



On-the-Go Interoperable
Multimedia Communications
Mutualink – Mobile Operations Fusion Kit (OFK) – Version 2.0

Simple | Sovereign | Secure

QUICK OVERVIEW

Connect Anywhere, Anytime with the most flexible and agile communications and interoperability "Go Kit" available.

- Opportunistically connects to multiple broadband connections, 3G/4G, Satellite, MANET, WiFi, Data Radios, MN-MiMo, Troposcatter, Microwave
- Bridge up to 4 different Radio Nets in the field
- Bridge telephone (SIP, VoIP, PSTN)
- Send and Receive Full Motion Video
- Send and Receive Files
- Send and Receive Text Messages

Rugged and Resilient

- Water Resistant Mil Std. Portable Case
- On-board Rechargeable Power Supply
- AC/DC power feeds – power from vehicles, generators, and other temporary power sources
- Solar Power Rechargeable

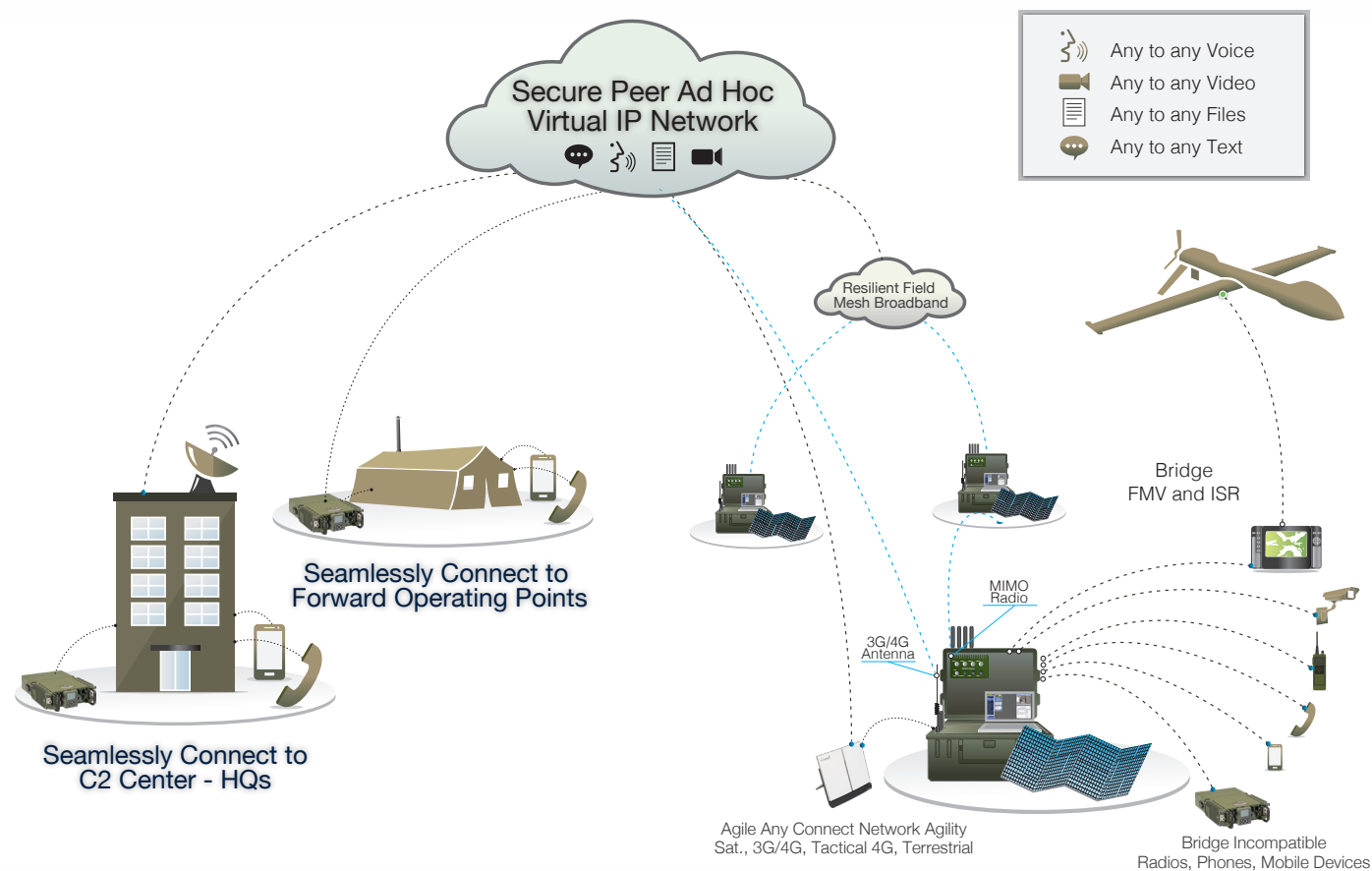
Built by and for Field Operators and Commanders

- Compact, Light and Power Efficient
- Waterproof Ports and Connectors
- Highly Secure – NIST FIPS 140-2 AES 256 Encryption, RSA Certificated Authentication
- Includes HD Micro-projector for Ad Hoc Ops Briefings
- IATA Compliant Transportable Power
- More than Tactical Interop – Seamlessly connects to remote C2 points
- Easy to Use – no in the field integration, plug and play with minimal user training

Extend Broadband in the Field up to 5 Miles

- Securely Encrypted License Free Broadband MiMo
- Range up to 5 Miles* non-line of sight
- 20+ Mbps of bandwidth
- Automatic Meshing

Best in Class Tactical Comms Agility. The OFK Kit is a best in class real time communications and media tactical capability resulting from real operator capability need input from the field. It has been successfully evaluated, tested and used by leading agencies throughout the world.





