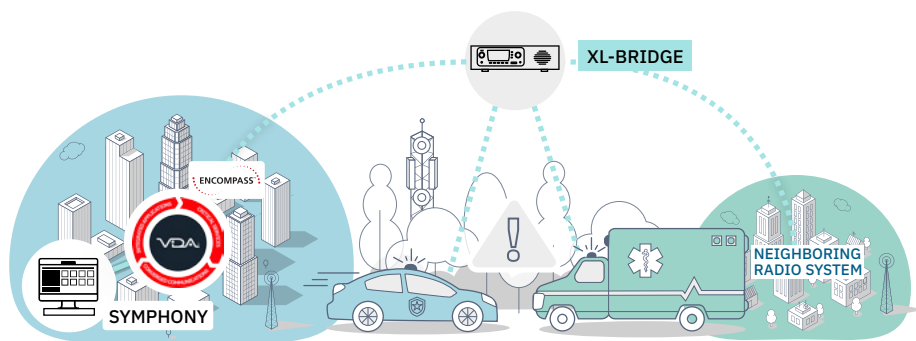


## XL-BRIDGE

### 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



## SPECIFICATIONS FOR: XL-BRIDGE

| WAVEFORMS                                  | SUPPORT           |
|--|-------------------|
| <b>P25 Trunked</b>                         |                   |
| 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 |
| <b>P25 Conventional</b>                    |                   |
| Repeated                                   |                   |
| Simplex                                    |                   |
| Squelch Modes (Monitor, Normal, Selective) |                   |
| Group Voice Call                           |                   |
| Emergency Operation                        | Excluding Console |
| Voice Encryption                           | Excluding Console |
| Scan                                       | Excluding Console |
| <b>Analog Conventional</b>                 |                   |
| Repeated                                   |                   |
| Simplex                                    |                   |
| Squelch Modes (CTCSS/DTCSS)                |                   |
| MDC-1200                                   |                   |
| Enhanced ID                                |                   |
| Scan                                       | Excluding Console |

| DFS1 FEATURES           |
|-------------------------|
| <b>Control</b>          |
| Connect                 |
| Disconnect              |
| Heartbeat               |
| Select Channel          |
| Report Selected Modes   |
| <b>Voice Conveyance</b> |
| ADPCM                   |

| SOFTWARE        |
|-----------------|
| <b>Versions</b> |
| XLP R20B        |
| RPM2 R20B       |

### L3Harris XL-Bridge

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