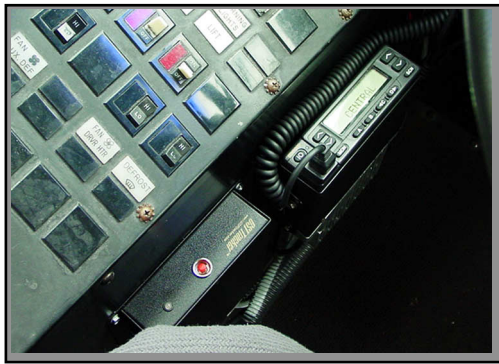


The Palm Beach County School District and GeoSpatial Technologies, Inc.

The Nation's First Integrated Solution Combining GPS Bus Tracking with Computerized School Bus Routing using existing Radio System

In an effort to protect its students and bus drivers, the Palm Beach School District has turned to new technologies that will also help district officials save money and manage the school transportation system more efficiently.



GST Tracker Unit installed in Palm Beach County's School Bus

The school district is using GST Tracker, a real-time GPS vehicle-tracking system, and the GST PTS (Pupil Transportation System). Currently, the buses are outfitted with the bus-tracking device that records in real time data that includes speed and direction of the bus. Such information can be retrieved on demand or on scheduled updates in text form or visually on a detailed map.

District officials will also be able to manage the complex transportation system because they will only need to maintain one database for both student data and spatial data including street maps. Quite simply, information about students leaving or transferring from one location to another are updated automatically by computer. This means, the headaches of manually matching the student to the right bus route are eliminated. Also with this new technology, the dispatch center can track the bus in real time or view its travel history at another time over the bus's generated route.

District officials can also check to see if the buses are stopping at railroad crossings and opening and shutting their doors as required by Florida law. Other special functions that come with the GST Tracker and the GST PTS include a pre-arrival notification feature for buses carrying special education students. Ten minutes prior to arriving at a pickup point, parents will receive a phone call telling them the bus will be arriving shortly.

"We are pleased that the Palm Beach School District is making the safety of its most valuable asset - the students - a top priority," says John Lim, CEO of GeoSpatial Technologies, Inc. (GST), the Santa Ana-based company that developed the GST Tracker and GST PTS.

Lim also applauds the district's fiscally sound decision to use its internal Radio Frequency for its wireless communication between bus and dispatch center. He says other vehicle tracking systems use commercial wireless transmission and pay monthly phone charges. "Using the existing radio system in each bus and dispatch center, the district does not have to pay any monthly fees," he says. "That is a huge savings for the district."



Channel 5 in Palm Beach looks at GST Tracker

