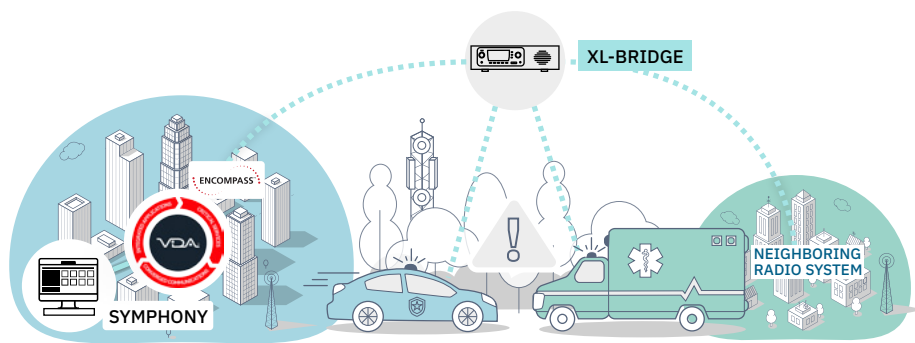# L3HARRIS®
FAST. FORWARD.

XL-BRIDGE

Move Beyond Legacy Analog Gateways with DFSI to Support P25 Digital Technology and Features

Bridge communications with outside radio systems and users whether they use analog or digital mode.

INNOVATIVE GATEWAY SOLUTION

The XL-Bridge can provide a gateway between analog and digital critical communication systems, including P25 trunked, P25 conventional and analog systems, for interoperability.

DONOR RADIO SOLUTION

The XL-Bridge can be coupled with a Symphony™ Console for receiving and transmitting RF communications. The XL-Bridge can be used to communicate across multiple channels through the channel change feature on the Symphony Console.

When you're in remote locations, simply plug the XL-Bridge into the network using an Ethernet cable, allowing your Symphony Console to communicate on the go.

DIGITAL FEATURE EXPANDABILITY

Previously, the legacy CS7000 solution only supported voice and caller information for analog systems. The XL-Bridge utilizes DFSI to enable the use of DFSI features defined by P25 Standards.
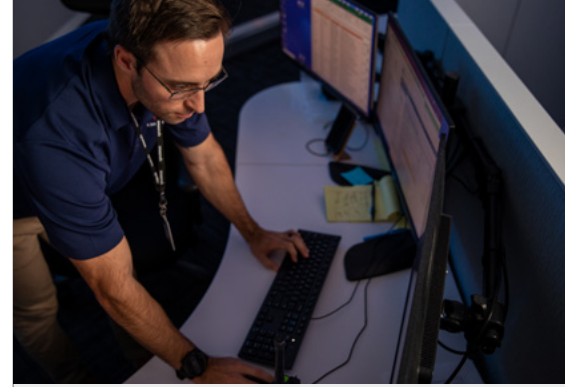
In the future, digital features beyond voice capabilities will be supported. These features will better protect your users and will provide critical information beyond what legacy solutions provide today.

KEY BENEFITS

> **Cost-effective, Flexible Gateway:** Improves on 3rd-party donor or interoperability hardware, reducing points of failure and simplifying deployments

> **Remote channel control:** Change channels on the XL radio directly from the console or remote location

> **Fast to deploy:** Plug-and-connect via Ethernet for rapid field setup and immediate interoperability

KEY USE CASES

> Interoperability across P25 trunked, P25 conventional and analog systems—ideal for mutual aid or neighboring jurisdictions at a site

> During an emergency, rapidly deploy a dispatch control station on-site to communicate across multiple systems

> One way roaming occurs when outside users come within range of an XL-Bridge on your system

L3Harris.com

SPECIFICATIONS FOR: XL-BRIDGE

WAVEFORMS	SUPPORT
P25 Trunked	
Phase 1 Trunking	
Phase 2 Working Channel	
TDMA Control Channel	
Control Channel Scan	
Registration/Group Affiliation	
Group Voice Call	
Announcement Call	
Emergency Operations	Excluding Console
Voice Encryption	Excluding Console
Scan	Excluding Console
P25 Conventional	
Repeated	
Simplex	
Squelch Modes (Monitor, Normal, Selective)	
Group Voice Call	
Emergency Operation	Excluding Console
Voice Encryption	Excluding Console
Scan	Excluding Console
Analog Conventional	
Repeated	
Simplex	
Squelch Modes (CTCSS/DTCSS)	
MDC-1200	
Enhanced ID	
Scan	Excluding Console

DFSI FEATURES
Control
Connect
Disconnect
Heartbeat
Select Channel
Report Selected Modes
Voice Conveyance
ADPCM

SOFTWARE
Versions
XLP R20B
RPM2 R20B

L3HARRIS ®

1025 W. NASA Boulevard
Melbourne, FL 32919
L3Harris.com