L3HARRIS™
FAST. FORWARD.

VIDA® NETWORK SOLUTIONS

Unified End-to-End Connectivity

VIDA NETWORK SOLUTIONS

We understand the importance of your mission and have built a network that delivers critical communications to the right resources whenever and wherever needed. Designed for those on the front lines, the L3Harris VIDA (Voice, Interoperability, Data and Access) network solutions are ready to handle the diverse needs of any environment. **We're ALL-IN.**

READY AND RELIABLE

The industry's most reliable P25 Land Mobile Radio system delivers voice and data over LMR, LTE and Wi-Fi® with leading High-Availability failover solutions, so you stay connected when it matters most.

BUILT FOR INTEROPERABILITY

Open standards-based architecture and flexible solutions offer greater choice of carriers, devices and applications.
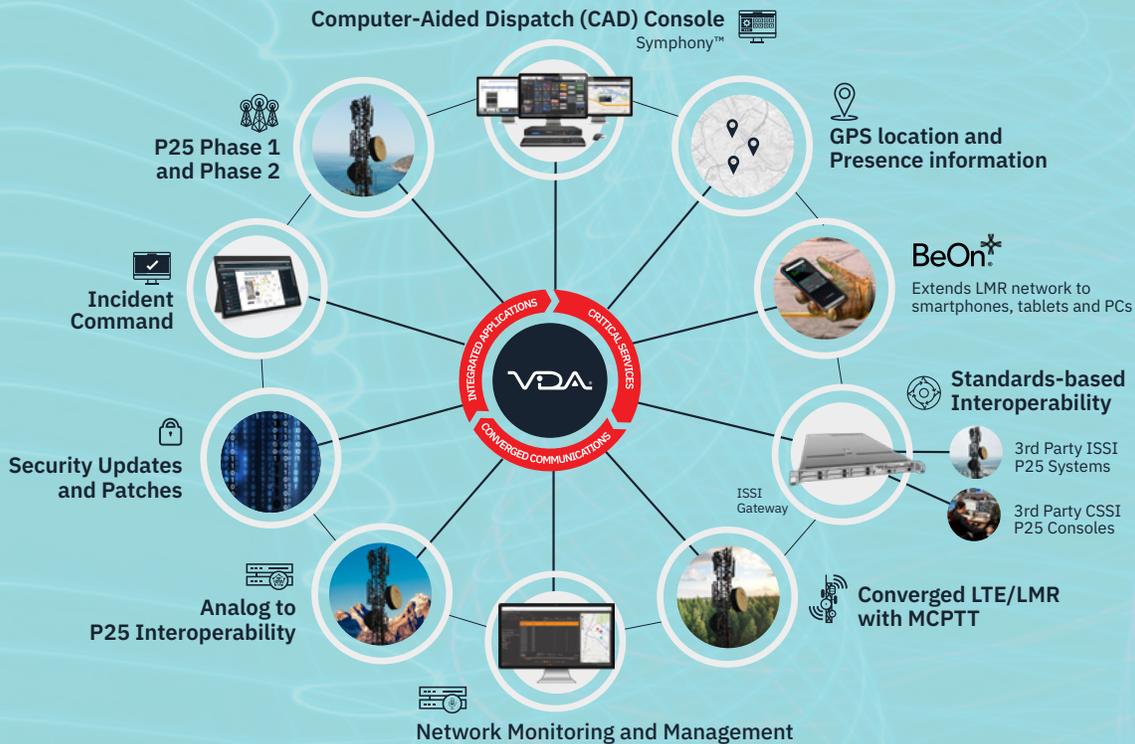
TRUSTED SECURITY

A comprehensive portfolio of cybersecurity services engineered to evolve with emerging security threats.

POWERFUL NETWORK COVERAGE

Unified end-to-end connectivity is the foundation of our VIDA network. This means solid communications anytime, anywhere, no matter how you choose to communicate.

