

TekTape - Audio Recorder for SIP & SCCP Calls

TekTape is an audio recorder and call detail records (CDR) generator for Windows (Vista, 7/8/10, 2003-2016 Server).

TekTape comes with an easy to use HTTP interface. This interface provides real time monitoring of SIP calls on the network and even listening a SIP or SCCP call in real time. TekTape can decode TLS with SRTP if server certificate used for TLS session is installed Local Windows Certificate Store / Local Machine / Personal folder and the private key is accessible.



Monitoring Interface

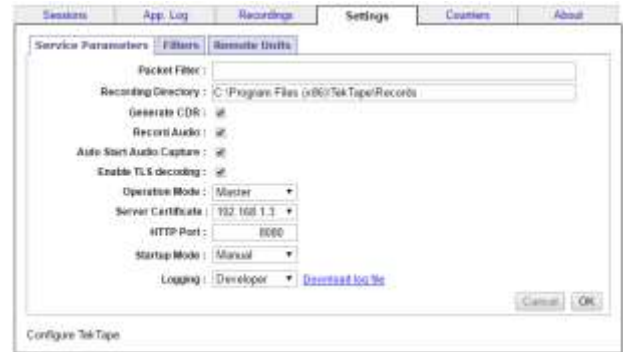
Call monitoring is accomplished by either by sniffing Ethernet network directly or via TZSP. TekTape can record audio conversations either in wave or MP3 format. You can listen audio conversation in real time with reasonable delay through the HTTP interface of TekTape.

Call from	Call to	Start date	End date	Duration
101	102	2.2.2016	11:33	11:33
102	101	2.2.2016	11:36	11:36
101	102	2.2.2016	11:48	11:48
102	101	2.2.2016	11:45	11:45
102	101	2.2.2016	11:50	11:50
102	101	2.2.2016	11:50	11:50
102	101	2.2.2016	11:50	11:50
102	101	2.2.2016	11:56	11:56
101	102	2.2.2016	11:57	11:57
102	101	2.2.2016	12:01	12:01
101	102	2.2.2016	12:01	12:01
102	101	2.2.2016	12:12	12:12
101	102	2.2.2016	12:15	12:15
102	101	2.2.2016	12:23	12:23

TekTape Records Tab

Recorded audio files can be browsed through TekTape interface. Called, calling numbers, call date time and duration can be seen Records tab of the interface. You can also play recorded audio files.

TekTape can be also used just for creating CDR data. Created CDR data can be exported in CSV format. You can also create recording filters based on called, calling number, SIP user agent and IP address.



TekTape Settings Tab

TekTape can decode G.711 A-Law, G711 μ -Law, GSM, G.722 and G.729 codecs.

You can record audio in multiple sites and consolidate audio recordings in a central site.

System Requirements

1. A Windows system with at least 2048 MB of RAM.
2. Microsoft.NET Framework 4.6.1 (Min.)
3. 10 MB of disk space for installation.
4. Replication of LAN traffic to the Ethernet port of TekTape installed machine in an Ethernet switching environment or Support for TZSP protocol in network equipment deployed.

Supported SIP Standards

- RFC 2246** The TLS Protocol Version 1.0
- RFC 2616** Hypertext Transfer Protocol -- HTTP/1.1
- RFC 3261** SIP: Session Initiation Protocol
- RFC 3515** The Session Initiation Protocol (SIP) Refer Method
- RFC 3550** RTP: A Transport Protocol for Real-Time Applications
- RFC 3711** The Secure Real-time Transport Protocol (SRTP)
- RFC 3891** The Session Initiation Protocol (SIP) "Replaces" Header
- RFC 3892** The Session Initiation Protocol (SIP) Referred-By Mechanism
- RFC 4346** The TLS Protocol Version 1.1
- RFC 4568** Session Description Protocol (SDP) Security Descriptions for Media Streams
- RFC 5246** The TLS Protocol Version 1.2
- RFC 7627** TLS Session Hash and Extended Master Secret Extension

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