

VOCORD Ater/Abis

Solution for Cellular Service Providers

Application field

- Documentation systems for dispatch communications;
- Documentation systems for corporate microcellular networks GSM, CDMA, 3G;
- Monitoring systems for technical communication channels Ater/Abis/Gb.

Description

VOCORD Ater/Abis is a software-hardware system for recording, storage, replication, analysis and sorting of connections and other telematic information, transmitted over technical channels Ater/Abis/Gb of the following mobile radio networks: GSM, CDMA, 3G.

VOCORD Ater/Abis provides:

- non-destructive non-detectable connection to channels Ater/Abis/SS7/HSL/Gb;
- automatic session selection Ater/Abis/SS7;
- support for up to 1500 simultaneous sessions Ater/SS7;
- support for up to 480 simultaneous sessions Abis/SS7;
- real-time speech and service data processing for sessions Ater/Abis/SS7/HSL/Gb/SMS/MMS/CSD/GRPS/USSD/HSCD;
- creating and managing SQL DBMS for all sessions Ater /Abis/SS7/HSL/Gb;
- simultaneous work with different audio codecs;
- integration with modern telecommunication equipment.

Technical Specifications

Parameter	Value
DBMS total capacity	Up to 10 mln records
Maximum archive capacity	24.0 Tbytes
Interoperation	
Audio codecs	G.711, EVRC, EFRC , GSM-FR, -HR, -EFR, -AMR, -AMRWB
Protocols and service types	SS7, SMS, MMS, USSD, CSD, V.110, GPRS, HSCSD
Telecommunication equipment	Nokia, Siemens, Ericsson, Huawei