

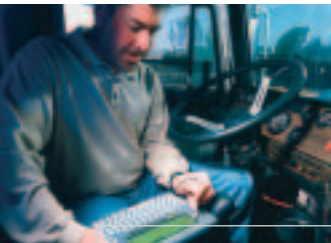


# SOLUTIONS

## ◆◆◆ Homeland Security

### Keep Valuable Cargo and Personnel Secure with Wireless Solutions

Valuable and high-risk shipments require an increased level of security during transit because that's when cargo becomes more vulnerable. QUALCOMM's wireless solutions for the trucking industry enable transportation and logistics companies to monitor progress, help react to security incidents, and stay connected until cargo safely reaches its destination.



Stay connected with drivers for increased security

"Ensuring supply chain security and preventing cargo theft is more important than ever before at Bose. Not only do we depend on QUALCOMM's solutions for operational efficiency and in-transit visibility, but we're leveraging our technology investment to address these security concerns."

Paul Tagliamonte, Bose

#### Available Features

- ▶ Vehicle tracking and street-level mapping
- ▶ Secure messaging
- ▶ Panic button alerts
- ▶ Tamper detection
- ▶ Geo-fence alerts for untethered trailer tracking
- ▶ Automated arrival and departure notification
- ▶ Driver authentication
- ▶ Vehicle Immobilization Device (VID)

#### Benefits

- ▶ Improves load security for shippers and carriers
- ▶ Can reduce risks with greater event visibility
- ▶ Allows dispatchers to respond quickly to security situations
- ▶ Rapidly and automatically provides information to authorized third parties



## Track Vehicles and Cargo

QUALCOMM's security solutions offer satellite tracking, secure satellite messaging, and untethered trailer monitoring. With easy integration into your back-office software applications, these solutions can help address your security needs.

The mobile satellite messaging and tracking system provides coverage for users to monitor the locations of vehicles and cargo throughout the US, Canada, and Mexico. Position reports are sent on a regularly scheduled basis, but can also be customized for specific customer needs. Safety and accuracy can be enhanced by adding automatic tracking of arrival and departure times from pick-up and drop-off locations.

Easy-to-use, two-way satellite messaging conveys essential text-based operational data and enables drivers to send and receive special bulletins without leaving the safety of the cab. For emergencies, additional wired and wireless panic buttons are available to transmit top-priority alerts. Other options include driver authentication, remote vehicle shutdown, and vehicle disablement, which can increase driver safety and cargo security.

The cellular untethered trailer monitoring system uses 3G CDMA digital technology and analog service as a backup to safeguard against service interruptions. This reinforces the reliability of sending and receiving automatic alerts regarding trailer door openings and closings, the presence or absence of cargo, and the movement of trailers in or out of a defined geo-fence boundary—a virtual boundary based upon a pre-established geographic area.

## Reliable and Secure Communications

QUALCOMM's solutions use proprietary technology to ensure reliable and secure messaging to and from the driver using our Network Operations Centers (NOCs). To help prevent service interruptions and assure message delivery, QUALCOMM has a fully redundant NOC in addition to the primary NOC. Backup satellite transponders provide further redundancy in the event of a transponder or satellite failure. QUALCOMM also offers its mobile data interchange (MDI) technology which allows you to share data with authorized parties such as shippers, incident-response services, or public safety agencies.

## OmniTRACS® Mobile Communications Solution

The OmniTRACS solution provides wireless satellite positioning and data communication services for vehicle fleets, dispatchers, and drivers.

## T2™ Untethered TrailerTRACS® Asset Management Solution

The T2 Untethered TrailerTRACS solution can boost workforce and asset productivity while helping enhance the security of untethered trailers that have high-value and/or high-risk cargo.

### The QUALCOMM Difference

As one of the world's largest mobile data providers, QUALCOMM offers products and services that have revolutionized the transportation and logistics industry with more than 500,000 mobile units shipped worldwide. Processing over 9 million data transactions daily, our world-class Network Operations Centers (NOCs) are staffed by trained professionals 24 hours a day/365 days a year. Over 2,000 fleets within the NAFTA region rely on QUALCOMM solutions, including 34 of the top 40 truckload fleets, 6 of the top 7 tank truck fleets, and all of the commercial munitions carriers hauling for the Department of Defense.

### For more information

Visit [www.qualcomm.com/qwbs](http://www.qualcomm.com/qwbs) or call us at 1-800-348-7227.



WIRELESS SOLUTIONS BY QUALCOMM

