

Secure Wireless Solutions for Homeland Security

Enabling large-scale systems integration efforts for border security, surveillance systems and interdiction missions

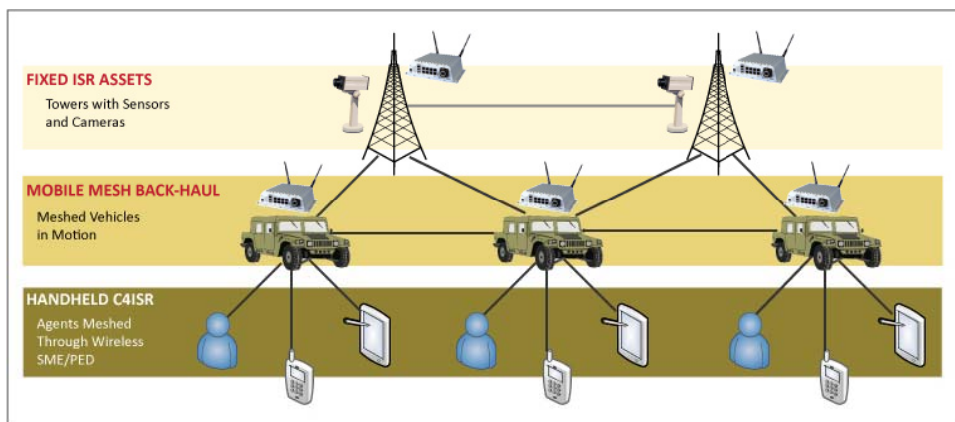
LTI DataComm and our partners understand the complex challenges faced by our Homeland Security, FLEO, and Intelligence customers. LTI combines domain experience and IT engineering capabilities to provide best value and low-risk solutions to address our customers' mission critical objectives.

LTI DataComm, in partnership with Fortress Technologies, has established innovative situational awareness solutions for the following markets:

Border Security

Many organizations today are challenged to extend the reach of their networks to outdoor locations and across long distances while providing as much bandwidth as possible. Often, the need is to securely link multiple locations in sites where the traditional wired approach may not be practical. Fortress Secure Wireless Bridges securely extend the reach of outdoor networks and are ideally suited for border security and surveillance applications.

For border security, the pressing need is to link critical command posts to fixed and mobile surveillance posts, formal and informal border crossing sites, and to integrate access to remote sensor data and surveillance feeds. In these environments, the resilience of a secure wireless mesh network is critical. In order to execute effective Intelligence, Surveillance and Reconnaissance (ISR) operations, agents in the field need real-time wireless camera access and feedback from field deployed sensors. Fortress enables these applications by providing secure wireless mesh that is compliant with federal information assurance (IA) requirements and also allows for inter-agency interoperability.



Solution Overview



Enable the Mission:

- Intelligence, Surveillance, and Reconnaissance
- Maritime and Land-based Interdiction
- Common Operational Picture
- Emergency Response
- C4ISR on the Move
- Disaster Recovery
- Continuity of Operations

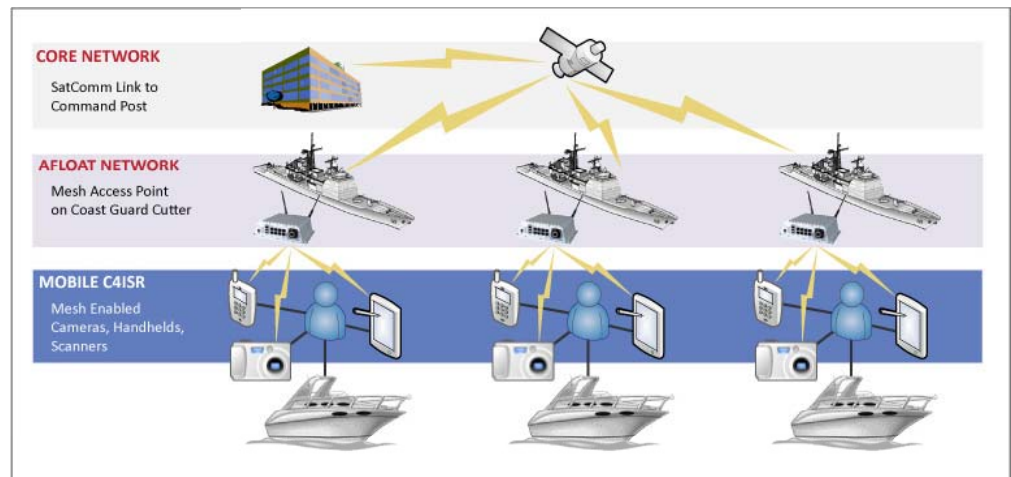
Solution Overview



Maritime Domain Awareness

Gaining operational efficiencies through wireless networking technologies is an imperative for forward looking organizations. In Maritime Domain Awareness (MDA) applications, the need is to connect a Host Vessel or a Vessel of Interest to an on-land central command post in order to provide voice, video, and data capabilities to agents on the move in a maritime environment.

Whether the need is to support streaming video for situational awareness during vessel boarding, or to provide secure wireless backhaul for IP based applications such as Identity Management and biometric scanning, these solutions require wireless communications at the edge of the network that offer the best performance in terms of radio range, throughput and reliability. Additionally this solution must be rugged enough to withstand harsh maritime environments and meet stringent federal security requirements. LTI DataComm satisfies this demand while ensuring that security policies and best practices are met by integrating strong, policy compliant security into communications products that are specifically designed to operate in these harsh environments.



Vehicle Based Networks

Fortress provides communications solutions that allow government agencies, first responders and military organizations to extend broadband voice, video and data applications to their mobile and vehicle-based agents and officers. Whether the application is command and control, situational awareness, vehicle health monitoring, force protection or dismounted warrior, LTI DataComm offers secure, state-of-the-art wireless communications, while minimizing system complexity.

Designed for use in military vehicles, police cruisers, service trucks and mobile command vehicles, the Fortress Secure Wireless Bridge is an optimized wireless communications platform. These rugged devices meet and exceed our customers' needs for industry-leading RF range, broadband performance and FIPS validated security. Because we use standards-based commercial wireless technologies and retain complete control over hardware and software designs, Fortress is able to meet our customers' most stringent mission requirements with a best value approach. Additionally our partner, Fortress, is able to leverage their design unique expertise to create products that meet Federal and DoD mission and information assurance requirements.

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