

# SERVER SPECIFICATIONS

## (Virtual or bare metal)

Operating Systems	64-bit. Linux (Centos 7), any Windows. <i>*for SIPREC or Cisco BIB, OS must be LINUX</i>
Hard Drive	High-speed HD (7200 RPM or faster). <i>*recommend two HDs for over 300 concurrent calls.</i>
NIC	Two (2) for port mirror/packet capture recording One (1) for active recording (SIPREC, Cisco BIB, Avaya DMCC)

Maximum Concurrent Calls per recording method		Recommendations for CPU, Cache & RAM based on <u>maximum concurrent calls</u>		
Port mirror / passive	SIPREC / active	CPU Cores	L2 Cache	RAM
150	250	Dual-core	4MB	8GB
350	500	Quad-core	8MB	8GB
800	1,000	8-core	12MB	8GB
1,200	1500	12-core	16MB	16GB
1,600	2,000	16-core	20MB	16GB
2,000	2,500	20-core	24MB	16GB
2,400	3,000	24-core	24MB	16GB

Storage	Count 1.6 KBytes/second of standard audio (GSM format...our default storage format) – Stereo audio is 12-16 Kbytes/second. <i>For examples...</i> standard/mono audio - 500GB of disk space stores approximately 100,000 hours of audio stereo audio - 500GB of disk space stores approximately 10,000 hours of audio
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Codecs	G.711, G.729A, G.723.1, G.722, iLBC, GSM6.10, Speex, Opus, AMR, AMR-WB
Protocols	SIP, SIPREC, H.323, DMCC, Cisco BIB or Skinny, MGCP, IAX2, Alcatel UA/NOE, Nortel UNISTIM, Siemens HFA