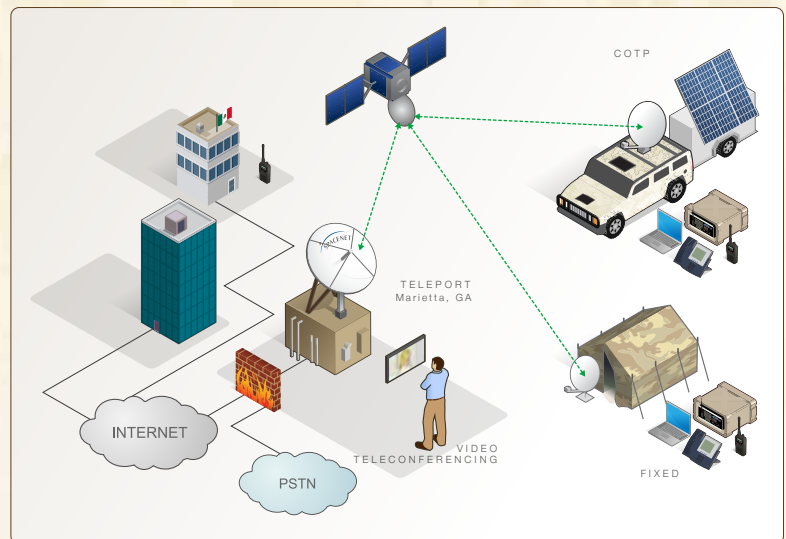


SIGS Emergency Communications System

Rapidly Deployable, Mobile and Communications-On-the-Move (COTM)

ECS System Overview

- Spacenet's ECS is built on the SkyEdge II satellite platform and used in conjunction with Spacenet's ION™ instant communications system, a self-contained ruggedized field kit, to enable rapid deployment of complete converged communications capabilities supported by satellite subscription services
- ECS can be incorporated with Spacenet's ION™ instant communications system, a self-contained ruggedized field kit, to enable rapid deployment of complete converged communications capabilities supported by satellite subscription services
- ECS can be integrated into mobile command vehicles to provide field personnel with access to the Internet, land mobile radios, the Public Switched Telephone Network (PSTN) and secure private networks



Increasing Mission Assurance

- Warfighters, civil authorities and other users need on-demand access to Commercial-Of-the-Shelf (COTS) satellite and converged communications capabilities to support emergency response and disaster recovery operations
- Deployed field personnel require rapid access to mission-critical applications, situational awareness and interoperability among military, civilian and first responders
- ECS enhances coalition tactical edge command and control; communications systems; and Intelligence, Surveillance, and Reconnaissance (C3ISR) capabilities by providing secure, deployable, modular, wireless communications in support of distributed small unit operations

Modular, Scalable, Flexible Communications Platform

- Uses COTS flyaway VSAT; mobile auto-acquire; and full two-way, low-profile COTM antennas
- ION™ Converged Communications field kit provides interoperable communications and access to various data applications (E-mail, Internet, Private Networks), Video (Surveillance, Streaming, Conferencing) and Voice (VoIP, PSTN, RoIP)
- Supports both unclassified and classified communications using satellite subscription services and full-time links
- Incorporates standards-based DVB-S2/DVB-RCS technology and can be modified to support DoD MIL-STDs, NATO STANAGs and tailored to meet unique client needs
- Can be easily installed at fixed locations or integrated into mobile command vehicles and used to facilitate end-user coordination and collaboration
- 100% renewable power sources and water purification systems available as optional equipment