How High-Speed SatCom Delivers a Battlespace Advantage

In the modern Battlespace, maintaining Command and Control and Situational Awareness is essential for deployed forces to accomplish tactical, operational and strategic objectives. Every Force National and Coalition Commander must be able to coordinate their actions through a Common Operating Picture to maintain an advantage.

This requires a constant flow of information – secure voice, video, Electro Optic downlink and surveillance data for Information Exploitation. However, achieving this kind of synchronicity is challenging.

The iDirect SatCom Solution

Militaries need a communications network that can reach anywhere. Modern forces are in constant motion, deploying globally at a moment's notice to challenging environments that require Beyond Line of Sight communications. They need a network that's fast and reliable, that can support real-time information and mission-critical applications. They also need a network that's secure and interoperates with other communications systems.

Satellite technology from iDirect meets all these challenges. The iDirect platform is a high-speed, two-way, IP-based communications system, engineered to the highest military standards. It offers a reliable, efficient and secure solution for military applications, in any environment, fixed and mobile.
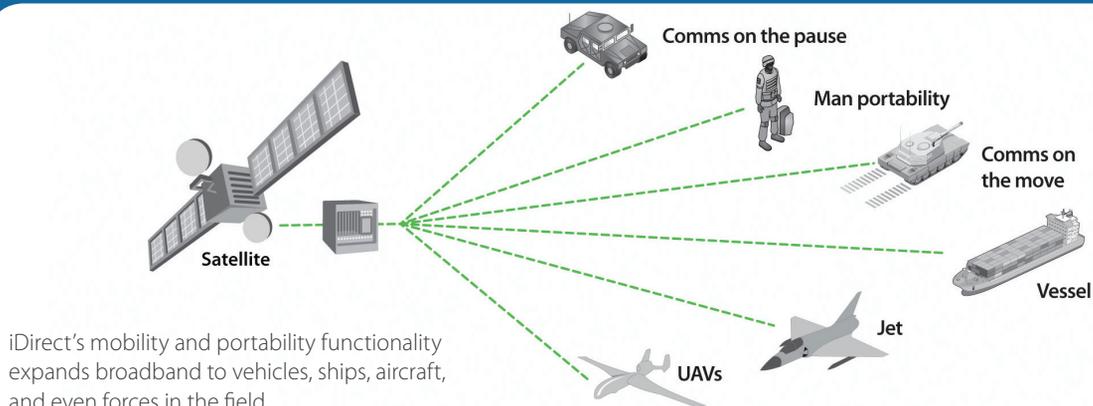
Advanced Features

- Efficient DVB-S2 and Adaptive TDMA networking to provide maximum availability and reliability
- Industrial-grade hubs, line cards and remotes designed for transport and deployment in austere environments
- Integrated router boards optimised for size, weight and power that can be integrated by our partners into specialised portable and mobile systems
- Mobility features that extend broadband to every soldier no matter where or how they're deployed
- Military-grade traffic obfuscation and encryption
- And an intuitive and powerful network management system to monitor everything from a central location

Informed and In Control

With iDirect's platform, all forces can be kept informed and safe through a Common Operating Picture. For example, HD video surveillance from an aircraft can be transmitted to the Commander centrally over a secure, high-speed IP network, through an ultra-small antenna and onboard remote. From there, radar tracks, command assignments and target information imagery can be sent to the tactical edge where forward deployed forces use rugged, man-portable terminals to establish instant broadband connectivity.

iDirect enables military formations to deploy secure, high-speed connectivity anywhere, delivering immediate access to mission-critical information. To learn how, visit www.iDirect.net.

Connectivity Anywhere, Everywhere

iDirect's mobility and portability functionality expands broadband to vehicles, ships, aircraft, and even forces in the field.

iDIRECT