



# The Sales Group MANUFACTURERS REPRESENTATIVES

## WIRELESS NEWS

### Upcoming Events

**ID APCO-NENA Spring Conference and MCC Rally** in Meridian, ID  
May 22-23

**APCO International Conference and Show**  
August 5-8, Las Vegas

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Carrier Class White Space Radios in VHF & UHF

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all your radio system installation needs

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Tactical Satellite Communications Kits. Stay Always connected.

**Richcom LMR** **4**

Batteries and Charging Solutions

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Pacific Northwest & Hawaii

## TSG Announces Etherstack Representation



### SFFR-6 Tactical Repeater

- Portable P25 repeater
- Self powered
- Fully IP networkable
- SatCom, 3G/4G, IP, V.24 options
- Integrated hot swap batteries
- AC & DC input and charger
- Integrated smart diplexor
- IP67 rated
- Best in Class



### Overview

Etherstack's P25 tactical repeater for rapid deployment can operate in standalone or network modes.

The SFFR-6 is a highly portable digital P25 (and analog capable) repeater that can be rapidly deployed to provide instant local or networked radio communication solutions.

Nicknamed the "GoBox", the SFFR-6 is about the size of a lunch box and weighs in at just 19 lbs (9 Kgs) *including batteries fitted*.

Designed to meet IP67 standards, the GoBox can withstand the harshest operating environments.

Capable of delivering between 1W and 15W of output power (after the duplexer), the GoBox can run for over 10 hours at a 20% transmit duty cycle at max power using its internal battery source or powered indefinitely from an AC or DC power source.

When powered by either AC or DC supplies, the GoBox also acts as a 2 bay battery charger eliminating the need to carry separate battery charging devices.

The GoBox comes standard with a high performance internal and interchangeable duplexer as standard.

### Network via ISSI, CSSI, DFSI, V.24

#### Key Features

- Fully TIA TR.8 APCO P25 Compliant
- VHF 136 - 174 MHz, or UHF 380 - 520 MHz
- 1W - 15W software programmable output power
- Remote WiFi router style web user interface
- Full AES & DES encryption support
- OTAR support via DFSI or V.24 options
- AC/DC "anything": 90 - 250VAC, 9 - 24VDC
- Hot swap batteries
- In-built ethernet adaptor, for 3G/4G, SatCom
- Lightweight, lunchbox sized, IP67 operational casing

Using smart sense technology, the GoBox can recognize and reconfigure itself without any user intervention on duplexer installation.

The GoBox supports up to 50 operational profiles and programming is accomplished using an Ethernet cable and a web browser eliminating the need for specialized programming cables and software.

The GoBox can also seamlessly interface to other networked communications infrastructure via ISSI, DFSI and other GoBox's using its built in Ethernet port.

The GoBox is used by federal policing agencies and defence organisations around the globe.



# MSC Raptor XR Carrier-Class White Space Radio



Full-Duplex RaptorXR VHF and UHF Broadband Digital White Space Radio Systems Provide Reliable, Long-Range High-Speed Wide-Area Infrastructure Backbone Network Connectivity.

The RaptorXR wireless network technology provides the network designer, operator and service provider six major performance advantages providing superior reach, reliability, and capability over conventional LTE/4G, microwave and satellite terrestrial solutions.

## TV Band White Space Spectrum Advantage



Operation in the VHF and UHF bands, provides:

- Up to 10 times the range, coverage and penetration within indoors and in rural settings compared to WiFi or WiMax
- Superior RF reach and coverage in non-line of sight and forested areas
- Spectrum Agility and OFDM waveform capability increases throughput and avoids on-air interference
- Scalable payload capacity to respond to coverage and capacity demands
- RaptorXR's patented Spectrum Management Engine

Automatically scans, qualifies, and selects the best operating channels, assuring optimum performance.

