



Integrated Tactical Cellular Communications Solution

ESTABLISH SECURE, MOBILE BROADBAND COMMUNICATIONS IN AREAS WITH LIMITED OR NO COMMUNICATIONS INFRASTRUCTURE

Adapting commercial wireless technologies for tactical and emergency response environments

Today, military and first responder units typically rely on land mobile radio (LMR) communications while in remote locations. LMRs fill a critical short-range communications need for voice, video and data capabilities. However, integrating tactical cellular communications solutions into the existing LMR infrastructure dramatically expands and enhances the functionality, range and security of this capability.

The Integrated Tactical Cellular Communications Solution (ITCCS) from DataPath and QUALCOMM® delivers secure, mobile broadband communications in demanding operational environments where limited or no communications infrastructure exists. The solution enables users to transmit voice, video and data within a 15 kilometer radius (typical) via cell phone, laptop or PDA, providing real-time communications to enhance situational awareness.

A Powerful Product Extension

Leveraging industry-leading technology from QUALCOMM, a proven cellular communications leader, DataPath now provides customers with a powerful product extension. The field-proven system allows users to leverage commercial wireless technologies to dramatically extend communications capabilities where and when they are needed most.

The QUALCOMM Deployable Base Station (QDBS) system integrates into the middle bay of DataPath's proven Satellite Transportable Terminal (STT). STTs have been deployed in support of the U.S military on the battlefield and federal, state and local government agencies for natural disaster response. The QDBS system is modular, compact and designed to plug and play with DataPath systems, enabling rapid movement to various mobile platforms as operational needs demand.

At a Glance:

Integrated Tactical Cellular Communications Solution (ITCCS)

- Secure, mobile broadband communications for up to 150 users
- Plug-and-play solution for both new and existing SATCOM terminals
- Capable of interfacing with commercial or private networks or as a stand-alone solution
- Field-proven cellular and SATCOM solutions
- Easy to use, set up, configure and monitor



QUALCOMM Deployable Base Station (QDBS) integrated into the middle bay of STT #623 at DataPath's integration and production facility in Duluth, Ga.



QUALCOMM is registered trademark of QUALCOMM Incorporated.

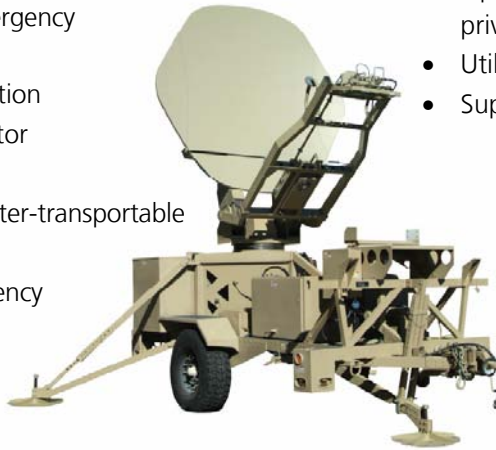


A DataPath Earth Terminal + A QUALCOMM Deployable Base Station = One Powerful Communications Solution

DataPath Satellite Transportable Terminal (STT)

Designed for sustained and reliable field operation, DataPath's trailer-based terminal, referred to by the U.S. Army as the AN/TSC-167, delivers secure, robust SATCOM on-the-quick-halt communications to forward-operating warfighters as well as emergency first responders. More than 800 DataPath STTs have been deployed for the U.S. Army's Joint Network Node (JNN) program, comprising the largest ever IP-based SATCOM network established for the battlefield. These terminals also have been deployed during the Hurricane Katrina relief effort and by the Georgia Emergency Management Agency.

- Automatic satellite acquisition
- On-board back-up generator
- 2.4 M antenna
- HMMWV-towable, helicopter-transportable
- Munson Road tested
- Various modem and frequency combinations available



DataPath VSAT Fly-Away Terminal

Designed for mobility and portability, DataPath VSAT Fly-Away terminals deliver secure, robust SATCOM communications in remote areas that are inaccessible by larger mobile terminals or from locations where no infrastructure exists. These terminals have been deployed extensively for the U.S. Marine Corps SWAN program, and were used in the Hurricane Katrina relief effort.