Computer-Aided Dispatch (CAD) Console
Symphony™

P25 Phase 1 and Phase 2

GPS location and Presence information

BeOn
Extends LMR network to smartphones, tablets and PCs

Incident Command

Standards-based Interoperability

3rd Party ISSI P25 Systems

3rd Party CSSI P25 Consoles

Security Updates and Patches

ISSI Gateway

Analog to P25 Interoperability

Converged LTE/LMR with MCPTT

Network Monitoring and Management

VIDA

INTEGRATED APPLICATIONS · CRITICAL SERVICES · CONVERGED COMMUNICATIONS

UNRIVALED NETWORK CAPABILITIES

STAY CONNECTED

Leverage LMR, LTE, and Wi-Fi to enhance your communication footprint, or turn your smartphone, tablet, or PC into an encrypted push-to-talk (PTT) communications device using our BeOn® solution.

L3Harris BeOn Mobile Application extends your LMR network to approved devices delivering secure, PTT communications to teams within or beyond your regional network.

FUTURE READY

The fully virtualized core keeps your system future ready and supports painless updates and system expansion while maintaining your system's compatibility with future technologies. VIDA's flexible design supports adding applications to your system during installation or later, as needs change.

OPERATIONAL AWARENESS

Real-time tracking of personnel, vehicles and other mobile assets delivers a clear view of your resources. Our situational awareness solutions help you drive faster response times, increasing efficiency and enhancing the safety of everyone.

GREATER CHOICE

We partner with the best in the industry to give you more control of your system with more technology options to fit your unique needs.

MISSION CRITICAL ALLIANCE™

Through the Mission Critical Alliance, L3Harris works with proven vendors to create fully customized solutions for uncompromised radio communications.

Scan to learn more about the MCA

ROBUST, HIGH AVAILABILITY AND REDUNDANCY

Reliable communications is a daily lifeline, more so during emergency operations. VIDA High Availability (HA) technologies reduce downtime by keeping on-scene workers connected to dispatch.

APPLICATION HA
(VIDA Unite and Connect)
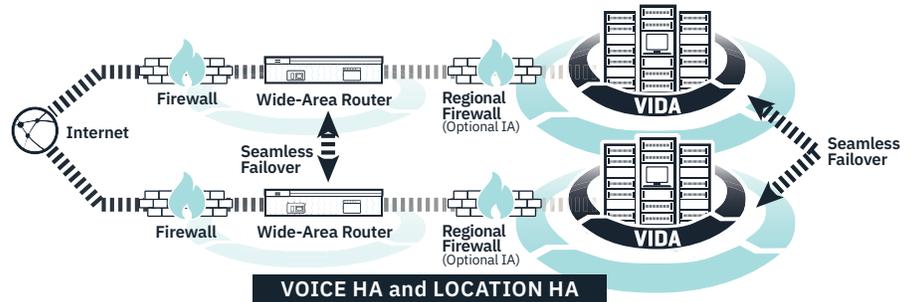A virtual backup instance for applications on the primary server

Internet | Firewall | Wide-Area Router | Regional Firewall (Optional IA) | VIDA

APPLICATION HA

VOICE HA
(VIDA Essentials only)
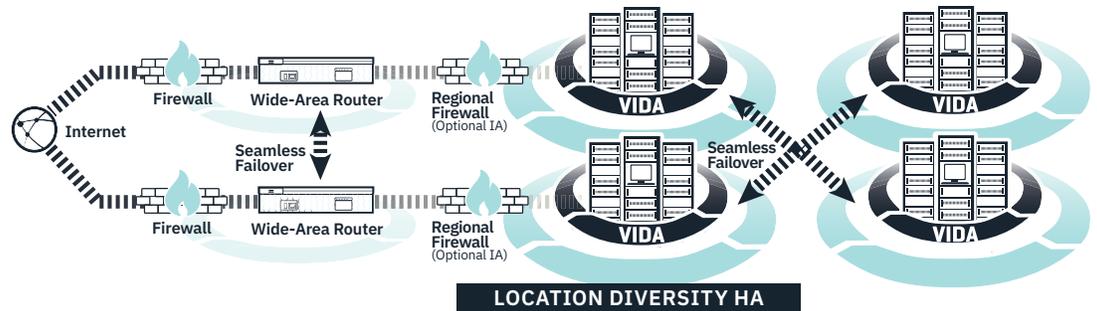Redundant real-time voice applications on separate servers

