



**PCTEL – PERFORMANCE CRITICAL**

## Fleet Management Antennas



### **PCTEL Offers**

- Complete portfolio of antenna, cabling, and accessory products for specialized fleet management applications
- In-house antenna design with testing facilities in the United States and Asia
- RF optimization services for multi-band cellular and Wi-Fi installations
- Global channel reach with sales locations around the world

### **Why Choose PCTEL**

- Reputation for leadership in antenna technology for public safety and fleet management applications
- Preferred vendor status among the leading global original equipment manufacturers of Wi-Fi and cellular routing equipment
- Global manufacturing with locations in the United States and Asia

# PCTEL - ANTENNA SOLUTIONS FOR FLEET MANAGEMENT

## Our Optimization Services

- Antenna system design for multiple co-located radio configurations
- Evaluation of installation and environmental challenges
- Development of detailed platform model for electro-magnetic (EM) simulation
- Layout design to maximum antenna performance while mitigating interference
- System level design verification and analysis
- On-platform test and measurement validation

## Antenna Platforms

### TROOPER™

- Excellent for public safety and IoT M2M fixed applications
- Dual 4G LTE with up to three Wi-Fi ports
- GPS/GLONASS with PCTEL proprietary high rejection technology
- White or black housing options
- Compact footprint, low-profile housing

### COACH™

- Ideal for mass transit and motor coach installations
- Dual 4G LTE with up to three Wi-Fi ports
- GPS/GLONASS with PCTEL proprietary high rejection technology
- White or black housing options
- Permanent stud or magnetic mount options
- 5-inch built-in ground plane

### RHINO™

- Strengthened construction for high impact installations
- Ideal for light rail, mining, agriculture, and defense
- Dual 4G LTE with outstanding port-to-port isolation
- GPS/GLONASS with PCTEL proprietary high rejection technology

### MEDALLION™

- Attractive low-profile design
- GPS, 3G cellular and dual Wi-Fi operation
- Rugged construction

### MAX-MATICS™ GPS PLUS

- Versatile base with built-in NMO mount for PCTEL mobile antenna installation
- GPS/GLONASS or GPS with PCTEL proprietary high rejection technology
- Low-profile, small footprint design

### MAX-MATICS™ GPSGSM

- Very low-profile housing
- Combined cellular and GPS antenna solutions
- Permanent or magnetic mount options



Courtesy of Los Angeles Sheriff's Dept

