

Tactical Wireless Emergency Broadband™ (TWEB™) Network

Convergent Network Products



con-ver-gence

bringing voice, data and video together on one platform

in-ter-op-er-a-bil-i-ty

being able to conduct voice communications between any radio device

dy-nam-ic in-ter-op-er-a-bil-i-ty

the ability to communicate via voice, data and video across any network via any IP-based device, on the fly, in real time, when and where needed

The TWEB Network is an expandable network designed specifically for those events where traditional infrastructures are failing or non-existent. TWEB Networks support single or multi-agency events where interoperable, secure communications are required.

The TWEB Network provides inherent scalability to expand users and coverage area on demand. Whether a remote operations network within a parking lot or a large scale response covering several square miles, the TWEB Network provides the voice, data and video capabilities you need.

Moreover, TWEB Networks now feature F4W's FatNode™ wireless routers and technology. Utilizing Software Definable Radio (SDR) technology, the FatNode router is capable of cutting through the most saturated of RF environments while delivering exceptional distance and throughput.

TWEB Networks are not hindered by the inherent restrictions of typical meshing devices and management applications.

Provides:

- ☑ coverage to limited and large areas, addressing any scenario or event.
- ☑ quick and easy setup, network IT and/or engineers not required.
- ☑ the ability to layer any security protocols you currently employ.
- ☑ access to real-time audio, data and video from anywhere in the world.
- ☑ features Energo Tactica, an interoperable communications platform.
- ☑ simple utilization of any available IP backhaul.
- ☑ portable network operations, no need for fixed infrastructure.
- ☑ a DHS SAFECOM Program compliant wireless system.
- ☑ a key component in meeting the National Incident Management System (NIMS) compliance metrics.

Features & Benefits

- Secure broadband satellite connection within minutes of deployment.
- Access real-time audio, data and video from anywhere in the world.
- Immediate, turn-key operations, deployable by non-technical personnel.
- Modular and easily scalable to support large area network requirements.
- Modularity enables transportation to site by air, land or water.
- No fixed infrastructure required.
- Multiple power options: batteries, inverters or generators.
- Seamless integration of standard desktop applications.
- Supports LMR Patchwork Interoperability with other data networks.
- COTS-based technology.
- GSA Contract and DHS approved equipment.
- Optional multiple radio frequency capabilities and support.

System Components



For more information:

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TWEB Incident Area Network™ (TWEB-IAN™) Bundle

- (1) 7u Rugged Rack Case w/ slide out KVM
- (1) Mil Spec LAMPS Server
- (1) VoIP PBX w/desktop VoIP Phone
 - (1) DID (Direct Inward Dial) 1-8XX VoIP Line
 - (1) 12,000 minutes VoIP service
- (1) FatNode™ Wireless Router II w/mast
- (10) Energo Tactica 2.0 10 License Bundles
- (1) Energo Relay Enterprise Setup Kit
- (4) Energo Relay Enterprise Licenses
- (1) F4W Auto Deploy VSAT System
- (1) 512 Kbps * 512 Kbps "Always On" VSAT Service for 12 Months
- (1) TWEB VoIP Expansion Kit
- (1) Desktop VoIP Expansion Kit
- (1) FatNode™ Expansion Kit
- (1) Semi - Ruggedized Notebook Computer
- (1) Multi-Function Printer Kit
- (1) Digital Camera Kit
- (1) GPS Unit

TWEB Incident Area Command Center™ (TWEB-IACC™) Bundle

- (1) 9u Rugged Rack Case w/ slide out KVM
- (1) Mil Spec LAMPS Server
- (2) Mil Spec Windows 2003 Servers
- (1) VoIP PBX
 - (5) DID (Direct Inward Dial) 1-8XX VoIP Lines
 - (1) 60,000 minutes VoIP service
- (2) Desktop VoIP Expansion Kits (16 desktop phones)
- (2) TWEB VoIP Expansion Kits (8 wireless phones)
- (4) FatNode™ Wireless Routers II w/masts
- (1) 512 Kbps * 512 Kbps "Always On" VSAT Service for 12 Months
- (1) F4W Auto Deploy VSAT System
- (1) Energo Relay Enterprise Setup Kit
- (6) Energo Relay Enterprise Licenses
- (1) Energo Interoperability Software Kit
- (1) JPS ACU-M
- (4) JPS ARA-1
- (10) Semi-Rugged Laptops
- (15) Energo Tactica 2.0 10 License Bundles (150 licenses)
- (1) Rapidly Deployable Tent/Shelter System
 - (1) Portable Field Quite Generator
 - (1) Portable AC
 - (1) Projection System
 - (1) VoIP Fax/Copier/Printer Kit
 - (6) Folding Tables
 - (24) Folding Chairs
- (1) Utility Trailer, 8 feet long