TouchPass

Fare Collection-as-a-Service

CUBIC ™ | Transportation Systems
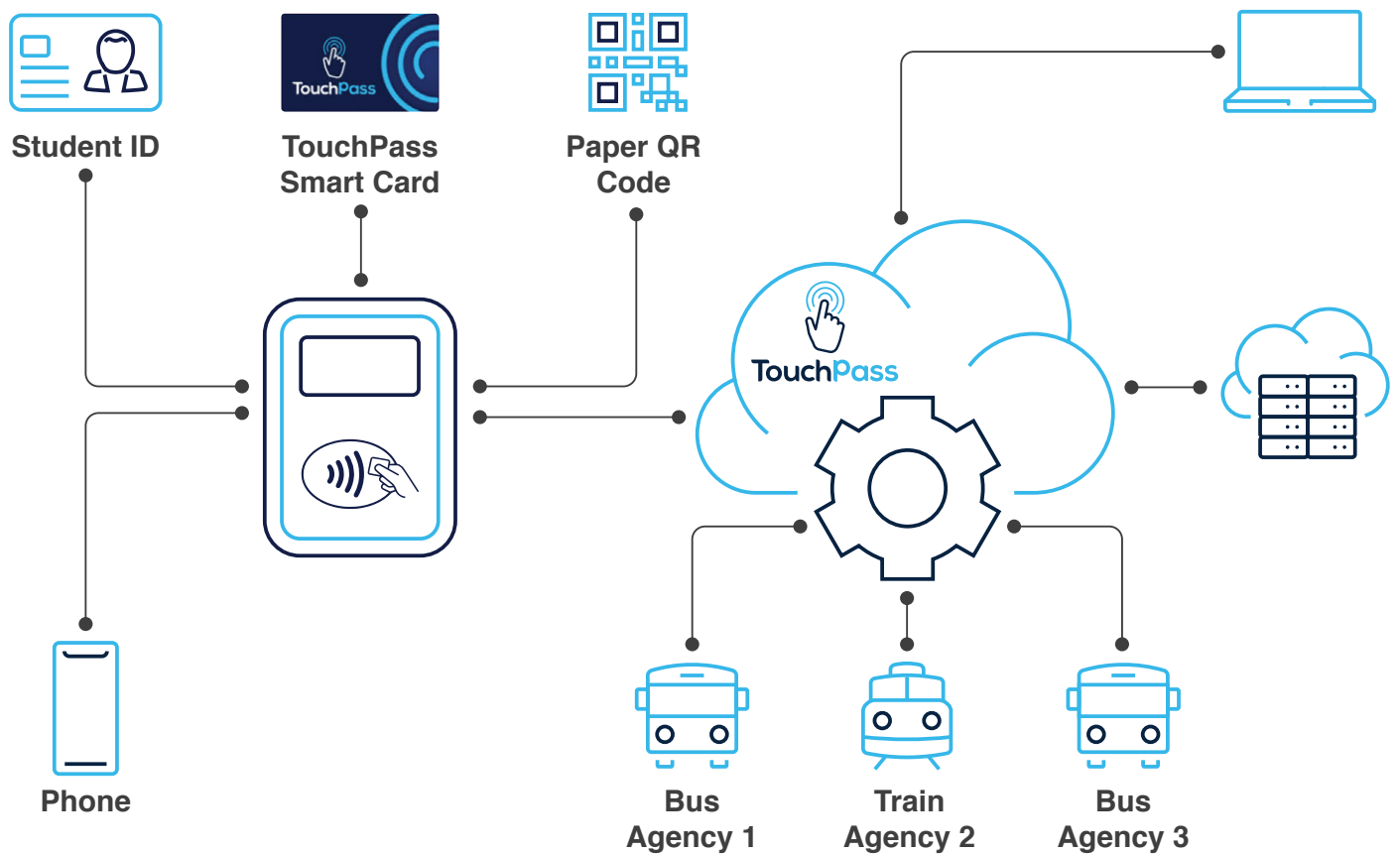
TouchPass – a cloud-based, fully configurable, complete fare collection solution available to all agencies, regardless of size and budget.

With rapid implementation, this account-based system is easy to set-up, scalable and versatile. TouchPass allows transit agencies to access all the benefits of large-scale account-based ticketing systems at a fraction of the cost and complexity of other systems.

