FIXED ROUTE SOFTWARE FOR CAMPUS TRANSPORTATION

⚲ ADVANCED ITS SOFTWARE AND IN-VEHICLE COMPUTING

TripSpark's campus transportation suite is a fully integrated Intelligent Transportation System (ITS) solution designed to help increase efficiencies across your university's transit services.

Because shuttles or buses are the only way to move large numbers of students across campus, an integrated transportation and passenger information solution can help improve the student experience, highlight innovation and improve campus safety. With TripSpark's easy-to-use system, a change in one part of the suite is automatically reflected across the entire network. For example, route changes, detours, announcements, and headsigns are always in sync.

⚲ IN THE OFFICE

Computer-Aided Dispatch

Computer-Aided Dispatch (CAD) allows dispatchers to easily manage assignments and track event information ranging from schedule and route deviations to excessive speeding and driver emergencies.

- Quickly lookup driver schedules.
- Receive notifications for on-time performance or campus speeding, linked back to a driver for accountability.
- Quickly add buses when additional capacity is needed, during football or other sporting events.
- Easily reassign work to another driver to accommodate last-minute shift changes.

Automated Vehicle Location

With the Automated Vehicle Location (AVL) map, dispatchers can track the real-time location and status of all vehicles in the fleet. Follow specific vehicles, and group them by route, status or region.

Intuitive and Flexible Scheduling

TripSpark facilitates bus stop and route creation, trip generation, rostering, and bidding. Optimize schedules with intuitive graphical blocking and run cutting features.

- Intelligent scheduling supports interlining, thereby improving operational efficiency.
- Choose between timetable and frequency-based scheduling as needed to provide reliable, convenient service. Efficiently improve service levels on your high-frequency routes.
- Create schedules for different service periods like holidays, exams or the summertime, and copy them for future reuse.
- Planned campus closures and construction detours can be pre-scheduled.

TripSpark

Web-Based Maps

Easily plan routes with real-time map data powered by the world's gold standard mapping solution, Environmental Systems Research Institute (ESRI). Pinpoint stop locations, route through broad areas like parking lots, and see detailed maps for high-interest zones like school buildings. Explore map styles, including Satellite View, and leverage multiple data sources for unmatched accuracy, including city and county GIS data.

Comprehensive Reports

Universities can use the comprehensive suite of standard and customizable reports including on-time performance, schedule adherence, vehicle location, and much more to improve service and efficiencies. In addition to the list of customizable pre-made reports, users can design and create their own reports using simple drag-and-drop functionality.

- Data and visual reports can be automatically shared between departments or stakeholders, such as the Planning or Engineering departments and Student Services.
- Reports can be created and triggered based on vehicle location or manually by drivers. For example: if a driver notices overflowing garbage at a bus stop or graffiti on-campus, the responsible department will receive a report to initiate clean up and repairs.

ON THE BUS

In-Vehicle Computing

TripSpark's rugged in-vehicle mobile data terminals (MDTs) improve driver-dispatch communication with text messaging and detailed run information. They provide real-time schedule and route adherence status updates, alerting drivers when they are running behind or ahead of schedule. Combined with advanced turn alerts and upcoming stops and detours, our mobile data terminals (MDTs) are intuitive and easy-to-use for new drivers.

The MDTs integrate with other onboard devices such as automated annunciators, Automatic Passenger Counters (APCs), validators or fareboxes, headsigns and infotainment displays to provide GPS location and other information.

- Proven to withstand the harsh transit environment.
- Minimum life cycle of 7 years, significantly lowering a university's Total Cost of Ownership.
- Remote updates reduce maintenance overhead.
- Improve training by sharing the driver's view and coaching remotely.

ONLINE AND ON THE STREET

Passenger Information and Infotainment Systems

Our passenger information system, MyRide, gives riders real-time updates. It can also send text, email or push notifications to riders who sign up for subscription alerts and provides real-time bus location and arrival information online to eliminate guesswork. Infotainment seamlessly combines real-time campus information, advertising, and engaging content across your university-branded responsive MyRide website and mobile app, in-vehicle displays, touch-screen kiosks and wayside signs.

- Infotainment advertising generates additional revenue.
- Inform riders about closed stops and the location of temporary stops.
- Headsigns can be updated remotely ahead of time in support of on-campus or sporting events.
- In case of an emergency, dispatch can trigger visual and audio safety alerts on the entire fleet. Or even announce game scores!

MOVING ►► ◄◄ TOGETHER

TripSpark Technologies is a transportation technology company focused on helping Fixed Route, Paratransit, Rideshare and private operators increase service and access to transportation, improve rider satisfaction, drive revenue, and overcome operational challenges. We are not just a vendor—we are your long-term strategic partner, offering the latest technologies and providing exceptional support.

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