WHO CAN USE THE OFK

Any defense or emergency response agency or operator needing reliable, agile, on-demand interoperable communications and situational awareness in the field needs the powerful capabilities of the OFK. The OFK delivers instant field operations fusion capabilities by delivering coordinated voice, video and information sharing within organizations and with partners. If you need to communicate or share real time video and information to execute your mission, the OFK is for you. The OFK capability is ideal for:

- Special Operations
- Stabilization Operations
- Joint Forces & Coalition Partner Operations
- Humanitarian Assistance and Relief Missions
- Emergency Response and Rescue
- Force Protection
- Large Scale Event Security
- Rapid Response Teams
- FACs, JTACs, FSTs
- Civil Support and Reconstruction Teams
- Civil Affairs Teams
- Border Control and Interdiction
- Field Surveillance Operations
- Infrastructure Security and Protection

FIELD SENSOR & SYSTEM AWARE INTEGRATION

The OFK can even work with sensor, alarm and other in-field ISR systems to deliver true real time situational awareness and coordinated communications and sharing of critical information. The OFK can be integrated with any field device to create instant communications nets with partners and share surveillance video upon any trigger event. OFKs have been integrated with:

- Alarm Systems
- Trip Sensors
- Gun Shot Detection Systems
- Video Motion Detection Systems
- Access Control Systems
- CBRN Detection Warning Systems
- Field Robot Systems
- Field Launched UAV Systems
- Biomedical Monitoring Systems
- Broadcast Message Warning System



The Ultimate "Go Kit" - Ready for Any Field Deployment Contingency

The Mutualink OFK 2.0 Kit is the most versatile and capably designed and outfitted field communications kit available. Carefully designed with input from elite Special Forces, First Responder, and other Law Enforcement Agency customers, the OFK enables field personnel to communicate, share video and information, and reach back to command and control in the most hostile and austere power and communications environment with a turn of the switch.

Plug & Play and Easy to Use.

In times of crisis, quick and simple deployment and ease of use are essential. Communications and information sharing should be simple and the OFK is as simple as it gets. Just open the kit, plug into any available power source, turn it on, plug in radios and begin collaborating between fielded forces and C2 elements.

Agile Reach Back - Wide-area Multi-mode Connectivity.

Connect back beyond the field in real time to C2 points with intelligent, agile, and always ready connectivity options. Connect by Ethernet, any 3G/4G mobile broadband carrier, Wi-Fi, Satellite, Troposcatter, Microwave, or data radios. Configurable for bonding by simultaneously utilizing multiple connections or priority connection schemes.

Tactical Communications Interoperability & Beyond.

Connect and bridge up to four (4) different radio nets in the field. Connect virtually any radio being used on scene, to include analog and digital, conventional and trunked radios. Simply connect a radio and select the auto-configuration and it's ready to go. Capable of connecting civilian and military radios providing key bridging between defense and civilian agencies.

Versatile Power.

Takes both AC (110/240V) and DC (6-26V) power sources with power connection ports for both. On-board rechargeable battery power supply provides continuous operating back-up power for up to one hour. A special waterproof and grounded AC power connection strip is provided to permit powering of peripheral devices.

Best in Class Security.

Standard AES 256 military grade encryption with IP SEC tunneling. Security enhanced Linux operating system, and RSA 1048 bit encryption certificated authentication. Dual encrypted AES 256 tunneling configurable for highly sensitive communications.

- FIPS 140-2 routing device and Suite B enabled
- NATO BICES Approved
- US Defense Information Systems Agency Information Assurance certification for Unified Capability Radio Gateway
- Joint Interoperability Test Command Interoperability certification
- Available on US Department of Defense Approved Product List

Rugged Multimedia Field Operations Workstation.

The OFK is equipped with a best in class low power, light weight Mil. Std. 810G rugged multimedia portable laptop with microphone and speaker headset. Control, coordinate and bridge local communications nets on the fly. Bridge mobile and telephone assets on demand, and seamlessly connect with other field nodes and C2 points. Send and receive live video, and information files for enhanced situational awareness.

Extended Operational Field Capabilities.

Optional advanced MIMO broadband radio base stations allow multiple OFKs to be deployed in a self-configuring mesh network. Enjoy 20 Mbps + of broadband kit to kit up to distances of 2.5 miles or more, providing incredible in-field extended reach and coordination.

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