Public Transport.

Smoothing the ride with Mobitex


IRIZAR
SCANIA
PS 8836 BPS

simplicity

Complete service packages make it simple

Wireless communication significantly enhances the quality of public transportation, resulting in greater passenger satisfaction and more cost-efficient and profitable operations. Simplicity is a key customer priority and we devote substantial resources and effort to create complete service packages and end-to-end solutions that are carefully matched to customer requirements.

Creating end-to-end solutions

Mobitex is an advanced, digital wireless data network, ideally suited for meeting the challenges facing public transport organisations today. Together with our partners, we offer innovative turnkey solutions that leverage the tremendous power of wireless data communications.

Data communication is different than voice. High security, guaranteed delivery and total accuracy mean that wireless data is a more efficient means of communication for many critical tasks and make it the perfect complement to the fleet's voice system. Mobitex is already widely used in public transport and has increased profitability while improving service in many organisations. Today there are literally hundreds of solutions readily available that use Mobitex as the wireless carrier. Mobitex terminal equipment is also available from nearly two dozens manufacturers, including both large multinational suppliers and local manufacturers.

Fast deployment

Mobitex networks are easy to install, maintain and support. Efficient tools cover every phase of service development, from initial network planning to ongoing operation, support and network management, keeping maintenance costs to a minimum. Mobitex Technology AB provide guidance and assist you through the whole process of wirelessly enabling your organisation. We have a team of highly skilled and experienced experts available around the clock, seven days a weak to ensure that your system is always up and running.

Different business models

Procurement trends and business models vary widely today, from complete ownership and operation of the network to virtual private networks incorporated in public networks. Some organisations also rely on network sharing, meaning that several organisations own and operate a network jointly. Whether Mobitex is made available as a public service provided by a national operator or through a private network owned by the transport company, Mobitex is an ideal technology for the public transport sector.

quality

Always informed and in full control

The solutions for public transport are as varied as there are different transport systems and route networks. The overall objective, however, is simplifying public transportation, making the journey smoother and less stressful for passengers and for drivers.

Real-Time Passenger Information

If there is one thing passengers hate more than delays, it is lack of information. Mobitex solutions provide accurate and timely information during each stage of the journey, allowing passengers to remain in control and make informed decisions at all times.

Real-time passenger information continuously updates electronic displays on buses and signs and monitors at major stops and connection points, providing information on departures, arrivals and delays.

Travellers can not only obtain recommended routes, schedules and fares on the Internet prior to travelling, but also wirelessly through handheld devices while en route.

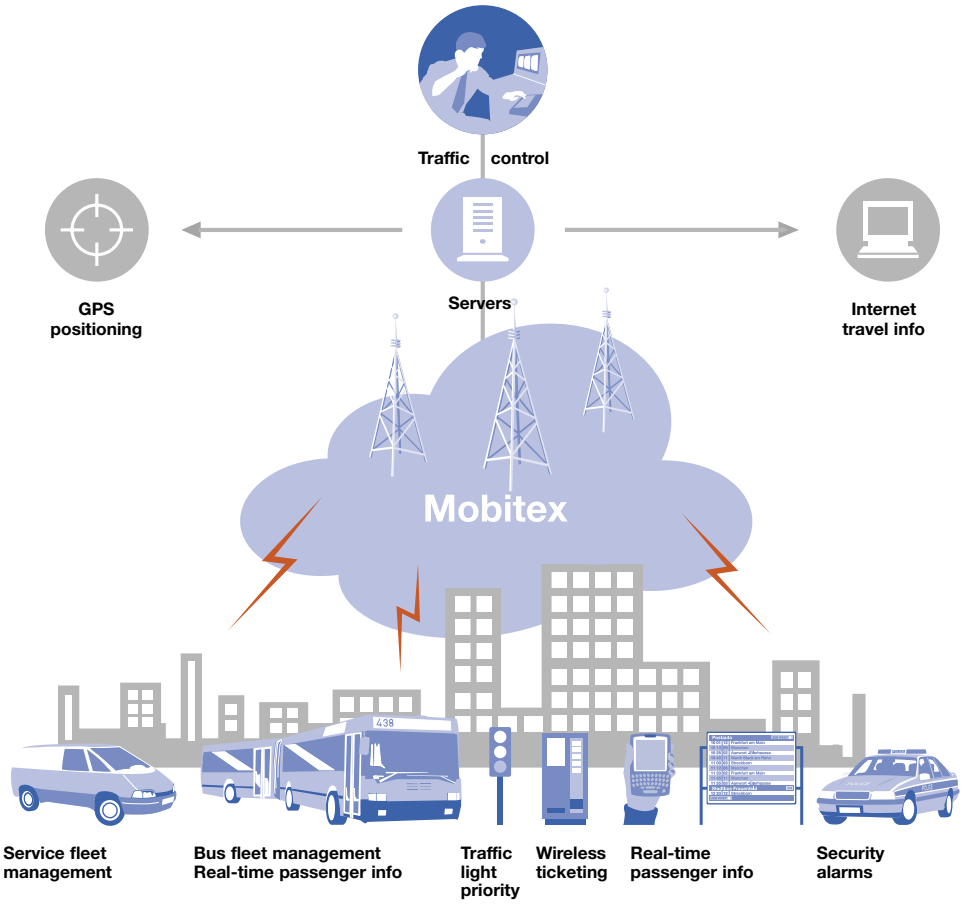
High security

Mobitex solutions are designed to enhance security for both drivers and passengers. Drivers are able to send alarms stating the nature of an incident including location data. In such situations the reliability of the network is of utmost importance. With its extremely high level of security, Mobitex has been selected by police and rescue services in many countries.

