



Traveler Information Solutions

Informed passengers are satisfied customers



A **xerox**  Company

Traveler Information Solutions

Bring public transit users the information they need when and where they need it.

Today's passengers want transit information at their fingertips, and obtainable in an instant. Passenger information systems are the key communications link between a transit agency and their riders. Our solutions provide the traveling public with accurate, real-time information on a variety of transportation modes. Schedule status and dynamic transportation related information is displayed on message signs, monitors, kiosks and internet devices so passengers are better informed to plan their journey.

SmartTraveler

SmartTraveler allows transit agencies to effectively communicate to riders information about their service via dynamic message signs at transit centers and bus stops. Passengers won't have to guess when their bus will arrive - they will know minimizing the negative impact of transit delays.

Adopted by a number of transit agencies across the U.S. SmartTraveler system improves customer satisfaction by delivering: real-time bus location, schedules, traffic information, trip planning, service changes, special announcements and points of interest.

The SmartTraveler system currently consists of the following components:

Monitors:

Multi-line LCD monitors of various sizes used for displaying bus routes, schedules and status information. Advertisement images displayed at the end of real-time schedules and before the next round of schedules is also an option.

Signs:

Single color or multi color LED signs generally used for displaying bus routes, schedules and status or advertising information at bus stops or transit centers.

Audio:

Announcements of displayed sign information. This is helpful for people with visual impairments. All signs and announcements are ADA compliant.

Station:

An integrated set of signs and/or monitors placed at a central

location (such as a bus transfer terminal) and controlled by a local server.

Kiosks:

Multimedia touch screen information kiosks that provide a wide range of transit, traveler, and tourist information.

SmartTraveler Server:

Data Management and Communications software that can interface with either OrbCAD or SmartTrack® CAD/AVL systems.

System Console (SysCon):

PC-based software that allows a Systems Administrator or operator to "manage" the SmartTraveler devices. (i.e., monitors, signs, kiosks, etc.)

Real-time Communications:

Information updates using LAN, WI-Fi, commercial wireless, and available RF data channels.



SmartTraveler Plus

Today riders have the ability to schedule their day using reliable real-time information. SmartTraveler Plus provides public transit riders the most up to the minute arrival information about their transit services via easy to use web tools. Now transit customers can look up schedules and real-time status for services of interest on a PC, mobile phone, or PDA for any transit stop. During severe weather conditions riders have the ability to stay informed about disruptions to service without being caught in uncomfortable conditions for lengthy periods of time wondering when their bus will arrive.

SmartTraveler Plus, our dynamic real-time traveler information solution, conveys a feeling of security and reliability to your passengers providing them the easy ability to:

Receive real-time arrival information

SmartTraveler Plus allows a passenger to select a transit stop and obtain up to the minute arrival information for a location

Rapidly view frequent stops

The user will have the ability to easily view information for up to five of their favorite stop locations.

Click a location on a map

A passenger may also select a transit stop on a map and receive the real-time next stop arrival information for that particular location.

Get the Latest Service Updates

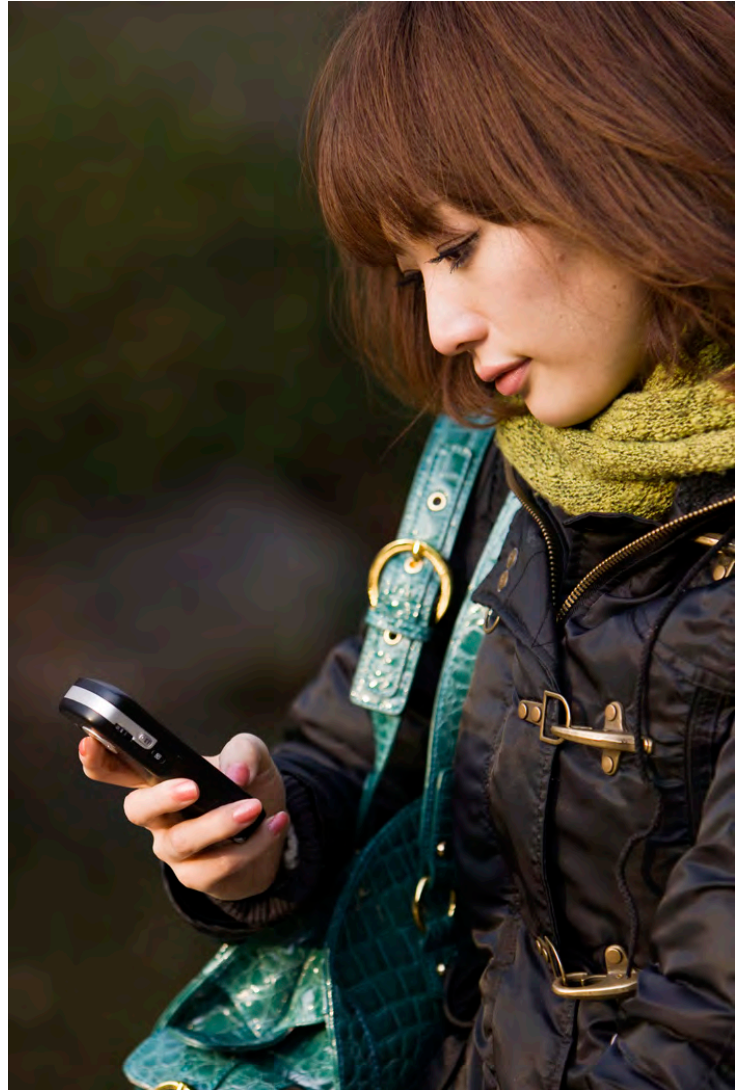
SmartTraveler Plus allows a user to receive current information regarding detours, service delays, and upcoming events.

Deliver information to a cell phone

Receive real-time schedule information on a cell phone or a cellular-enabled mobile device.

Place advertisements

Insert advertisements on the web pages to generate revenue!



SmartTraveler Plus provides invaluable information that allows customers to access real-time schedule information before they depart for a specific transit stop. This easy-to-use web-based information can be especially helpful if there is inclement weather, if a person has to travel at an unfamiliar time, or if there is a service disruption on a particular route giving your riders the comfort and ease to use your system in a more effective way.

SmartStop

Traveler Information on the Vehicle

SmartStop is our GPS-triggered next stop signage coupled with voice annunciation system that provides next stop assistance to passengers when riding the transit system. Our solution is designed to comply with ADA requirements for the disabled and elderly.

ACS' OrbStar & OrbGuide Mobile Data Terminals automatically controls the internal and external annunciation as well as the display of next stop information on internal and external destination signs. An integrated GPS receiver serves to automatically trigger the announcements and displays based on pre-stored geographic "trigger" points. Outside the bus, annunciation is triggered when the doors open advising waiting travelers about the destination and route number of the bus. Additionally, SmartStop offers options for public service announcements as well as operator initiated announcements. Time to update data? This is done efficiently via ACS' wireless LAN solution, which is also integrated with the OrbStar & OrbGuide.

Our traveler information systems integrated with our fleet management system enables you to improve service with accessible and accurate information.

ACS' solutions have risen as a promising means to improve transportation safety and mobility and enhance productivity through the use of advanced information and communication technologies. We maximize the efficiency and safety of the current traffic system by accurately monitoring traffic states, computing and executing optimal alternative traffic strategies while distributing up-to-date traffic information to drivers and passengers. Your passengers stay well informed helping you build a loyal, long-term ridership.

Contact Us

Public Transport North America

Ed Baldzicki
952-233-4045



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