HARRIS FALCON NET ECOSYSTEM™
REDEFINING THE CONNECTED BATTLESPACE

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Redefining the Connected Battlespace

Real-Time Intelligence
Battle management and multi-channel technologies support accurate, comprehensive ISR for shared intel across echelons. This allows faster, better-informed decisions at the point of battle where needed most.

Spectrum Superiority
Harris proprietary waveforms can create and maintain a robust network connection at 75 kHz, while other communications providers require 1.2 MHz. This is a major differentiator in how Harris waveforms efficiently use the spectrum.

Multi-Domain Interoperability
Land, sea, air and space—nations and their warfighters, first responders and border agents are able to communicate throughout joint operations. Hardware, software and applications work together to extend range, capabilities and ensure robust, reliable connectivity.

Resilient Communications
Warfighters stay connected as they move throughout the battlespace. Waveforms and networks automatically adapt to communications interference, environments and distances between units.

The Industry’s Best End-to-End Tactical Network Solution
Tactical decisions need to move at the speed of light—and be correct. Rich data intelligence, video ISR, high-speed MANET networks and unwavering interoperability are critical for mission superiority. That is the foundation of Falcon Net Ecosystem technologies. This end-to-end solution is fueled by over six decades of global tactical expertise, and our commitment to warfighter safety and overmatch capabilities.

Data-Driven Intel: Fast, Accurate, Shared.
Powered by tightly integrated networking technologies, the Harris Falcon Net Ecosystem delivers robust, resilient, data-centric communications no matter how complex the scenario.

**FALCON® RADIOS**
Battle-proven technologies architected by the global leader in tactical communications.

- Converged voice, data, full motion video, crossbanding and Falcon family interoperability
- Reduces need for extra radios through multi-channel, multi-mission capabilities
- Software-defined architecture simplifies upgrades and protects investments
- Engineered for warfighters—low SWaP, ruggedized, intuitive user interface

**WAVEFORMS**
Growing, 50+ portfolio of waveforms gives warfighters the ability to keep pace with complex mission challenges.

- Low-latency transmissions deliver high-accuracy Friendly Force and target locations
- Anti-jam solutions provide reliable communications in severely contested environments
- Mobile warfighters stay agile through self-forming, self-healing, multi-domain MANET networks

**TACTICAL APPLICATIONS**
Near real-time delivery of actionable information speeds more informed decision making.

- Battle Management System processes raw battlefield data, delivering a shared Common Operational Picture
- Network design, deployment and monitoring are faster and more accurate
- Chat and messaging applications provide up-to-the moment mission status and Position Location Information

**SERVICES**
Customized system design, deployment and operational services optimize battlefield performance.

- Proven hardware, software and applications now in 50+ countries
- Seamless connectivity by land, sea, air and space, through a single system
- Scales with missions—active battle, border surveillance, peacekeeping and disasters
Data is critical. Know yourself, know the terrain, know the enemy and act faster than the enemy. The Falcon Net Ecosystem gives warfighters voice, data, video ISR and the ability to very rapidly disseminate that intelligence across the battlespace.”

Major General Jeff Smith
U.S. Army - Retired
Vice President, Business Development
Harris Corporation

About Harris Corporation
Harris Corporation is a leading technology innovator, solving customers' toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports government and commercial customers around the world.

Learn more at harris.com