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## **Integrated systems**

### **Control Centres with TETRA connections**

**Within the public safety sphere, mobility and virtual networks are becoming ever more important. One of the basic preconditions for utilising these is selecting the right high performance infrastructure, as it is provided by TETRA. To use the TETRA features with all their new functionality and possibilities, and to integrate a new TETRA system with existing radio infrastructure or a telephone network – this is where the integrated communications control system VCS 3020MCC by Frequentis comes in.**

Frequentis is a leading provider of command and control centre solutions for the police, ambulance, fire and rescue services – and also a TETRA pioneer. The Viennese high-tech company is a renowned technology partner of well-established manufacturers such as Nokia, Motorola or R&S. With the development of an own base station, Frequentis is now able to offer services for the entire TETRA infrastructure.

The combination of the broad know-how and experience in both the requirements of public safety organisations and in the TETRA technology translates into a significant innovative advantage applied to the switch from analogue to digital radio systems in safety-critical environments. Special gateway technologies and the comprehensive control communication expertise of Frequentis enable links to be established with the relevant control centres wherever necessary, and existing analogue radio systems or telephone lines to be integrated.

### **Broad experience and proven Technology**

Two most recent projects serve to highlight the Frequentis expertise in this area:

For the Lothian and Borders Police, the second-largest police force in Scotland, Frequentis as prime contractor delivers a state-of-the-art communications solution based on the tried and tested VCS 3020MCC for the new police headquarters in Edinburgh. With over 130 working positions, the new control centre will be ideally equipped to handle all existing demands. It will also facilitate the

connection with the British TETRA network O2 Airwave, which will provide country-wide coverage by the end of 2005.

In August 2004, together with more than 10,000 athletes coming from all over the world, Frequentis – as part of an international consortium that included Siemens and Motorola – entered the Olympic Arena. Again a VCS 3020MCC, installed in the command and control centre for the “Olympic Games Security Committee”, proved its performance. It linked 30 dispatcher positions to emergency telephone lines, analogue radio systems, and the TETRA infrastructure delivered by Motorola. The system also was in use for the Paralympic Games, which took place in Athens at the end of September and is now continued to serve the Greek government for its public safety organisations.

**About Frequentis**

For Background Information about Frequentis please see [www.frequentis.com](http://www.frequentis.com).