Student ID   **TouchPass Smart Card**   **Paper QR Code**

Phone

TouchPass

Bus Agency 1   **Train Agency 2**   **Bus Agency 3**

Complete Fare Collection Solution

TouchPass is a full-featured, fully integrated, electronic fare collection solution provided as a service. Built from the ground-up for online, real-time fare payment processing, TouchPass offers online and mobile transit account management and fare product purchasing as well as fare payments functions using a variety of fare media. On-par with traditional, bespoke fare collection systems, TouchPass collects and analyzes passenger boarding data, allowing for secure real-time fare calculation and provides rapid configuration of user interfaces and agency fare policy without the need for any new software development.

Account-based Fare Collection Reimagined

Fare collection as a service is a breakthrough technology that has been in the making for years. Now, with TouchPass, agencies of any size can implement state of the art fare collection with many of the advanced features previously cost-prohibitive to all but the largest transit providers. Unlike traditional electronic fare collection, TouchPass can be configured with any fare product and gives agencies the flexibility to support a virtually unlimited variety of fare product combinations, processing and transfer rules as well as more advanced fare policies such as fare capping - all underpinned by a single back office for fare program management.

Convenience Beyond Mobile

Designed with travelers in mind, TouchPass allows travelers to choose the fare media that is right for them not just through a mobile app on their smartphones. TouchPass allows agencies to accept smart cards issued by the agency or by partners such as universities and employers, inexpensive paper tickets, and passenger's mobile devices.

- **Fare collection as a service**
- **Rapid implementation, requiring no additional agency resources**
- **Designed for transit agencies of all sizes**
- **Eliminates complexity without sacrificing capability**

TouchPass includes support for an extensive, multi-channel fare product sales network enabling passengers to make purchases through a passenger website on any networked device, at agency-operated ticket windows, using our mobile app, from ticket vending machines, any number of retail or other third-party operated locations, using an autoload service, and via retail merchants participating in a nationwide reload network.

Architecture for the Future

The multi-tenant, cloud-based architecture of TouchPass offers virtually unlimited scalability and includes continuous upgrades ensuring that the system never becomes obsolete. Open application programming interfaces (APIs) can be used by existing and future agency-authorized third-party hardware and systems to securely and efficiently interact with the platform to perform a wide variety of functions, while the system's highly secure, high availability architecture ensures performance for years to come.

TouchPass collects and analyzes passenger boarding data, allowing for secure real-time fare calculation and provides rapid configuration of user interfaces and agency fare policy without the need for any new software development.

TouchPass Benefits

A configurable, mulit-agency platform which automates fare collection and enforcement, allowing transit agencies to focus on passenger safety, schedule adherence, and service quality.

Cloud-based Account Management System

Allows for continuous improvement, rapid installation, easy maintenance, and lowered cost of deployment.

Fare Payment Processing

Enables the acceptance of multiple fare payment media, including mobile, smart cards, and paper tokens serving all passenger demographics.

Agency Portal

Equips transit agencies with real-time situational understanding of their network, with comprehensive reports by fare media, route, and stop.

Merchant Portal

Allows agencies to expand their retail network and partner with employers, universities, and social services on fare programs.

Open APIs

Open nature of the system allows for easy integration with Ticket Vending Machines, third-party readers, fare boxes and other hardware.

A configurable, mulit-agency platform which automates fare collection.

NextCity – building a smarter tomorrow

TouchPass is inspired by NextCity, Cubic's vision for city management and integrated traveler payment and information that centers on three core principles: the delivery of an integrated customer experience, one account, and integrated operations and analytics.

As the world's population moves to urban centers, the result is greater traffic congestion, frustrated travelers and lessened productivity. Intelligent and actionable information is the key to ensuring that everything is running as smoothly and efficiently as possible within the travel networks — and will empower travelers to make smarter, more informed decisions based on facts. NextCity provides a roadmap for a coordinated framework — using legacy and emerging payment methods and information systems to integrate all travel information and payment, customer experience, operations and analytics in the region for all modes of transportation.

The NextCity vision is built on a model for real-time data gathered across a transportation network through payments, sensors and other touch points, increasing travel efficiencies without losing individual authority flexibility. For travelers, NextCity offers a solution for personalized, actionable information sent directly to their mobile device, all supported by a single account to pay for their entire trip.

Cubic – a leader in intelligent travel solutions

At Cubic, we believe our identity is intrinsically linked with our customers, and the people our customers serve. How they get from one place to the next — how that impacts their lives, their fellow travelers and their cities — and how it feels along the way.

That's why we're passionate about developing transportation solutions that improve the way we move throughout cities. Innovation is in our culture, and our history speaks for itself. In our 45-year history, we've delivered transit fare collection systems to over 450 operators, including 20 regional back office systems and traffic and transportation management systems for major cities and regions on four continents.

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