

Wireless data

A necessity for efficient public safety work

Many public safety authorities are using Mobitex for data communications together with other technologies for voice communications. This means that there is immediately a fallback scenario in case a network becomes unavailable.

Whether it's ambulance services, police, fire brigade, alarm panels or border control, a separate, data-only network provides a highly desirable redundancy in communications while adding new capabilities for efficient co-ordination and deployment of resources.

The redundancy provided by a separate wireless data network is crucial for reliable communications. In today's world access to data and the ability to use a computer are necessary prerequisites for effective work processes and increased efficiency.

Mobile data itself has a number of key benefits that include: greater accuracy with reduced ambiguity of messages, speedier checks of people and vehicles, reduced paper work, audit trails, increased productivity, more time on the street and less in the station and reduced workloads in central control rooms.

These advantages are becoming increasingly evident, and Mobitex is being used more frequently in countries where Tetra and other technologies are deployed.

Improved decision support

According to an article in "The Hill", the newspaper for and about the US congress, both members and staff in the US House of Representatives, in total 3000 persons, rely on wireless messaging handhelds for a large share of their out-of-the office communications. The House of Representatives started using wireless handhelds after the terror attacks of September 11. During the attacks most wireless networks quickly became overloaded.

However, in spite of a surge of 60% in traffic the Mobitex network remained available and accessible at all times. In an increasingly security-conscious society, wireless messaging handhelds operating on the Mobitex network have become a top priority for US government officials. There is a growing recognition that wireless data messaging expedites critical information and improves decisions support while increasing productivity.

Furthermore, there is considerable confidence in the Mobitex network, because it has proven to be rugged, reliable and secure under extremely demanding conditions.

Maximise the effective use of police time

The US senate is not the only government organisation that has adopted Mobitex. Use is increasing in Europe, and only in the UK, more than 55% of the police forces in England and

Wales rely on the Mobitex network for their mobile data needs. In its vision to make London the safest major city in the world, the London Metropolitan Police Service aims to maximise the effective use of police and essential support staff time and resources. Real-time data access to remote databases, automatic vehicle locations and incident dispatch and update are provided over the Mobitex network under a framework agreement.

The nature of police work requires a completely reliable solution to transfer mission-critical data to officers on patrol. By transferring information in data format rather than by voice there is less room for error and misunderstanding. For organisations already using voice over radio, data communications can complement and enhance their services and provide completely new methods for making better use of resources, thereby increasing efficiency.

About the Mobitex Association

The Mobitex Association is the worldwide network and forum for the Mobitex community with a mission to enhance wireless data for professional users. Mobitex is a proven technology used for mission-critical applications.

Our community has thousands of man-years of wireless data experience in the real world, providing services to customers worldwide.