



Motorola Deployable Solutions

Fully integrated site solution on wheels for rapid response to additional capacity, additional coverage, or disaster recovery.



> *Rapid Response*



Advanced planning, preparation, and equipping your public safety first responders with the right tools are essential to enabling them to respond quickly to any situation.

While your existing network may fulfill the need for day-to-day, mission critical two-way radio communications, sometimes life throws you a curve. A special event could leave you facing the need to supplement your network with additional capacity. An emergency search and rescue mission could require additional coverage. Or a natural disaster that knocked out a tower could leave you with the need for site-specific coverage until restoration can be performed. Even routine maintenance can sometimes disrupt communications.

TAILORED, TESTED, AND READY TO ROLL



Additional Capacity

When more than 70,000 football fans flocked to south Florida on February 1, 2007 to attend Super Bowl XLI at Dolphin Stadium, Dade County police turned to a Motorola deployable solution to back up their existing communications system and quickly provide additional capacity for extra traffic and crowd control.



Greater Coverage

Conducting a search and rescue operation or apprehending a suspect in a remote area often requires additional coverage. Motorola deployable solutions can be towed behind a $\frac{3}{4}$ ton dual wheel pickup truck or air-lifted by helicopter to remote locations to provide public safety responders with full communications capabilities in a low capacity or remote location.



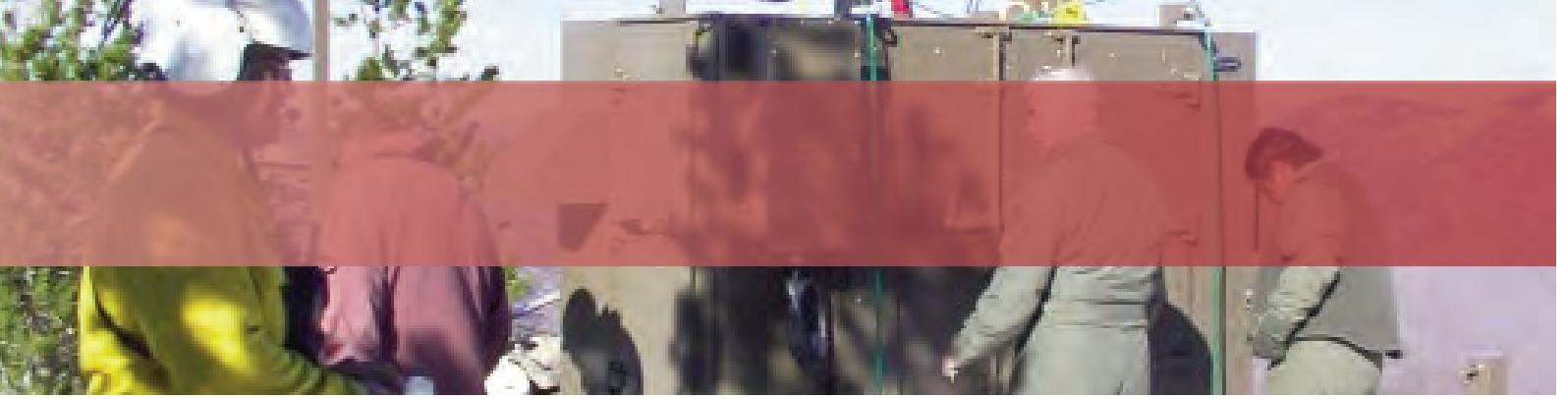
Disaster Recovery

Shortly after Hurricane Katrina left behind a devastated Gulf Coast and downed antenna towers in late August, 2005, Motorola Site on Wheels emergency communication trailers and generators were set up on the Huey P. Long Bridge in Jefferson Parish. Communications were restored and Louisiana State Police could once again support first responders in their recovery efforts.



Major Site Upgrade or Maintenance

In order to keep networks running optimally, network operators must perform continuous routine maintenance on remote sites, such as upgrading software, cleaning connections, and/or inspecting the power distribution system. Often this requires the operator to power down components for up to several days. A Site on Wheels can temporarily replace the operation of the permanent equipment to ensure that no loss of network availability, capacity or performance occurs.



