

Application Note

Secure Audio- and Videoconferencing – It pays to protect your communications.



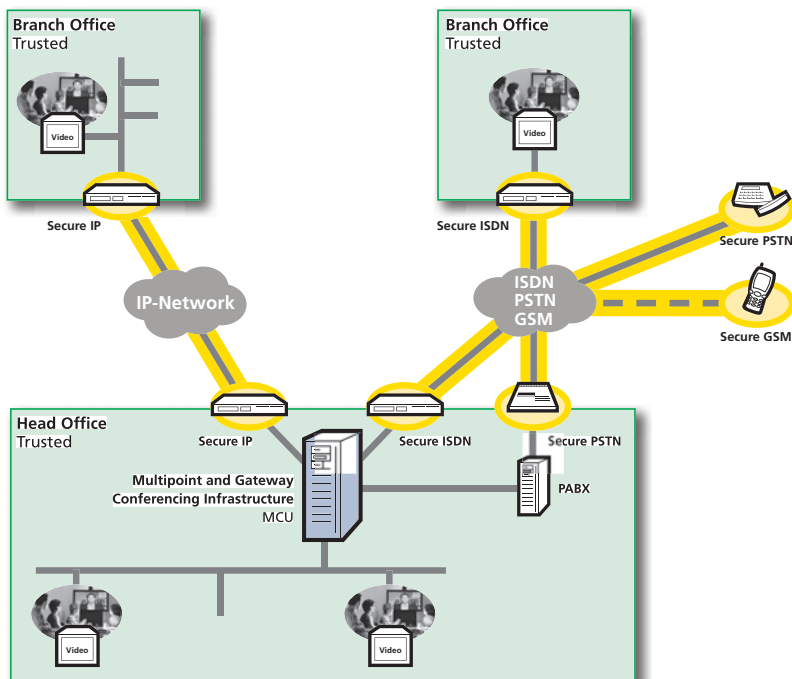
- **Secure videoconferencing over IP and ISDN**
- **Integration of ciphered PSTN- and GSM-Phones**
- **Comprehensive, protected site-to-site and multisite videoconferencing sessions**
- **Great savings thanks to globally accessible IP network (Internet) and reduction in travel expenses**

The Challenge

Videoconferencing means broadcasting images, sound and data live. It is as close as you can get to an actual person-to-person talk on the spot. And it is certainly the most inexpensive way to bring people dispersed all over the world together for a round table as well as protect them against economic espionage and other risks. In the meantime users of PSTN- and GSM-phones should be able to join the secure Audio- and Videoconferencing-System.

The Solution

Secure Audio- and Videoconferencing supports, on the basis of a protected VPN and/or ISDN network, both site-to-site and multipoint connections, which means that Videoconferencing systems can simultaneously connect with more than one of their remote counterparts. All videoconferencing connections over public networks are encrypted by InfoGuard's dedicated security solution including the central security management system, reliably protecting them from any third-party intrusion.



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Our partner for secure Audio- and Videoconferencing:

InfoGuard.
and information becomes secure

The Products

Secure IP

Ciphering at IP level • Interfaces: Ethernet, 10 Mbps or Fast Ethernet 100 Mbps

Secure ISDN

ISDN Encryption • Basic rate interface (BRI) S0 and primary rate interface (PRI) S2M • Supports ISDN protocol

Phone Encryption

Simple installation • Easy operation • Excellent voice quality and speaker recognition

Secure PSTN – Compatible with every analogue telephone

Secure GSM – Built-in end-to-end encryption with GSM 900/1800 networks worldwide

Security and Network Management Centre

Centralized online Security and Network Management for the VPN- and ISDN-Encryption

Polycom Videoconferencing Systems

Medium to high-end videoconferencing systems for conference rooms • Excellent audio and video quality • Voice-activated camera remote control • Integration of high-rez (XGA) PC/workstation data • Supports IP H.323 and ISDN H.320 networks • HTTP/Telnet-based system management interface

Multipoint and Gateway Conferencing Infrastructure – Polycom MGC-Systems

For multipoint audio & videoconferencing connections over IP, ISDN and/or analog networks • Point-to-point connections between networks (gateway)

• Session management using IVR/DTMF functionality • Fail-safe, redundant architecture • scalable

The Benefits

- Secure multipoint-videoconferencing system
- Integration of ciphered PSTN and GSM-Phones
- Documents and images can be simultaneously processed and exchanged on-line
- Decision-makers can cooperate independent and very productively
- Travel costs can be minimized without jeopardizing the chance of effective meetings
- Thanks to IP, communications are global while rates remain local



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 By InfoGuard