

voxlog® professional

Recording & Documentation of Telecommunication Processes



voxlog® professional records incoming emergency calls, assignments, events and communication processes in control rooms and communication centers to demonstrate compliance with legal requirements, clarification of communication content and quality assurance.

voxlog® professional

meets all requirements of a modern recording and documentation system for telecommunications processes in a professional investment environment:

- audio-, video- and data of security-related telecommunication processes are legally compliant recorded
- recording of data streams takes place in the most recent IP technology
- Recording and analysis of analogue, digital and VOIP communication as well as radio communication over analogue and digital radio systems (analogue radio, marine radio, EDACS, GSM-R, TETRA)

Advantages

Due to the open architecture voxlog® professional can be tailored to your needs and supplemented with individual functions. In this way the system can be optimally integrated into your IT environment. Extensions of the functional range are possible and provided with an automatic roll-out function to all connected components.

- recording of VOIP, GSM-R, TETRA, analogue & digital lines and radio communication in a system
- screen recording (picture / video)
- any system size with a software
- common user interface for all applications (easy to use GUI)
- evaluation and interpretation of data / messages (FMS, FSK, POCSAG, SELECT 5 and geodata)
- mapping of virtual system units / groups
- replay of records into current discussions and conferences
- implementation of extensive redundancy concepts with geo-redundancy
- modern hardware concept, virtualization

Nutzen

In addition to the options for a modern process management and the realization of any redundancies in a complex plant structure latest interfaces and protocols provide a maximum of scalability and expansion possibilities.

The uniform operating concept, a common role management across all applications and the possibilities of virtualization make the systems extremely easy to service and offer

- simplifying communication processes
- increasing safety
- quality improvement
- cost reduction



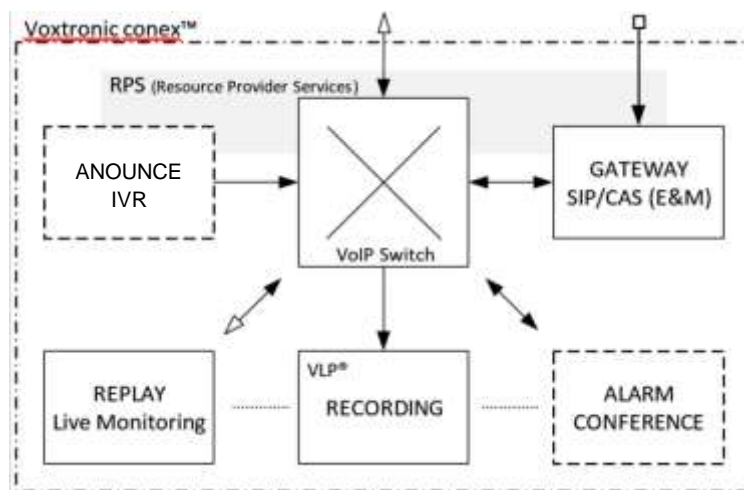
System Concept

The scope of modern telecommunication systems goes far beyond the usual requirements in place. The different applications are increasingly seen as an integral part of a total solution for call announcement, call recording, forwarding records to VOIP terminals, converts or adapts and provides with additional information.

Voxtronic Technology provides a telecommunication system of latest generation to realize these requirements. The recording system voxlog® professional is a fully integrated part of an overall solution and therefore may have recourse to all necessary applications if necessary. Integrated solutions can be realized in a system for these advanced applications.

The solution-oriented system architecture of voxlog® professional allows an individual adjustment to any communication infrastructure.

voxlog® professional is designed completely in IP / VOIP respectively Internet technology. Data are transmitted actively over IP or VOIP to the system if possible. Communication links such as digital and analogue trunks and analogue radio are converted predominantly externally in an IP stream. The processing of recording streams within the system is effected as



This system design allows communication with other systems, distribution of tasks on the IP network, realizing any redundancies and the use of central and virtualized computers (blade systems).

The excellent scalability can be expanded easily in any system size of voxlog® professional, be used even on small mobile devices.

To increase system availability and data security redundant recording of each recording stream and a geo-redundant configuration is possible.

The system includes a central management for monitoring, configuration and inventory of components as well as the handling of update and upgrade processes.

voxlog® professional has proven itself under the most stringent requirements regarding adaptability, reliability, data security and privacy in the professional use by authorities (security) as well as in the fields of telecommunication, transport, financial services, call centers, energy and industry.

Main Features

Recording Functions

- Automatic and manual recording control function (recording on demand)
- Short term documentation for workstation recording
- Screen Recording (Shot / Clip)
- Original recording detection with configurable definition
- Archiving (archiving periods freely configurable)
- Encryption of records, extended password function

Replay Functions

- Instant Replay
- Pending Call Replay (PCR)
- Live Monitoring (listening)
- Replay of multiple recordings (relative time synchronization)
- Replay into ongoing live discussions and conferences
- Search and filter with configurable automatic pre-filters

Interfaces

- Recording interfaces (IP, TDM, analogue)
- Connector to radio devices and systems (analogue radio, digital radio, TETRA, GSM-R)
- Interfaces to Gateways, external system units
- WEB-interface to integrate complex command and control systems

Management Functions

- Role management
- Multir-eye principle
- threatening phone call management
- Emergency call monitor
- Incident management

Analysis

- Evaluation and interpretation of data / messages (FMS, FSK, POCSAG, SELECT 5 and geodata)
- Speaker identification
- Logging & Reporting (KPI's)

More Functions

- Free Seating Authentication
- Integration of external databases
- Export of data for offline-processing and data backup
- voxmemory™ - safe temporary storage for subsequent and complete recording
- voxflo™ management with index support for linking additional data with records
- Project & Case Management

Optional Extensions

Operating System

Embedded operating system for server mode operation of units.

Database

SQL-based database application for data management.

voxTimeSync

This modul synchronizes Date and Time of system units with one or more time server.

voxDio4

This modul controls redundant power supplies (optional) about availability and signaled fault conditions.

voxHighLow

This module allows the statistical verification of the recording channels regarding utilization. When values are exceeded, alarm messages are sent and recognized occurring system bottlenecks by time.

voxLogSender

Enable automatic notification via email of errors and warnings.

voxStatusMailSender

This module sends automatic status messages of all units by email.

voxRaid

In RAID mode, the data is stored on multiple disks. In this way, all the data are even stored and available, if a hard disk failure occur.

voxSigGen

Test module for automatic verification of recording circuits of analogue lines in terms of functionality and line quality by automatically generated test calls and reference transmissions.

Expertise

VOXTRONIC Technology develops secure telecommunications products and solutions for enterprises with increased security requirements, and organizations with critical infrastructure in the area of public safety, public transport, military, marine, financial services and industry using latest technology.

VOXTRONIC Technology offers

- PA- (public address) and conference systems
- Gateways for special applications
- Solutions for secure documentation of communication processes
- safety critical exchanges (Dispatching)
- Systems to reliable alerting and notification

Our products and solutions increase the security of critical information, reduce the operational complexity, improve the quality of business processes and extend the options of applications.

VOXTRONIC Technology is experienced in real-time applications with large data volumes, professional interface design, integrated systems and is certified for several quality and safety standards.

Voxtronic Technology automates communication processes!

We offer smart telecommunication products and solutions for companies with high security requirements and organizations with critical infrastructure.

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