

MiaRec

Call Recording System Specification

Supported codecs

- G.711
 - G.722
 - G.726-32k
 - GSM
 - G.729
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Supported recording methods

- SIPREC
 - Broadworks
 - AcmePacket/Oracle SBC
 - Avaya SBCE
 - AudioCodes SBC
 - Metaswitch CFS
 - Metaswitch Perimeta SBC
 - Cisco BiB
 - Avaya TSAPI+DMCC
 - Passive recording (port mirroring)
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Supported signaling protocols (for port mirroring)

- SIP
 - H.323
 - MGCP
 - Skinny
 - Nortel UNISTIM
 - Avaya H.323
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Audio file compression

- MP3 (with configurable bitrate and quality)
 - 7.2MB/hour (mixed)
 - 14.4MB/hour (dual)
 - WAV (uncompressed)
 - 57.6MB/hour (mixed)
 - 115.2MB/hour (dual)
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Audio mixing

- dual (each party is stored in a separate audio channel of stereo file)
 - mixed
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Audio quality improvements

- AGC (automatic gain control)
 - PLC (packet loss concealment)
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PCI Compliance

- Pause/resume recording
 - Audit log
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Live monitoring

- RTSP protocol
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Integration with third-party applications

- REST API
 - SOAP API
 - Direct access to database
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Supported platforms

- Windows Server 2008/2012 (64-bit)
- Windows 7/8/8.1 (32-bit and 64-bit)
- Centos/RedHat 6 (64-bit)
- Centos/RedHat 7 (64-bit)
- Ubuntu Server 14.04 LTS (64-bit)

Database

- PostgreSQL 9.3+

Web UI

- Apache web server
 - Python web portal scripts
 - Celery (asynchronous task queue)
 - Redis (message broker, cache)
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