

# Geospatial Technologies

## Real-time Mobile Asset Tracking

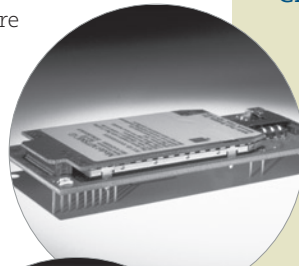
In a fast-paced world where changes in technology are the norm, GeoSpatial Technologies® Inc. (GST) remains a stable and innovative R&D powerhouse that develops location-based technologies, incorporating Geographic Information Systems (GIS), GPS, and Multi-Tech's wireless communications technology into the public safety and school transportation markets. The core technology platforms are designed to be embedded in vehicles providing real-time mobile asset tracking with dynamic communication and viewing capacities.

GeoSpatial's GST Tracker® provides real-time 24/7 tracking of fleets such as police patrol vehicles, fire and rescue vehicles, public works vehicles and school buses. The patented GST Tracker combines the latest technologies of GIS, GPS, and wireless communications to centralize vehicle registration and hardware configuration, empower dispatchers with real-time vehicle information and locations, allowing them to automatically reroute vehicles as needed.

The solution utilizes both Multi-Tech's external and embedded wireless modems, depending on application, to make the communication link. The MultiModem® external wireless modems offer ready-to-deploy, carrier-approved GPRS or CDMA wireless connectivity. They are available with a broad range of interface options including RS-232, USB, and Ethernet. The SocketModem® embedded wireless modules provide GPRS or CDMA wireless connectivity. These quick-to-market, carrier-approved, modules allow developers to add wireless communication to products with a minimum of development time and expense.

"Multi-Tech came to bat and performed," said John Lim, CEO of GST. "Our latest Interoperability Tracking Solutions utilize open APIs with major data communication protocols and CAD systems. Mobile assets that are tracked in real-time, including Nextel handsets, Blackberry handsets, thin-client PDA's, and vehicle hard-mount devices, can be viewed either on a nationwide map or local detailed street map with multiple data layers, that are important to first responders and public safety agencies."

Multi-Tech also delivered on its goal to provide a positive customer experience as the customer develops and brings to market a product that includes our technology. "It has been our experience that Multi-Tech cares about its customers," explains Wilbur Hu, Vice President of Operations at GST. "When Multi-Tech's National Sales Manager worked very late on a Friday night to resolve a situation that assisted GST in making an on-time delivery to one of its major customers, GST knew this company was very special."



## MultiModem CDMA and MultiModem GPRS

- CDMA2000 1xRTT or GPRS Class 10
- Packet-switched data rates up to 85.6K bps (CDMA) or 153.6K bps (GPRS)
- RS-232, USB, and Ethernet interfaces
- Desktop or panel mounting
- Carrier approved

## SocketModem CDMA and SocketModem GPRS

- CDMA2000 1xRTT or GPRS Class 10
- Packet-switched data rates up to 85.6K bps (CDMA) or 153.6K bps (GPRS)
- Universal Socket Connectivity
- Carrier approved

## Geospatial Technologies

**Inc.** (GST) develops innovative, location-based technologies incorporating GIS, GPS, and wireless communication for the First Responders, Public Safety and transportation markets. Their patented technologies have open APIs

that integrate with multiple Computer Aided Dispatch Systems and multiple wireless protocols thus creating a Common Operating Picture for Dispatch and MDCs.



**For more information contact:**

Geospatial Technologies  
Telephone: 714-434-9936  
Web: [www.geospatialtech.com](http://www.geospatialtech.com)