Secure GSM conferencing & tracking system

DIGI CALL

Multi party conferencing
The DigiCall conferencing & tracking server has been designed for specialized law enforcement teams such as crime squads and observation teams who need trunked radio functionality while using the GSM network. The system supports conference group sizes of up to 64 callers without intervention of a network operator thus limiting possible security risks. DigiCall offers excellent speech quality even in large conference groupsizes.

Emergency group call
The DigiCall server can dial out to several hundreds of GSM phones simultaneously in case of an emergency and connects the participants in one or more conference groups automatically. The emergency group call can be activated remotely with a special pincode.

Encryption and tracking
DigiCall GSM/GPS crypto modules with built in encryption and GPS are availabe for maximum security. All speech channels to the server are digitally encrypted, thus avoiding the risk of possible interception by an operator. Further the location of the participants can be shown dynamically on a map. Please note that the DigiCall GSM/GPS crypto module is only availabe for governmental institutions.

Recording
The server can record and store all conversations digital on harddisk, which is useful for evaluation purposes afterwards.

Security
Security is achieved by means of private box numbers, pin codes and caller ID verification. Maximum security can be achieved with optional available DigiCall crypto GSM/GPS module.

Network connectivity
The server can be connected to ISDN-30 trunklines or 30-channel GSM air interfaces. The latter option enables the server to be used fully portable.

Product features

- Up to 480 channels per server
- 999 different conference groups
- 64 callers per conference group
- Digital recording & playback of conferences
- User authentication by pincode and caller-ID verification
- Emergency outbound group call
- Digital recording of group conversations
- Mobile GSM air-interface or fixed E-1 landlines connectivity
- Tracking & tracing of conference participants

Target groups
- Crime squads
- Observation teams
- National intelligence and secret services

Company profile

DigiVox, founded in 1990, is a dutch company specialized in the development of tele-communication interception, monitoring and conferencing systems.

For our customers we have a 24 /7 service desk available, staffed with qualified engineers who have been involved in the development of the DigiCall systems and hence have the necessary knowledge to remedy any faults quickly and skillfully.

The DigiCall conference server is at present operational in use by serveral law enforcement agencies and "of the shelf" available.

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