



Deployable MUOS Mini-Ground Station



Mighty MUOSe

Multiple Network Applications.

One Flexible Communications Solution.

When paired with your RF payload, the MUOS expander “**Mighty MUOSe**” eliminates coverage dead-zones and provides increased communications spot capacity.

Your organization can immediately offer a deployable MUOS Military WCDMA system supporting MUOS Mil-Std terminals.

The Mighty MUOSe offers flexibility, rapid deployment and quick connection to communication payloads in Unmanned Aerial Vehicles (UAV), High Altitude Platforms (HAP) or fixed tower platforms. This portable, durable and energy-efficient solution provides Radio Network Controller (RNC), Radio Base Station (RBS), Core Network (CN), Network Management and SIP functionality. It is the ideal cellular addition to military communications.

Product Highlights

- Rapid deployment, energy efficient operation
- Lightweight, portable, durable design
- Provides standalone, networked and backhaul configurations
- Supports up to 100 simultaneous calls
- Simultaneous Voice and Data
- System architecture enables small, low power handsets
- Compatible with MUOS Mil-Std certified terminals

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Features

Call Types Supported	Point-to-Point (PtP), Point-to-Net (PtN) & Netted communications
Data Rates Supported	2.4kbps, 9.6kbps, 32kbps, 64kbps & 384kbps
RF Range	250 MHz to 3 GHz
No. of Beam Carriers	3
Control and Interface	GUI on external laptop
Power	120 VAC
Operating Temperature	+10° to +50°C
Dimensions	12"w x 9"d x 6"h
Weight	20 lbs
Connectors	4-female RF SMA, 1-female GPS SMA, 1-RJ45, 1-USB & 1-female Clock Reference SMA
Options	Input for I&Q baseband, Payload Packaging, DC Power
Case	Lightweight, rugged, waterproof with grip handle

