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## **Basic Contract Signed with German Federal Border Guard**

### **Nationwide Equipment with Frequentis Radio Systems Planned**

The requirements of the Federal Border Guard authorities for the equipment of their offices with new Command & Control Centres are strict. Utter reliability, simple PC-base operation and direct radio to telephone connection, thus the option to communicate with radio and telephone subscribers simultaneously, were basic requirements associated with the project. Now - after Frequentis has already successfully equipped three Command & Control Centres in Kleve, Saarbrücken and Cologne - a basic contract has been signed with the German Ministry of the Interior for the delivery of up to 24 additional voice communication systems for the Federal Border Guard.

The scope and importance of the tasks demand that the Federal Border Guard attaches great importance to the quality of their equipment. They are not only responsible for policing the borders and controlling passenger traffic. It is also their duty to avert and handle threats to the country's railway and air traffic. Frequentis and the general contractor Intergraph Public Safety, an internationally recognised producer of Command & Control Systems, managed to put competition in its place during a long and drawn out tendering process and get awarded the contract to equip and update the Federal Border Guard offices.

### **Utter Reliability in Command & Control**

All voice communications - radio, telephone (land line) and mobile phone - come together in the Command & Control Centre. With the help of a voice communication system the individual subscribers can easily and securely communicate analogously or digitally. The Command & Control Centre is a telecommunications hub and information platform that orders, co-ordinates and guides operations. Communication with the personnel on site and in the Command & Control Centre has to function smoothly and without any interruption. After all, lives may depend upon it. Thus, the system of choice is a Frequentis Voice Communication System VCS 3025 LZ.

Technically speaking, the VCS 3025 LZ is a fully digital, non-blocking and duplicated PCM (Pulse Code Modulation) communication system with decentralised architecture for Command & Control Centres in the public safety sector. A duplicated co-axial bus system forms the system's backbone. All peripheral equipment such as operator positions, radio

and telephone interfaces and the Technical Monitoring and Control System (TMCS) are duplicated as network nodes and connected to the bus system. The TMCS permanently monitors the system.

## **Flexibility in Regard to Custom Requirements**

Frequentis systems not only convince due to their absolute reliability but also due to their flexibility when it comes to adapting to specific customer needs, needs that can differ even within a project from one guard office to the next. Features such as smooth communications between radio and telephone are just as much a plus for the Austrian high-tech company as the simple, PC-based operation and the familiar Windows user interface. The solution lies in a special PC-plug-in card and an exclusive application developed by Frequentis.

Some of the VCS 3025 LZ systems are already successfully online: as early as 2001 the first system arrived in Kleve. Saarbrücken and Cologne followed suit in 2002. Another three systems, one for Berlin, Frankfurt and Stuttgart each, are planned for 2003.

## **Outstanding Co-operation with Prime Intergraph**

An important building block for this success is the outstanding co-operation with the general contractor of the Federal Border Guard project, Intergraph Public Safety. All in all and over a period of four years, up to 24 Federal Border Guard Offices are to be equipped. Both German citizens and international travellers will benefit from the added security and service made possible through such a system. And with a special event in mind - the world championship soccer in 2006 - the Federal Border Guard will have a current Command & Control and information system in place across the country to support them in their tasks.

## **About Frequentis**

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