

# TAPS

## Train Arrival & Prediction System

Clever Devices designs and develops breakthrough solutions for transit systems that are proven to increase efficiency and reduce operation costs while improving the passenger experience.

The days of standing on a train platform or station waiting impatiently for the train arrival are over. So too, are the times your passengers spend sitting onboard a train wondering how much time they have until they reach their destination. There is nothing more valuable than time, and the **Train Arrival and Prediction System (TAPS)** from Clever Devices helps your passengers manage theirs more efficiently.

### Communicate Real-Time Scheduling Data

TAPS enables you to communicate with your passengers in real time. Using GPS technology and scheduling data, TAPS calculates the arrival times for specific stops and rail lines. That information can then be shared with passengers via text messaging, the internet, or variable message signs, at the stop or in the station. Automatic updates can also be sent to your Twitter handle.

### Improved Passenger Experience

Armed with real-time, accurate arrival information, passengers can better plan their schedules to arrive just in time which reduces frustrating long wait times. The ability to search routes using TAPS makes planning more efficient.

### Increased Passenger Satisfaction & Ridership

When passengers have the information they need to plan their trip such as arrival time, service delay information, and last ride notifications, they are not only more likely to take public transportation, they are generally more satisfied with your overall ability to provide them the services they need.

### Customized Mobile App

TAPS provides a real-time, agency-branded interface your customers can use on their smartphones and tablets. Our app includes innovative features such as "stops near me" GPS-search, integrated trip planning, and interactive contact information.

### Open Interfaces for Third Party Access

TAPS provides an open data interface for third-party access. This open API policy gives developers access to the real-time arrival information for the development of mobile apps and widgets, which helps you to better serve your customers, at little or no cost to you. Your restricted data remains confidential.



**Train Arrival and Prediction System (TAPS)** from Clever Devices helps your passengers manage their time more efficiently.

## Open Data Interfaces

We believe all data is the property of the transit authority, and, therefore, our TAPS deployments provide open data interfaces for third party access. This open data policy gives developers access to real-time bus arrival information for the development of mobile apps and widgets. This provides a significant benefit to your riders at no expense to you.



### OTHER KEY FEATURES

- Offered as a hosted or on-premise solution
- Supports both Android and iOS platforms
- Integration with Twitter sends automatic service alerts to the agency's Twitter handle(s)
- SMS text messaging options, with international support for SMPP
- Optional GTFS real-time export expands standards-based data output capabilities user administration, API usage and prediction accuracy and distribution
- Supervisor site allows for special map view and detailed information for agency personnel
- Support for the creation of canned reports such as prediction accuracy, schedule adherence, and route and event monitoring
- TAPS can feed, manage and interface with multiple sign vendors with ADA and NTCIP compliant signage

Visit [www.cleverdevices.com](http://www.cleverdevices.com) to learn more about other products and solutions