**For more information:** <http://www.metricsystems.com/products/raptorxr-domestic/>

## Wireless Supply for your Radio install needs

Higher Standards—Superior Quality—Better Pricing

Products they carry are:

Antennas

Installation Supplies and Tools

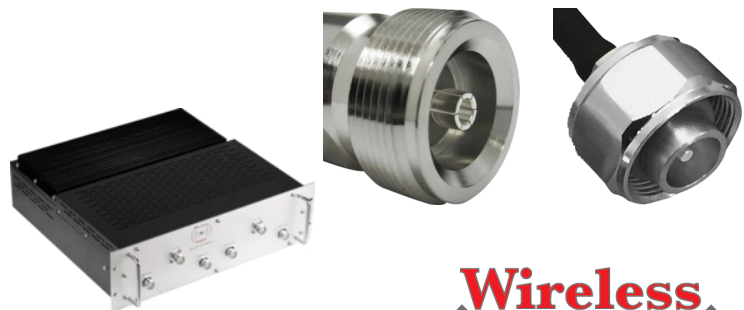
Low PIM Jumper Assemblies

Passive Devices

RF Cable

RF Connectors & Adapters

Fiber and Fiber Accessories



View their web site to see all available products

[www.wirelessupply.com](http://www.wirelessupply.com)



Higher Standards. Superior Quality.

# MobileStrong Secure Storage

## Secure Storage for Critical Gear



When you make a living responding to the unexpected, you need to be equipped to handle anything, anywhere. MobileStrong Secure Storage solutions make it easy to organize and access critical gear for rapid response.

Highly compatible with common public safety vehicles like the Ford Interceptor and Chevy Tahoe, these smartly designed systems feature weatherproof, lockable sliding drawers with custom foam interiors specifically designed to keep weapons and emergency equipment secure and at the ready.

A durable outer casing constructed of our toughest phenolic composite or 100% recyclable high-density polyethylene ensures tactical gear stays protected under harsh work conditions. MobileStrong drawer systems, mobile command centers and accessories are designed to fit most police, fire and rescue, EMS or military SUVs, trucks or vans—making them the first choice for first responders.



Use the [MiY HDP Designer Tool](#) to enter your measurements, choose your accessories and calculate the cost of your very own model.

[www.mobilestrong.net](http://www.mobilestrong.net)



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## AdaptConn Portable Satellite Communications

Today, we take for granted our ability to connect and communicate with other people or organizations. The choices from **land line phones, smartphones, IPADS, tablets, or computer**, are endless. We never consider what our life or our ability to handle our responsibilities would be like without the ability to communicate.

BGAN services from Inmarsat along with BGAN equipment offer portable, light weight, easy to use and deploy satellite systems. The equipment come in various configurations smaller units can support one or two users while larger systems can operate effectively with up to 5 users. The systems enable the user to access the internet and make satellite calls from most any location under any circumstance.

BGAN equipment units either operate "on the halt" or "on the move". On the halt systems can manage from 1 to 5 users for internet access and satellite phone. On the move systems connect to the internet and have phone capability while traveling up to 70 MPH, and allow up to 5 users effectively.

**AdaptConn packages the BGAN equipment in Tactical Kits that include:**

- Custom designed military grade weatherproof case with secure laptop computer storage
- Alternative power supply AC or DC and spare system battery
- POTS phones for satellite phone calls
- All cables and connectors for usage



WiFi capability (If not standard with the BGAN unit)

[www.adaptconn.com](http://www.adaptconn.com)

## We now represent Richcom Batteries

Richcom Power LLC is a world-leading design and manufacturing company of rechargeable batteries and chargers for OEM/ODM customers and global end-users. Our mission is to become your "Trusted Partner" by providing innovative solutions, exceptional performance, quality, service and value, utilizing our ISO9001-certified and OEM-approved manufacturing facility for your portable power needs. They offer LMR batteries for **EADS, Harris, HYT, ICOM, Kenwood, Motorola, Sepura, and Vertex.**

They also offer batteries for many other portable devices. Please see their web site for product offerings at: [www.richcompower.com](http://www.richcompower.com)

