

# The Benefits of Integrating **AFC & ITS** Technology

The data collected during Automated Fare Collection (AFC) has value for agencies beyond revenue alone – there are a number of opportunities to use this same data to achieve greater operational efficiencies across the transit enterprise.



## AFC

AUTOMATED FARE COLLECTION

Passengers are more independent, benefit from contactless payments and can board more quickly. Their fare data, along with stop level data from ITS, helps planners deliver more efficient routes, schedules and fare types to improve passenger experience.

### **+** ENTERPRISE ASSET MANAGEMENT

Integrated on-board hardware means less capital outlay for a more scalable solution and a reduction in maintenance costs. A seamless event-triggered alert system helps prevent, plan for and respond to farebox system and other on-board failures.



## ITS

INTELLIGENT TRANSPORTATION SYSTEMS

Integrated on-board hardware means less clutter in the operator's area, a single interface to master, and less stress. On-board sensors process real-time vehicle location and performance data and manage alerts, letting operators focus on safety.

### **+** INTEGRATED DATA

Integrated with planning and scheduling, AFC data can determine profitability and inform more efficient route planning. Combined with stop-level data, it can help your agency earn grant money to grow and scale. When harmonized and shared, it can help power the future of connected mobility.



## TNCs

TRANSPORTATION NETWORK COMPANIES

The agency can share key data with TNCs to let passengers discover schedules, make bookings and look at journeys across modes of transit. This is essential in Demand Response, where taxis and other TNCs help connect the first and last mile.

## FINANCE

Granular data to help correlate revenue, expense and performance makes earning grant money a little easier. Integrated hardware means shorter delivery cycles and less staff training time. There are many opportunities to use AFC data to create new fare products.