Designed for rapid response in mission-critical public safety applications, Motorola's Vital Response deployable and interoperable response solutions can tie together disparate agency systems, provide extra support for special events, run specialized applications or provide back-up support to primary systems in the event of an emergency. Together, they comprise a vital part of Motorola's extensive portfolio of public safety and security solutions for mission-critical integrated communications, information management, regional coordination and incident command. With systems designed to fit your need, Motorola's key deployable and interoperable offerings include:

RF SITE ON WHEELS

The fully integrated RF site solution is used for rapid response to mission-critical networks and includes a shelter, antenna, generator, trailer, and the Motorola radio equipment fully integrated and ready to use. RF Site on Wheels is available in trunked, conventional, or analog-only, in any frequency band, and in multiple configurations. Quick to deploy, one person can set up and integrate into the existing network in approximately 30 minutes with patent technology in RF shielding and grounding methods offering optimal installation and performance. Units vary in antenna height and shelter rack space, depending on the site solution capacity and coverage needs with antenna masts that are either electronically or hydraulically operated with varying heights for optimal coverage. The self-contained RF Site on Wheels also includes a diesel fuel tank with enough reserves to operate continuously for four to five days without refueling.

BACKHAUL ON WHEELS

The fully integrated backhaul site solution on wheels is used for rapid response to sites that need backhaul re-connectivity. This unit includes a shelter, generator, trailer, and the backhaul equipment fully integrated and ready to use. Backhaul solutions can be both wire-line and wireless, ranging from microwave solutions to T1 interconnections.

MASTER SITE ON WHEELS

Our Master Site on Wheels is an ASTRO® 25 Integrated Voice and Data trunking system that utilizes the ARC 4000 in an integrated outdoor cabinet on wheels. The Master Site on Wheels can be used to deploy a standalone ASTRO 25 system during special events, disaster, terrorist acts or routine maintenance. This system will support up to 12 RF sites, as well as dispatch operation, Telephone Interconnect and HPD. The ARC 4000 Master Site provides all of the key voice, data, and system features needed to support a deployable trunking system and has a compact, versatile design which makes efficient use of expensive site space.





A UNIQUE SOLUTION FOR YOUR UNIQUE ENVIRONMENT

Motorola RF Site on Wheels deployable solutions uniquely fit your need for dependable, temporary augmentation of your existing network or for rapid recovery from catastrophic failure.

- **Pre-configured, pre-built, pre-tested** – Each customer environment is different and Motorola designs the right solution to meet your specific network architecture needs.
- **Fully integrated RF site** – Includes the shelter, antenna, Motorola radio equipment, trailer, backhaul and generator with fuel for continuous, self-contained usage for up to seven days without refueling (depending on configuration).
- **Easy to transport** – The system can be transported to the site either by land (F350 truck) or air drop-in (helicopter lift).
- **Quick to deploy** – In less than 30 minutes, one person can completely setup and integrate the system into existing Motorola Radio Networks.
- **Electrically or hydraulically operated masts** – Variable heights of 65, 85 and 100 feet provide optimal coverage.
- **Un-guyed tower** – Raised and lowered either electrically or hydraulically, the tower is stable and meets TIA/EIA specifications for standard antenna arrangement.
- **Safety and stability** – Leveling jacks and 4-wheel electronic brakes add safety and stability and is self-grounded with deployment of downriggers.



PREPARATION IS CRITICAL AND MOTOROLA CAN HELP

The world we live in is changing and preparation is critical. Whether it's adding capacity to cover a sporting or entertainment event, ensuring greater coverage for emergencies, or quickly replacing downed communications due to a disaster, how fast you can respond will determine the success or failure of your public safety first responders.

Motorola's deployable solution is cost effective, dependable, reliable, and addresses your need for additional communication power for these temporary situations.

But picking the right deployable solution for you requires planning and expertise. Motorola's public safety two-way radio communication experts will work closely with you to understand your environment, the area you need to cover, the tower height that will give you optimal coverage, and numerous other ancillary factors to customize the best solution that fits your needs.

Why Motorola?

With over 65 years of working closely with the public safety industry, Motorola is a solutions provider that understands what mission critical is all about—protecting the lives and well-being of your employees so they can better serve the citizens they protect. That's why Motorola is recognized as the leading provider of interoperable communication systems for public safety, first responders and government agencies. Our experience, along with our skills, people, partnerships and alliances, allow us to build innovative, fully integrated technologies that let organizations like yours share vital information with ease and confidence. We've been doing it for over 65 years and we'll be standing by our customers for years to come.



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