



DATAPATH | Broadband On-the-Move SATCOM System™ (BOSS)

CONTINUOUS MOBILE COMMUNICATIONS SOLUTIONS

Enable broadband communications on-the-move for military and emergency first responders

When connectivity matters most, DataPath delivers with mobile solutions that extend your communications networks and the reach of warfighters and emergency first responders. The DataPath BOSS delivers adaptive force packaging options for continuous, transparent broadband communications on-the-move (COTM) and communications on-the-pause (COTP) in extreme operational environments.

The system's rugged, compact design is modular, enabling quick and easy movement to various mobile platforms as operational needs demand. Combined with modular technology and intuitive management software, the innovative, customizable system enables the DataPath BOSS to dramatically expand communications options.

At a Glance:

Broadband On-the-Move SATCOM System (BOSS)

- Low-profile COTM antenna that can be quickly and easily moved from one vehicle to another
- Two modes of communications: COTM and COTP
- Flexible technology and interoperable options
- Easy to use, set up, configure, monitor and maintain
- Rugged, compact, portable design



Key Features and Benefits

Easy to Use / Easy to Set Up

The DataPath BOSS is specifically designed for easy use, setup, configuration, monitoring and maintain. Low management “one-touch-on” capability simplifies setup procedures. Much of the system auto-configures to reduce the repetitive configuration of individual components.

Two Modes of SATCOM Connection

The ability to use either the communications on-the-move (COTM) or communications on-the-pause (COTP) technology allows the flexibility to adapt to changing conditions and locations.

Low Profile, Compact COTM Antenna

At less than six inches high, the low-profile antenna reduces aerodynamic drag, minimizing any negative effects on mileage and speed. Reliable and rugged, yet weighing just 64 pounds, the antenna enhances flexibility and does not require structural reinforcement of the vehicle for support.

Technology Flexibility

Designed to work with a broad array of communications options, the DataPath BOSS is configured for satellite and terrestrial WANs and LANs, existing infrastructure such as land-mobile radio and newer options, including WiFi phones and WiFi secure mesh networks.

System Configuration Options

The DataPath BOSS has a modular design and management software that allows complete system customization tailored to your communications requirements. Your choice of any or all communications options provides optimal value and size capability trade offs.

For more information about DataPath solutions, visit us online at www.datapath.com or contact us at info@datapath.com.

BOSS Vehicle Equipment Compliment

- Low-profile SATCOM COTM antenna
- Quick-deploy, auto-acquire, COTP antenna
- FDMA SATCOM modem
- TDMA SATCOM modem
- Cellular modem (backup for the satellite link)
- Cisco® router
- IP Accelerator (PEP) performance enhancing proxy
- WiFi mesh access point
- UHF land-mobile radio with IP-network interface
- Two Toughbook® laptops
- Video teleconference camera
- Bluetooth® headsets and microphones
- GPS mapping
- Roof-mounted surveillance camera
- IP and analog telephone connectivity
- Integrated RF spectrum analyzer

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 Toughbook is a registered trademark of Panasonic Computer Solutions Company.
 Bluetooth is a registered trademark of Motorola, Inc.



DataPath has expanded our COTM solutions to include seaborne applications through SWE-DISH's COTM prototype which is capable of maintaining continuous communications at speeds up to 40 knots.