

NextBus Information Systems

MAKE AN IMPACT IN YOUR COMMUNITY

Improving Public Transportation Service and Operations

PASSENGER INFORMATION:

NextBus uses AVL (automatic vehicle location) data acquired from GPS technology. This information is gathered either from a NextBus onboard receiver or other tracking solutions installed on the vehicle. NextBus takes into account the actual vehicle locations, their intended stops, typical traffic patterns, day of the week and other conditions to predict when, with a high degree of accuracy, a vehicle will arrive at a particular stop.

Passengers can obtain arrival information via electronic signs at bus stops and shelters, and at home, offices or on the go via the Internet. NextBus also offers the transit agency a means to communicate directly with riders to inform them about delays, changes in service and other important messages.

FLEET MANAGEMENT:

Transit agencies benefit from the installation of this system on their entire fleet because of valuable management tools. Centralized, real-time fleet mapping allows the agency to keep track of all vehicles and better respond to service disruptions. Transit supervisors also have access to a replay function that allows them to visually view the historical behavior of vehicles. The system will also allow the agency to generate vehicle behavior reports to measure performance and aid in future planning. The system also enables the agency to run and operate a more efficient and cost-effective transit system.

Keeping the Community Safe and Secure

Man-made or natural disasters can take a tremendous toll on public transportation and the ability to move vehicles and people. NextBus serves as a valuable tool in crisis management. NextBus information will allow a transit agency to better manage their system in a time of crisis and provide vital real-time information to the public and aid them in making informed transportation and safety decisions. The AVL system allows transit agencies and all other emergency response agencies to know exactly where all vehicles in the fleet are at any given moment and if any problems are emanating from them.

Information and communication is crucial in times of emergency. NextBus Information Systems increases the safety of passengers on a daily basis and during an emergency. NextBus allows transit agencies to communicate in real-time with passengers and the public on the Internet and via LED signs at stops, stations and throughout the community.



For more information visit our website at www.NextBus.com or call 510-420-3113

NEXTbus

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Providing information to passengers regarding transit options, changes in service or evacuation procedures allows the public to make more informed decisions that affect their personal safety. Providing arrival times allows passengers to plan to be at the stop at the exact time of arrival to avoid being exposed to undesirable elements that could pose danger to their well-being.

Reducing Congestion, Increasing Transit Ridership

It is difficult for cities and regions to build their way out of congestion due to high cost, environmental impact and land use issues. Therefore it is vital that transit agencies use a combination of better management of existing transportation infrastructure and new technologies to improve the safety, reliability and efficiency and attract new transit riders. NextBus Information Systems can help transit agencies attract new riders by providing real-time information needed to allow riders to make more informed transit choices. Passenger information makes public transit a more viable option for travel and commuting.

Increasing Access for the Disabled Community

NextBus will assist transit agencies with ADA compliance and better serve the disabled community. Electronic signs with a optional push-button speaker at community bus stops include hardware that presents arrival information audibly to the visually impaired. The Talking Signs® unit decodes the sign data and uses synthesized speech to communicate transit information when used with a receiver commonly carried by the visually impaired. This solution increases accessibility for visually impaired passengers. The tracking of paratransit vehicles also allows an agency to better serve their disabled community. Knowing the location of a paratransit vehicle allows dispatch to better communicate arrival times for those passengers who rely on this type of transportation.

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The logo for NextBus, featuring the word "NEXT" in a bold, uppercase, sans-serif font, followed by "bus" in a lowercase, italicized, sans-serif font. The "b" in "bus" is significantly larger and overlaps with the "T" in "NEXT". The entire logo is rendered in a green color.