls
Caller IDs across the ISSI Gateway
Unit roaming (automatic or manual)
Group affiliation
Emergency calls
Group and unit registration
Supports up to 200 concurrent group calls
Call arbitration
Fault reporting to the Regional Network Manager
Dynamic database information from the Unified Administration Server
Provides call activity to the activity warehouse
Static Configuration via VIDA Device Manager
Support for OpenSky® systems using VIDA Transcoder
Confirmed calls
Support for pre-empt scenarios
Support for the CSSI
Support for P25 Phase 2
Support for P25 site adjacency exchange

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

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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