

Security Video

Teleste point of view to surveillance networks



Teleste in Brief



The company is listed on the
NASDAQ OMX Helsinki Ltd.

Teleste is an international technology group founded in 1954, which is specialised in broadband video and data communication systems and services.

The group is active in two business segments, Video and Broadband Solutions and Network Services; in both fields, we are among the global leaders. Video is at the core of our business activities, with a focus on the processing, transmission and management of video and data for operators and public authorities who provide multiple video-related information, entertainment and security services to end-users.

Video and Broadband Solutions business segment has the emphasis on product solutions for broadband access networks, video service platforms and video surveillance applications.

Network Services segment deliver comprehensive network service solutions including new construction, rebuilding, upgrading, planning and maintenance services of cable networks.

In 2009 the group's net sales totalled EUR 142 million and the group employed 1260 persons at the year-end. The company has approximately 30 offices world-wide and over 90% of Teleste's net sales are generated outside Finland. The company is listed on the NASDAQ OMX Helsinki Ltd. www.teleste.com for more information.

Video and Broadband Solutions – Video surveillance

Teleste is a global leader in digital transmission and networking solutions for video surveillance and monitoring applications. Teleste specializes in high quality fibre transmission equipment and network solutions for various video applications.

Teleste's transmission and networking solutions are applied in traffic and transportation monitoring, urban surveillance, industrial and corporate, security, border and military site control, and multimedia communication. These target market segments demand advanced video surveillance systems requiring high-quality and real-time video, audio and data networking, including tools to analyse and process the recorded video material.

Our customers wish to use the same CCTV system for a number of purposes. For instance, the video monitoring system at an airport can be used by airlines, retailers at the airport, guardian and security service providers, police and border guard, to name a few. For these complex demands, the end-customers are looking for partners who can deliver customised solutions including maintenance and operation of the relevant infrastructure.

Carrying on a tradition of over 50 years of technical innovation, our comprehensive know-how and world-class product design allows us to keep meeting and surpassing our customer's demand for the very latest technology and performance.

Teleste VMX

A complete suite of Video Management Products

Teleste VMX platform is a suite of video management products for video streaming, transmission, switching, recording and encoding of video and related data, and the complete management of these.

Teleste VMX system provides a scalable end-to-end solution between camera locations and control centers ranging from low camera count systems up to nationwide system comprising of thousands of videostreams under a uniform management system.

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VMX characteristics – benefits:

- Reliability
- Scalability
- Easy to use
- Flexible system with flexible user rights
- Future proof solution
- High quality real time video
- Part of operational work-flow
- Sharing video for all needed stakeholders
- Commissioning of the system without interfering with daily operations



Recent references



Helsinki Airport is the largest airport in the country with over 13 million passengers per year and it handles over 90% of Finland's international traffic.

Finavia – Helsinki Airport CCTV

Finavia is a state-owned enterprise running 25 airports in Finland and an air navigation system covering the whole of Finland. In 2008 Finavia invited 16 companies to a tender to provide them with a CCTV system, which can support multiple different internal (including security, baggage handling system and apron surveillance centers) and external users (e.g. airlines) while keeping in mind the use of video in operational workflow in a large and continuously changing environment.

Teleste started to work on the Helsinki Airport CCTV upgrade in the beginning of 2009 and the project was successfully finished together with the Helsinki Airport's terminal extension. Currently, the system covers over 800 cameras with centralized recording and integration with other operational systems like the baggage handling system. In the future the system will be extended to meet the airport's growing demands.



The CTA trains provide approximately 600,000 customer trips each day and serve 144 stations. On an average weekday, 1.6 million rides are taken on the CTA.

Chicago Transit Authority, Chicago, Illinois, USA

The Chicago Transit Authority (CTA) is the second-largest transit agency in the United States. Since 2005 Teleste has supplied the CTA with IP video management and camera control system consisting of hardware and software. Today this system covers over 1,200 cameras at the CTA rail stations, and provides operators a graphical map-based user interface to select and view cameras at the CTA Control Centers for daily operations and for example during emergencies and incidents.

As a part of the CTA's on-going Security Camera Initiative, the CTA has (awarded a \$ 4.36 million contract to Teleste Corporation for) ordered a system-wide security camera control and recording system expansion at CTA's 144 rail stations and the CTA Control Center. The contract includes the supply, integration and support of Teleste's VMX video management and network recording system to accommodate nearly 4,000 cameras at completion.



Aurukun police station and court house in Queensland.

Queensland Police, Brisbane, Australia

In Australia, the Queensland State prisons provide an entirely new business area the first order of which was secured in 2009. The project integrator is Saab Security.

The project comprised upgrade of several hundreds of watch houses, main police stations and the court houses surveillance systems. The system is deployed in order to provide surveillance information to the watch house staff. The system had to be built to a specification that was issued by the Queensland Government, which had its core requirements:

- Standardisation of product
- International standards of performance
- Multi-layer redundancy
- High reliability in environmental extremes
- Flexible integration for 3rd party elements
- Future proof connectivity

The Queensland Government found Teleste VMX and ideal solution to its needs.

For more references please visit our web site.

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