Wireless ticketing

Increasingly, wireless ticket machines are being installed on vehicles and in stations, thus reducing the workload for both drivers and administrative personnel.

These machines can be wirelessly



controlled and provide travellers with up-to-minute information about seat reservations and availability.

Payments can be made by credit or debit cards, with payment authorisation performed wirelessly. Mobitex POS (Point of Sale) terminals are certified by both Master Card and Visa as a secure method of payment.

Aware and informed at all times

In addition to normal information, drivers receive information about connecting lines, which stop is next and estimated time between main stops.

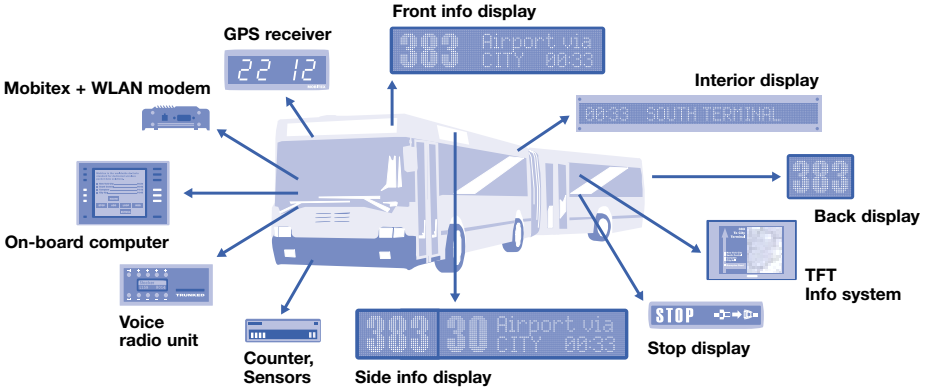
Real-time information about the traffic situation and the time intervals to the preceding and following busses on the line, allows the driver to take appropriate actions to ensure the smoothest service.

Remote vehicle diagnostics

On-line collection of key diagnostic data and early warnings to traffic controllers allow them to control the fleet in an optimal manner, while instant alarms enable faster dispatch of maintenance crews, thus reducing downtime. Mobitex can also push information to predefined user groups, such as all service technicians or all busses in a given area.

Fleet management

Various vehicle parameters can be monitored and controlled remotely, providing data that allow transport companies to improve service and security, while utilising resources more efficiently. Experience shows that Mobitex allows



reliability

Absolutely secure communications at all times

Public transport systems, particularly at rush hours, are like a living organism. The dynamic and unpredictable flow of people and traffic places the highest requirements and toughest challenges on the solution. The wireless network constitutes the backbone and its quality is vital for the overall success of the public transport system.

Mobitex at a glance…

Mobitex continues to expand around the world. Currently there are more than 30 public and private networks providing coverage on six continents. Over the past two years Mobitex has more than doubled its subscriber base and the increase in data traffic has quadrupled.

Providing the highest performance

Mobitex is the most reliable, secure and robust wireless packet data network on the market. Store-and-forward techniques are used to guarantee delivery, meaning that if a vehicle is temporary out of coverage, transmitted data is stored in a mailbox and will be forwarded as soon as the vehicle is back in coverage. Intelligent design, sophisticated functionality and first-class equipment, eliminate the need for redundant network elements.

Such features not only give Mobitex high in-service performance figures. They save money for the network operator or owner who instead of spending money on redundant hardware can make maximum use of available resources in the whole network.

Guaranteed and instant network access

The Mobitex network is always available and instantly accessible and devices are always online and ready to receive data or send notifications. There are no time-consuming call set-up or data activation procedures, and there are never any busy signals. Response times are short and access is instantaneous. Because packet switching does not require a dedicated connection, devices can remain on-line at all times, sending and receiving data as required by the application.

Unparalleled Capacity

The Mobitex network is designed to handle large numbers of subscribers or devices, as well as large volumes of data traffic, at very low cost. Because of its excellent capacity and many features, new applications and solutions can usually be added to a Mobitex network without further investments.

Adoptable to all sizes

Because of its flexible and scalable nature Mobitex networks are deployed in very different configurations, from small private networks owned by a single bus company and used for local or regional operations, to large public networks offering nationwide wireless data services for a wide range of applications for mobile professionals. With Mobitex, it is easy to expand coverage, as well as enhance capacity in existing coverage areas with heavy traffic, simply by adding base stations.

www.mobitex.com