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FREQUENTIS at UIC (Stand S31 – S32) - On track with VoIP

At the UIC Conference 2007 Frequentis presents the Fixed Terminal System FTS 3020 with the next GSM-R Dicora dispatcher terminal generation supporting the proven circuit-switched ISDN technology as well as the new packet-based VoIP technology.

Voice over IP is the next step in the IP strategy of the FTS 3020 solution. The usage of a common infrastructure also for voice communication to the dispatcher terminals perfectly fits to the existing flexible integration of IP based data services in the Frequentis TERCOS switch system. This enhancement opens up the migration to a fully IP based communication service environment for tomorrows needs.

Benefits at a glance

Apart from the existing rich Dicora feature set which is also supported in VoIP deployment, our customers can gain from the following benefits:

- Reducing leased-line charges
- Optimising resources by combining voice-network and data-network management and eliminating redundant functions
- Adding expanded applications that are not offered by TDM-based systems
- Having one common network for different forms of communication
- Reducing the costs associated with moves, adds, changes, and disconnects

The convergence of voice and data traffic onto a single network is eliminating infrastructure and maintenance redundancies while increasing network flexibility. IP technology simplifies the interoperability between separate voice and data systems, providing the flexibility, extensibility and customization needed while reducing operational costs.

Frequentis as technology leader emphasizes on VoIP

The Internet Protocol (IP) has revolutionized communication and information exchange. It is a highly efficient, straightforward and cost-effective communication technology able to handle voice and data on the same network. VoIP opens up many possibilities. Frequentis, an internationally recognised technology leader, continually monitors future needs of voice communication environments.

Ongoing research activities deal with highly available, fast and safe IP-communication solutions for various Frequentis applications in air traffic management, public safety as well as public transport.

About Frequentis Rail

Frequentis has specialised in the development of communication and information systems for safety-critical applications. With its workforce of about 700 specialists, the engineering-driven company group is active in more than 50 countries. Frequentis has gained a leading position in the markets Public Transport, Public Safety, Maritime Systems, Air Traffic Control and Defence.

When Frequentis formed the business segment Public Transport the company had in mind the most fascinating possibilities of railways as the means of transport for the 21st century. Frequentis is part of the exciting changes which railways currently undergo. The best engineers and specialists are working towards one common objective: communication solutions for even more safety and efficiency in railway operation.

Frequentis Public Transport division has specialised in communications equipment for the safe and efficient operation of railways and urban public transport organisations. Due to its extensive expertise in GSM-R, Frequentis has become the leading supplier of Fixed Terminal Systems for the new rail communications standard. The Frequentis product range for railways comprises Operations Communication Systems, GSM-R Fixed terminal Systems, Radio Shunting Modules and Workflow Management Tools.

Frequentis unites innovative products with a comprehensive service package for solutions specially tailored to meet specific needs of urban and rail transport.

Major references comprise the GSM-R Fixed Terminal Systems for UK's Network Rail, Swiss SBB, Finnish RHK, Norwegian JBV, Indian ER and German DB.

About Frequentis

For Background Information about Frequentis please see www.frequentis.com.