BATTLEFIELD ADVANTAGE.
IT RUNS IN THE FAMILY.

Introducing the FALCON® IV Family of Radios
VOICE. VIDEO. DATA. ALL IN ONE RADIO.

Only the Falcon® IV Family of Radios from L3Harris delivers real-time voice, data, full-motion HD video and crossbanding for mission-critical communications—in a single, integrated platform.

Responsive and adaptable to mission needs, Falcon IV enhances warfighter effectiveness and agility with multi-channel capabilities, more reliable communications in extreme environments and significant SWaP efficiencies.

Converged Technologies Power Multi-Domain Dominance

Warfighters need to move fast, while simultaneously making best-informed, split-second decisions to drive mission success. The converged, L3Harris capabilities in Falcon IV tactical radios are engineered to deliver the decisive edge in every arena of operations—today and well into the future.

REAL-TIME, SHARED COMMON OPERATIONAL PICTURE
> Independent dual-channel voice, ISR video and data crossbanding
> Prioritized talk groups support more-informed decision-making
> Full interoperability with DoD and Coalition forces
> Second channel for critical redundancy

HIGH-SPEED, RICH INTEL
> Extended wideband increases SA throughput including HD Full Motion Video
> Self-forming, self-healing MANET simplifies networking and edge agility

ROBUST, RESILIENT COMMS
> Proprietary waveforms for reliable Line-Of-Sight and Beyond-Line-Of-Sight connectivity
> Anti-jam technologies deliver clear, reliable comms in contested and congested environments

FUTURE-READY
> MUOS-ready hardware provides global connectivity
> Standard interface Mission Modules support adding new capabilities without hardware changes
> Software-defined architecture powers fast, in-field updates to emerging capabilities
> Software-based encryption supports security updates and wiping at-risk radios to zero

EASE OF USE, WARFIGHTER AGILITY
> Familiar Falcon® interface reduces training and speeds deployment
> Standard hardware interface reduces equipment acquisition costs
> SWaP-optimized platform reduces warfighter burden and increases flexibility for vehicular configurations
> Multi-channel power management maximizes battery life
THE BEST END-TO-END TACTICAL SOLUTION

Robust, real-time data-centric communications are mission-critical. The tightly integrated technologies of the L3Harris Falcon Net Ecosystem™, including the Falcon IV Family of Radios, provide the rich data intelligence, video ISR, high-speed MANET networks and unmatched interoperability warfighters need to gain the battlefield advantage.

FALCON RADIOS
Battle-proven technologies pioneered by the global leader in tactical communications.

WAVEFORMS
A growing portfolio of 50+ waveforms gives warfighters the ability to keep pace with complex mission challenges.

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

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

THE FALCON LEGACY CONTINUES

With more than six decades of tactical expertise and over one million radios deployed, L3Harris is the global technology leader connecting ground, air, sea and space with reliable, secure mission-critical tactical communications.

The Falcon IV Family of Radios represents our ongoing commitment to pioneer next-generation integrated solutions for the world’s most technologically advanced elite forces. Falcon IV radios help warfighters navigate the shifting battle landscape and accomplish their mission as safely and effectively as possible.

Learn more about how the Falcon IV Family of Radios helps you gain the advantage at L3HarrisFalconIV.com.