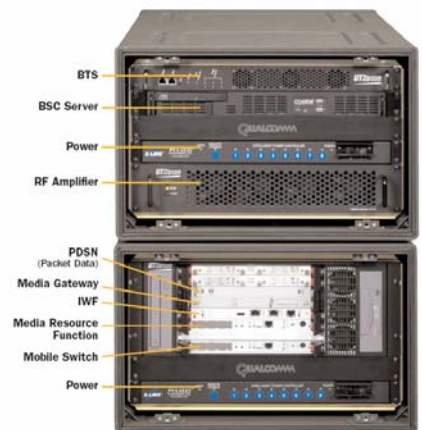
- Compact, portable and lightweight
- Automatic satellite acquisition
- Various modem and frequency combinations available



QUALCOMM Deployable Base Station (QDBS 800/1900)

The QDBS provides secure, reliable and responsive mobile communications technology. The system is compact, easy to operate and easy to deploy, enabling mobile clear/secure, voice and data capabilities.

- Mobile Code Division Multiple Access (CDMA) cellular solution with flexible vehicle-mounted or transit case configurations
- Supports pico-cells and macro-cells for varying coverage area and capacity
- Operates stand-alone or interfaces to commercial or private networks (DSN)
- Utilizes all-IP interconnectivity between components
- Supports QSec[®]-2700 Type-1 certified phones



QUALCOMM Secure CDMA Wireless Handset (QSec-2700)

The QSec-2700 is a wireless handset that provides NSA-Certified, Type 1 secure voice communications and secure data connectivity. Operating over 800 MHz and 1900 MHz CDMA commercial wireless networks, the QSec-2700 handset looks, feels and functions like a feature-rich commercial wireless handset.

- Fully-integrated, multi-band
- End-to-end voice and data security
- Interoperable with FNBDT/SCIP compliant devices
- Type 1 VOIP certified



Integrated Tactical Cellular Communications Solution

Bridging the Mobile Communications Gap

To date, LMRs have been the primary communications devices for troops and first responders in remote operational areas. In an environment where security and authentication are critical, these push-to-talk (PTT) radios provide very limited control over the privacy and clarity of conversations.

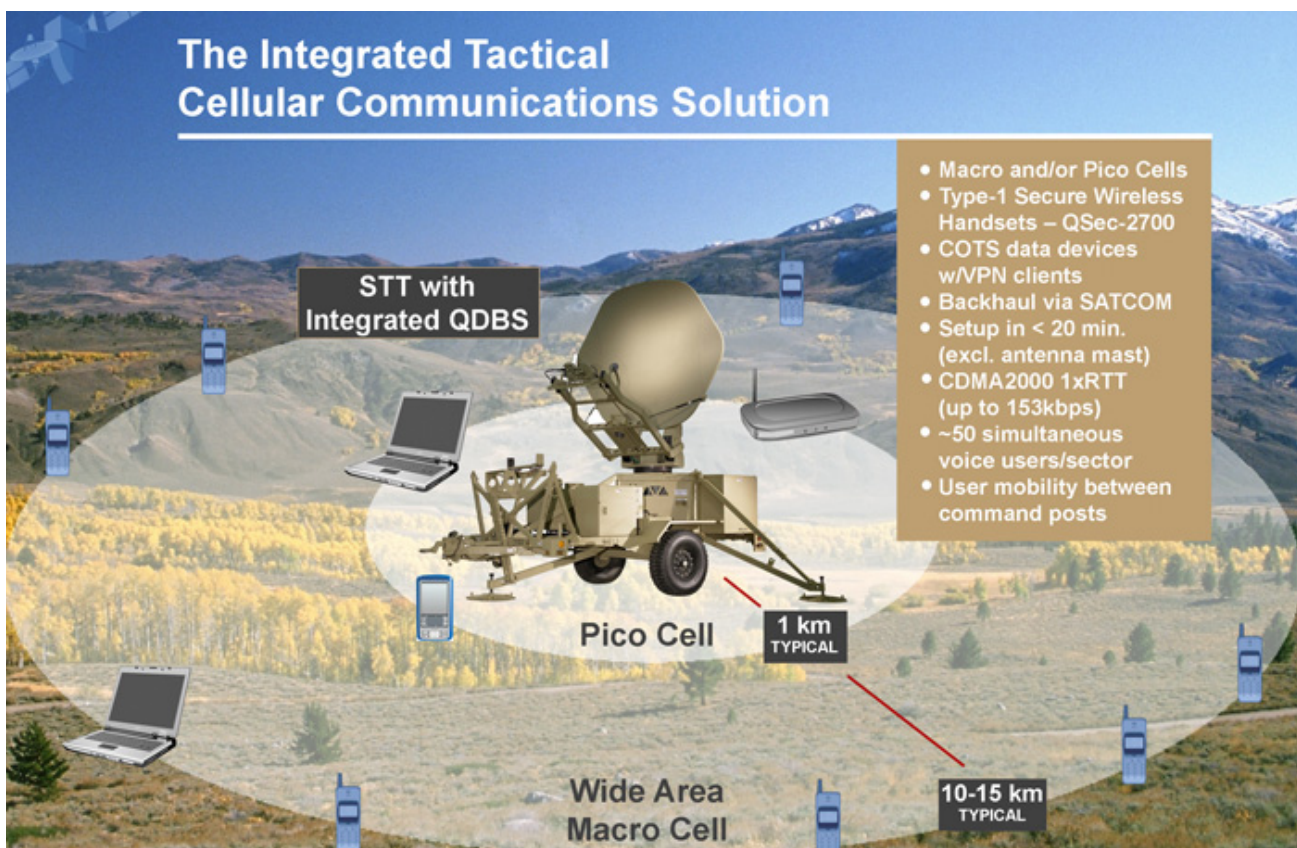
The ITCCS overcomes these challenges and delivers secure, mobile broadband communications in real time, just like a typical cell phone. A leap beyond traditional PTT communications, the solution provides the controlled, private exchange of voice, video and data to CDMA cell phones, PDAs and laptop computers. The solution provides extended communications of up to a 15 kilometer radius.