LOCATION HA
(VIDA Premier, Unite and Connect)
Separate primary and secondary servers that can be geographically separated

Internet | Firewall | Wide-Area Router | Regional Firewall (Optional IA) | VIDA | Seamless Failover

VOICE HA and LOCATION HA

LOCATION DIVERSITY HA
(VIDA Premier only)
Hardware and application redundancy in both primary and secondary locations

Internet | Firewall | Wide-Area Router | Regional Firewall (Optional IA) | VIDA | Seamless Failover

LOCATION DIVERSITY HA

FLORIDA STATEWIDE LAW ENFORCEMENT RADIO SYSTEM (SLERS)

Over the last two decades, the State of Florida and L3Harris Technologies have worked together to ensure the effectiveness of communications, not only for First Responders, but also the citizens they serve.

In the face of 15 hurricanes, 10 named tropical storms and numerous large-venue events, the system has maintained a 99.96 percent uptime rate in some of the region's most-treacherous conditions. "We have a proven track record showing we can provide the State of Florida's emergency personnel uninterrupted connectivity during critical operations," Steve Williams, L3Harris SLERS Director, said. "The technology we can provide into SLERS would be light years ahead of other companies. When you talk about resiliency and redundancy, our technological investments are focused on assuring communications for the network, so you can lose a control site and other sites can take over that role. That, in itself, is a solution you need in Florida, given its nature as a hot bed of hurricane targets."

Scan to learn more about the SLERS system

PEACE OF MIND

Protecting mission-critical communications from cyber threats has never been more important. With cybersecurity a fundamental part of system design, our network solutions are engineered to operate so you can rest easy. We address evolving and ongoing challenges with a comprehensive portfolio of security products and services for VIDA, including access control, boundary control & network segmentation, host & network intrusion detection, system auditing and accounting, communication protection, session auditing, scanning and disaster recovery. These cyber applications, along with services that provide scheduled policy, configuration, and patch updates to your system and customer processes and training provide a layered defense to help protect against the next attack.

UNCOMPROMISING DEFENSE

VIDA's cybersecurity solutions for wireless communication systems are designed around U.S. federal and industry standards, and best practices including NIST 800-53, DHS-4300, CNSS 1253 and STIG compliance.

CONSTANT VIGILANCE

Ongoing system evaluations by cybersecurity engineers identify vulnerabilities for quick response and action. We follow industry best practices for advanced security enhancements.

ENCRYPTED VOICE AND DATA

End-to-end encryption from the moment you push-to-talk to when your message is received.

END-TO-END PROTECTION

Our Cybersecurity Solutions deliver the latest technologies, maintenance and processes to keep organizations effective and vigilant against cyber threats.

> **Probing and scanning for network vulnerabilities**
> **Sniffing and eavesdropping**
> **Malicious coding and malware**
> **Denial of service**
> **Spoofing**
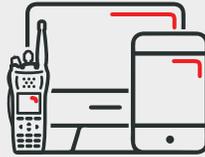> **Password cracking**
> **Man-in-the-middle**

ADVANCED NETWORK MANAGEMENT SOLUTIONS

VIDA Network Solutions consolidate the management of your network into a single, unified platform. A convenient approach that allows you to manage your network and devices with ease while reducing operational costs and total cost of ownership.

