Achieve Situational Awareness into Your Transit System

It’s your mission to deliver reliable public transportation services. Yet many transit agencies lack the tools needed to ensure regular, efficient, and dependable service.

TRANSITiQ is a powerful Software-as-a-Service (SaaS) solution enabling your agency to take charge and manage its operations while providing passengers with a better transportation experience.

Leverage Actionable, Real-Time Business Intelligence

TRANSITiQ helps transit agencies and fleet operators keep a finger on the pulse of vehicle movements, minimize bus bunching, achieve greater rider satisfaction, and improve adoption of public transit services.

Instead of just relying on gut instinct, TRANSITiQ provides “one source of truth” about your fleet of vehicles, down to specific bus or train routes. The solution delivers all the tools you need to provide a reliable public transportation experience.

TRANSITiQ—A Comprehensive Modular Solution

Whether you’re looking to supplement your existing investments or building a fleet tracking system from the ground-up—pick and choose the components that meet your tracking, reporting, and ridership needs, and our powerful platform will do the rest. Individual components include:
**Mobile Applications**—through a native cross-platform mobile app, citizens can view real-time bus positions as well as arrival predictions. Support for rail, bike, and even Car2Go ensures they have a clear view of all available options including predicted travel time. It allows users to explore bus stops and rail stations around them, search specific stops, routes or landmarks, and plan upcoming trips. Service alerts and location-based push notification ensure citizens are kept in the loop. Integration with Bluetooth Beacons enables visually impaired users to safely navigate the transportation system.

**Business Intelligence**—At the core of TRANSITiQ is a powerful data processing and report generating component that takes you inside the performance of your fleet. Use this ever-growing set of pre-built statistical visualization tools to gain a better perspective on system performance, anomaly detection, trends, goal measurement, and inter-agency comparisons. The analysis drills across all modes of transportation (buses, heavy or light rail, streetcars, ferries, water taxis, etc.).

**Smartphone-Based Reporting with GPS**—Whether you wish to use your existing GPS or our smartphone-based system, TRANSITiQ provides you with a quickly deployable and easy-to-use solution for collecting positional data from vehicles using everyday smartphone technology. No interaction with the driver is needed. Every few seconds, the current location is transmitted to TRANSITiQ for real-time analysis and reporting with unparalleled precision and speed. The GPS can act as a stand-alone application, or TRANSITiQ can collect data from devices already deployed in your vehicles, extending the return on your investment in existing hardware.

The TRANSITiQ ‘white label’ mobile app for iOS and Android can be customized to reflect the look and feel of your agency. Further customization to fulfill more specific needs of your transit system is also possible.
Interactive Public Displays and Trip Planning Kiosks—improve customer outreach by utilizing our applications for making transit system positional data available via large map-based screens. Touch-based interfaces provide trip planning options at the touch of a finger.

Trip Planning Web Widget—Extend TRANSITiQ’s real-time trip planner to any website using an out-of-the-box cloud-based widget that can be embedded with minimal IT involvement. Incorporate data from multiple transit agencies to provide riders with a bigger picture of available transportation options. Users can easily export trip schedules to their smartphones via text or email and access trip plans on the go.

How It Works

TRANSITiQ is powerfully simple. Using a combination of smartphone-based GPS and cloud-based technology, TRANSITiQ provides a 360-degree view of individual vehicles and your overall fleet, without costly hardware investment.

With its easy-to-use map-based dashboard, you can quickly access information on individual vehicles or the entire fleet. The solution works by transmitting data every three seconds via an application located on the contracted driver’s smartphone or your preferred GPS device. Information about the whereabouts of the vehicle, its speed and direction is then aggregated in a vehicle intelligence module and pushed to the dashboard.

Powered by the cloud, TRANSITiQ automatically scales to handle peak traffic times and a surge in position reports—without interruption or delay.
Why TRANSITiQ

TRANSITiQ is a powerful, comprehensive, and unrivalled transit system monitoring and dispatching platform. Built entirely in the cloud and delivered as a SaaS solution, TRANSITiQ provides a flexible range of solutions to plan, operate, and optimize your public transportation services. By putting self-service journey planning and monitoring tools in the hands of your customers, passengers enjoy a more informed transportation experience, trust its reliability, and increase ridership.

The magic of TRANSITiQ is that it works in conjunction with your existing investments in fleet tracking technology. Appreciate the power of TRANSITiQ’s business intelligence capabilities, without additional overhead. If you experience spotty, insufficient, or non-existent location data simply augment your location data with TRANSITiQ’s Bus GPS component—the most accurate, real-time position reporting solution on the market.

Why EastBanc Technologies

More than a vendor, EastBanc Technologies is a proven and trusted partner of government agencies that seek to incorporate innovative solutions, like mobile technology, into their mission. With extensive experience in supporting the state and local domain and an emphasis on platform-agnostic solutions, we can help identify the best practices and technologies that are right for you.

To learn how EastBanc Technologies can help your organization, contact:

**Jill Da Silva**
Director of Sales & Operations
jdasilva@eastbanctech.com
202-295-3010