By integrating with existing LMR systems, the ITCCS leverages current investments and provides a seamless path forward as technology continues to evolve.

Multiple overlapping systems installed in the field can provide a seamless grid of communications as users move from one command post to another. The integration with a mobile SATCOM terminal enables this local network of approximately 50 simultaneous users to link via a high-bandwidth connection to others beyond the line of sight.

Advanced Features and Functionality

- Short Message Services (SMS) from either phone-to-phone or as broadcast alerts from an ops center
- Position Location Service to track users, displayed on a common operating picture (COP)
- LMR and legacy radio interoperability with deployable cell phones
- Service-Oriented Network Architecture (SONA) applications supported by network-centric operations
- Upgrade path to CDMA2000 EV-DO high data rates up to 3.1 Mbps download speeds to mobile handsets and data cards at cellular ranges



A Field-Proven Solution in Support of Hurricane Katrina Relief Efforts

On August 29, 2005 Hurricane Katrina devastated America's Gulf Coast, laying waste to entire counties and parishes. With the communications infrastructure completely destroyed, the U.S. Army, coordinating with Joint Task Force-Katrina, needed to restore communications for military and civilian first responders. DataPath quickly deployed DataPath STTs and fly-aways along with 14 engineers to establish a portable communications network to help restore critical communications that enabled rescue and recovery operations.

Simultaneously, QUALCOMM deployed several QDBS deployable cell systems to support FEMA and USNORTHCOM's relief and recovery efforts. The QUALCOMM engineers and DataPath engineers had never integrated their communications systems before, but in the face of this disaster scenario, they used the satellite terminals to make successful voice and data calls from the deployed cell phones in a very short time. LMR bridging units were also integrated to allow interoperability with first responders and relief workers. STTs and base stations were quickly deployed to several parishes where communications were urgently needed.

This DataPath - QUALCOMM partnership has since evolved to leverage the best-of-breed technologies and services between the two companies to benefit military, disaster and homeland security needs.



DataPath's Quality Service Offerings

DataPath offers a comprehensive suite of service solutions that allow you to maintain, monitor and service your communications networks. Services include Training and Documentation Services, Information Assurance Services, Network Operations Center (NOC) and Field Support.

About DataPath

DataPath is a global leader in creating satellite-based network solutions that solve customers' toughest communications challenges. We specialize in enabling highly complex, video-intensive communications networks that are critical to the operations of military, civilian government and commercial organizations. Even in the most urgent time frames and extreme conditions, we establish and maintain communications anywhere and deliver total network control through our communications solutions, MaxView® network control software and comprehensive services. SWE-DISH Satellite Systems AB, a Stockholm-based, global leader in the design and manufacture of mobile satellite communications systems, is a wholly owned subsidiary. DataPath is headquartered in Duluth, Ga., U.S.A and operates via more than two dozen offices and distributor locations around the world. For more information, visit www.datapath.com or call 866-855-3800.

About QUALCOMM

Founded in 1985 and headquartered in San Diego, CA, QUALCOMM Incorporated is a leader in developing and delivering innovative digital wireless communications products and services based on CDMA and other advanced technologies. QUALCOMM Government Technologies (QGOV) develops, adapts and modifies QUALCOMM commercial products to provide specialized capabilities for the government that enables interoperable secure communications anywhere and anytime. For more information, visit www.qualcomm.com/qgov/ or call toll free at 877-461-4411.