ACTIVE MONITORING

Monitor your network with ease using our real-time network management and monitoring tools. Receive information and alerts regarding the current state of the network, applications and hardware through simplified web browser interfaces. Understand and visualize who is operating on your network and what data is being passed.

DEVICE MANAGEMENT

Remotely program LTE or Wi-Fi enabled devices on your network using Device Management. This simple-to-use, cloud-based application cuts programming time in half by reducing field technician time, resulting in an increased Total Cost of Ownership (TCO) savings.
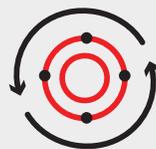
MANAGED ENCRYPTION

Centralized management of your voice encryption keys for all supported network devices including subscriber devices. This allows you to seamlessly generate and distributes encryption keys to your devices via Over-The-Air-Rekeying (OTAR).

24/7 NETWORK MONITORING

Allow us to help maintain your network through 24/7 remote monitoring by dedicated L3Harris technicians who are trained to quickly resolve issues and minimize downtime.

LIFECYCLE MANAGEMENT

Comprehensive, long-term infrastructure lifecycle management of system hardware and software to keep your network updated, running at peak performance and to protect against security threats.

PREVENTIVE MAINTENANCE

Give yourself the tools you need to ensure that your system functions when it needs to with support from L3Harris technical experts. This includes regularly scheduled tests, checks and routine alignment of your equipment to optimize your system's performance and ensure it meets factory and FCC specifications.

FLEXIBLE BY DESIGN

The VIDA platform is offered in various configurations so you can choose which option best fits your current demands and future growth.

PREMIER

LARGE-SCALE DEPLOYMENTS

Designed for large state or country-wide communications systems in single or multi-regional configurations. Premier employs Virtual Machine (VM) technology to streamline the addition of public safety and utility applications into its voice, system management and administration services.

UNITE

MEDIUM-SIZED DEPLOYMENTS

Supports larger city or county-wide agency communications. Value-engineered to retain critical features and system redundancy. Offers the same voice, system management and administration services as Premier with the same choice of applications.

ESSENTIALS

SMALLER DEPLOYMENTS

Cost-effective and ideal for smaller county, town or rural utility needs. Essentials features LTE and robust cybersecurity options. Also includes Voice High Availability (HA) for real-time applications and Symphony™/BeOn only configurations.

CONNECT

EXTEND YOUR COVERAGE

Interfaces with RF sites, consoles and gateways to extend service from larger, regional systems to remote locations and dispatch centers. Add other VIDA systems and any combination of P25 Trunked, Conventional and Simulcast RF sites to a Connect region for outstanding reach.

CONTACT US

Speak with one of our experts about the complexities and challenges you are facing with your critical communications system and a tailored solution to meet your needs.

PSPC_custfocus@L3Harris.com
(800) 368-3277

	Premier	Unite	Essentials	Connect
Designed for	Large wide-area systems (State-wide, Large Investor Owned Utility / Transportation)	Medium-size systems (County-wide or municipal utilities)	Entry-level offering/ smaller systems (Rural public safety, Co-op utilities)	Enables distributed scalable networks
Capacity (Sites)	254	16	9	100
Consoles (Max)	100	20	12	60
Simultaneous talk paths	2400	800	300	1600
Cybersecurity support	Premier Cybersecurity Package	Unite Cybersecurity Package	Essentials Cybersecurity Package	Connect Cybersecurity Package
High Availability for management applications	Location HA or Location Diversity HA	Application HA or Location HA	Voice HA	Location HA (part of Premier Core)
BeOn (Broadband PTT) server	Standard			
Link Layer Authentication	Optional			
High Velocity Data	Optional			
StatusAware™ for Location services	Optional			
P25 Inter-agency interoperability via ISSI/CSSI	Optional			
P25 Conventional Interoperability (DFSI)	Optional			
Infrastructure Managed Services	Optional services including regular patch and cybersecurity updates			

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