

Bar Code Solution Increases Student Safety



Thanks to Microvision and four partners working together, a top 20 U.S. School district is now able to more accurately track special needs students when they are most vulnerable, en route to and from school.

Business Situation

A large public school district in the State of Maryland has nearly 134,000 enrolled students; nearly 15,000 of which are special needs students. Tracking these students en route to and from school is a priority to ensure student safety.

The district lacked real-time visibility to student and bus location because students were manually tracked using pen and paper. Further, compiling these papers from multiple regions taxed district resources and delayed federal reimbursement for Medicaid students.

Business Solution

After a two month trial, the school district board approved a deployment of 500 mobile bar code solutions to buses used to transport special needs children. The multi-partner solution is comprised of a Flic laser bar code scanner that transfers scanned data, via a ScannerPal SP3 phone system to a Sprint phone. Securing the solution is a lockbox, provided by Bluewater Wireless, bolted to the side wall of the bus.

As the students board or exit the bus, the driver's assistant accounts for each child by scanning a unique bar code located on the bus driver's manifest. The bar code enters Actsoft's

Comet Tracker software and is immediately transmitted to the central office using the Sprint data network.

This real-time information allows the central office to accurately account for each student as well as track the bus and student location. The system provides accurate reporting allowing the district to quickly compile accurate Medicaid reimbursement.

Solution Benefits

- » Increased Student Safety – Real time visibility to student and bus location.
- » Improved Workflow – Scan & send capability replaces paper forms and manual data entry.
- » Maximized Reimbursement – Bar code data collection and electronic transfer enables accurate and timely Medicaid submission and reimbursement.

“With Comet Tracker, we are able to monitor and locate any and all school buses instantly. We always know the location of our students, drivers and buses in spite of inclement weather, traffic, or any other event.”

- CEO of Maryland Public School District

Solution Components

 MICROVISION	 ScannerPal	 Actsoft Inc. <small>Wireless Data Innovators</small>	 BLUEWATER	 Sprint
Flic Laser Bar Code Scanner	SP3 Scanner Phone System	Comet Tracker Software	Wireless Lock Box	Data Network



MICROVISION™