

Voxtronic.



Conex™ Voxlog®

Voice, data and screen recording
for Air Traffic Control (ATC)



Smart Communication.



Recording & documentation of communication processes

Conex™ Voxlog® records continuous ground/ground and ground/air communication, assignments, events and communication processes in ATC towers and centers to demonstrate compliance with legal requirements, and clarification of communication content.

Documentation

Audio-, Video- and Data of ATC related communication are documented in compliance with legal requirements.

ED-137

Data streams are recorded using the latest IP technology (ED-137 B,C).

Analog and digital

Recording and evaluation of analog, digital and VOIP telecommunication.

Video, Images, Documents

Video systems and CCTVs are documented in compliance with legal requirements and supplementary information such as call and connection data, geographical information and operation documents.

Screen

Screen recording gains more importance in the field of ATC. Conex™ Voxlog® recording solutions support this demand.

Radar

Record radar feeds synchronized together with other recorded sources such as audio, screens, CCTV etc.



Benefits

Conex™ Voxlog®: Central management of all system components, common role management and uniform operating concept provide up-to-date process management.

Current standard, interfaces and protocols enable integration into a complex system network.

The uniform operating concept, a common role management across all applications as well as the possibility of virtualization make the systems extremely service-friendly and therefore offer:

Compliance with regulations

Recordings are usable before court by encrypted and tamper-proof storage according to legal or operational requirements.

Increase in public security

Documentation of missions, interrogations, emergency calls, incidents and threatening situations.

Quality assurance

Optimization of the communication processes in the call center and documentation of business agreements.

Cost optimization

Space, energy and resource savings by operating in a virtual environment.

Increase system availability and data security

Redundant recording and decentralized architecture enable maximum availability.

Preservation of evidence

Allows investigation and export of air traffic incidents.

User Friendly.



Key features

Due to its open architecture, Conex™ Voxlog® is adaptable to special requirements and requests as well as customized functions.



Easy To Expand.

Recording functions

- Omnichannel recording
- Automatic and manual recording control
- Short term documentation (InstantRecall)
- Original recognition with configurable definition
- Encryption of records with extensive password function
- Screen monitoring and recording
- Archiving

Replay functions

- Instant replay
- Pending call replay (PCR)
- Live monitoring
- Playback multiple recordings
- Play ongoing conversations and conferences
- Time based attachments and note in a call
- Speaker Identification
- Search and filter with configurable automatic pre-filters
- Playback at different speeds

Interfaces

- Recording interfaces (IP, TDM, analog)
- Connections to radios and systems
- System interfaces for gateways, external system units and third-party systems
- Webinterface for integration in VCCS

Management functions

- Role management
- Multi-eye principle
- Emergency call monitor
- Incident management



Other features

IT systems have increasing security requirements. Conex™ Voxlog® supports the customer with a modern security architecture. Data is encrypted and protected against manipulation.

Analysis

Evaluation and interpretation of data telegrams
Communication party identification
Logging and reporting (KPI's)

Additional functions

Free seating authentication
Integration of external databases
voxmemory™ secure cache for subsequent and complete recording
voxflow™ management with index support for linking additional data with records
Case management
Implementation of extensive redundancy concepts with geo-redundancy

Data export

Offline processing and data security
Encoding of the recordings
Access protection also for exported data
Certainty about manipulation

Security

System configured according to BSI Guidelines

Security.



About us

Voxtronic develops secure communication products and solutions for enterprises with high security requirements and organizations with critical infrastructure for public safety, public transport and industry by using the latest technologies.

Conex™ Platform

- Operator Position - Conex™ Dispatch
- Air Traffic Communication - Conex™ VCCS
- Documentation of Communication Processes - Conex™ Voxlog®
- Technical Control & Monitoring System - Conex™ TCMS
- Session Border Controller - Conex™ SBC
- Gateway - Conex™ Gateway
- Data Analysis - Conex™ Analytics
- Access Control & Time and Attendance - Conex™ Access

Join™ VLC

Join™ VLC is a analog- and ED-137-Gateway for integrating analog sources into a modern IP infrastructure.

Voxtronic Service

- Projects
- Development
- Installation
- Training
- Maintenance

Certificates

- ISO 9001
- ISO 14001
- ISO 27001
- DMR Association Member

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