

TRANSITiQ

Providing a Better Public Transportation Experience

EASTBANC
TECHNOLOGIES

Achieve Situational Awareness into Your Entire Fleet

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 from EastBanc Technologies is a powerful Software-as-a-Service (SaaS) solution that gives your agency the power to take charge and manage its operations while providing passengers with increased reliability and 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, including:

Dynamic routing—Real-time dashboard reporting on fleet movements enables swift investigation and mitigation of issues such as deviations from schedule, delays and better management of limited resources.

Powerful business intelligence capabilities—Gain unprecedented insight into historical trends and other key metrics to better inform decision making. The resulting optimization increases rider satisfaction, prevents delays or bunching, and optimizes transit coverage

Take advantage of open data to improve efficiencies and service quality.



Self-service customer tools—Riders can interact with your data via a browser, smartphone app, public displays, and touch panel—making trip planning a breeze.

Collaboration with commercial carriers—Intelligence garnered from TRANSITiQ enables collaboration with ride sharing companies, providing customers with alternatives during bottlenecks.

TRANSITiQ delivers the situational awareness you need to provide riders with accurate, up-to-the-minute information about their journey and any potential disruption. It's also the cornerstone of operational agility—providing you with the insight needed to flag congestions, modify schedules, change driver behaviors, and improve on-schedule operations.

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.

TRANSITiQ is a Software-as-a-Service solution sold on a per-vehicle subscription basis. Because it provides the option of smartphone-based reporting, hardware investment is minimal and there's no software to manage, and because it's cloud-based, TRANSITiQ is easy to install and maintain.

The solution also includes an API capable of providing real-time GPS data to external developers. This allows for other internal, dependent systems to leverage “on the ground” information about fleet movements.



TRANSITiQ—A Comprehensive Modular Solution

TRANSITiQ is a modular platform designed with flexibility in mind. 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:

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.

Mobile Applications—Reach a wider audience with a white label mobile application that gives riders the ability to plan their journeys, navigate schedules, and avoid delays—all in real-time. This is available for iOS, Windows and Android devices.

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.

Office 365 Add-On—Share the latest performance reports right from PowerPoint. Forget about manually pulling reports. Simply download the free add-on from the Office 360 app store and enjoy the convenience of viewing and sharing up-to-the-minute performance reports with agency stakeholders. Think of it as your executive dashboard at-a-glance.





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:

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