ReDat Recording

ReDat Recorder

Recording system intended for recording IP telephony, screens, HIDs and data communication. At the same time, the device supports the recording of general data, such as radar data, data messages or other data of a general nature.

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DEVICE SPECIFICATIONS

- SW solution delivered together with the ReDat eXperience application platform.
- The recording is realized using a standard Ethernet interface, or via IF cards or external boxes (DVI, DP, KMM, MIC-4CH).
- Integration into LAN/WAN networks.
- Recording switching: permanent recording, manual control, signaling, RTP detection, CTI integration, special protocol (ED-137, SIPREC).
- Supported codecs: G.711, G.723, G.729, G.722, iLBC.
- Supported protocols: SIP, SIPREC, RTPS, RTP, H.323, MGCP, ED-137, GSMR and proprietary protocols.
- NTP time synchronization support.
- Redundant solution support.
- SNMP diagnostics.
- Support for active and passive recording of VoIP telephony.

MINIMUM SERVER REQUIREMENTS

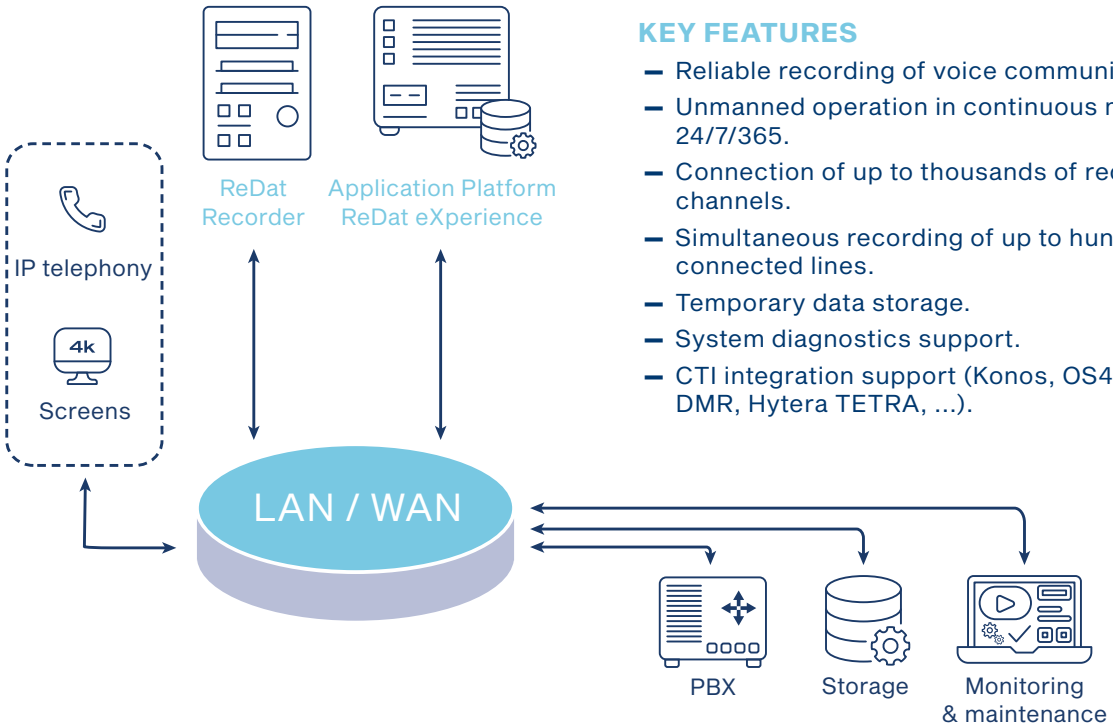
- CPU: 2GHz Quad Core
- RAM: 4GB, HDD: 500GB
- LAN: 2x 10/100/1000Mbit Ethernet
- OS: Windows Server 2016/2019/2022, Windows 10/11.

ACTIVE METHOD OF RECORDING

- The communication system initiates the establishment of a voice connection to the recording system for the purpose of recording, the data flow is directly directed to the ReDat Recorder.
- This method is most often used for recording:
  - IP phones,
  - VCS/GRS,
  - dispatch terminals,
  - screens,
  - radar surveillance data (ASTERIX),
  - radar flight data (multicast/unicast),
  - datalink,
  - HIDs..
- Supported technologies: Cisco, Atos Unify, TTC, Alcatel-Lucent, DCom, RTSP, Avaya, Mitel, Genesys SIP, etc.

PASSIVE METHOD OF RECORDING

- The data intended for recording is brought to the recording device using the mirroring function, set on the active elements of the LAN network.
- Support for SPAN port, RTSPAN and TAP switches.
- This method is used for recording IP telephony.
- Supported technologies: Cisco, Atos Unify, Alcatel-Lucent, Mitel, Genesys, Avaya, Ericsson, Nortel, Kapsch, Matra, DCom, etc.



KEY FEATURES

- Reliable recording of voice communication.
- Unmanned operation in continuous mode 24/7/365.
- Connection of up to thousands of recording channels.
- Simultaneous recording of up to hundreds of connected lines.
- Temporary data storage.
- System diagnostics support.
- CTI integration support (Konos, OS4K, Hytera DMR, Hytera TETRA, ...).

ReDat Recording Systems provides a sophisticated system for recording voice, screen and other relevant data. The system automatically analyzes the data to make it available to system users in a clear and structured way.

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