TECHNICAL SPECIFICATIONS

ANANT Unified Communication Software

Matrix has designed an enterprise-grade highly capable, durable, scalable, and efficient Unified Communication Software solution – ANANT UCS. The hardware-independent platform provides customers with a choice to select a reliable server as per their requirements. With a range of enterprise-grade calling features, it improves employees' productivity and speeds up the decision-making process.

Parameters	Specifications
SIP Extensions	5000
SIP trunks	99
Maximum Transcoding Audio Calls (a-Law/u-Law)	Based on Resources (Max. 1024)
Maximum Transcoding Audio Calls (G.729)	Based on Resources (Max. 1024)
Maximum DRTP/RTP Relay Audio Calls	1024

Maximum DRTP/RTP Relay Video Calls	**102**
Maximum Voicemail Channels	**64**
Maximum Conference Participants (System wide)	**1536**
Maximum 3-Party Conference	**512**
Maximum Participants in a Single Multi-Party or Dial-In Conference	**64**
Maximum Call Tapping or Recordings	**64**
Audio Codecs	**G.729, G.711(A-law, μ-law), G.722, iLBC (30 ms, 20 ms)**
Supported IETF RFCs	**3261, 3262, 3389, 3550, 3551, 3311, 3265, 4733, 2915, 2916, 2327, 2833, 2806, 768, 793, 1034**
Network Protocols	**IPv6, IPv4, TCP, UDP, SNTP, ARP, ICMP, PPP, DNS, SMTP, STUN**
VoIP Quality of Service	**Support of Layer 2/3 CoS/QoS for SIP Support of Layer 3 QoS for RTP**
Security	**SRTP/TLS over SIP, MD5 Authentication for SIP, Password encrypted with AES128 algorithm**
Configuration	**Web Based Intuitive GUI, Jeeves**

VOICEMAIL	
Parameters	**Specifications**
Type	**Built-in Software**

VMS Channels	64
Voicemail Box	Dedicated Mail Box for each Extension
Voice Recording	Recording up to 37,316 hours with 1 TB Hard Drive

SERVER SPECIFICATIONS	
Parameters	**Specifications**
Server Model	Any
Processor Model	Intel Xeon E-2134 or above
CPU Speed	3.5 GHz or above
CPU Core/Thread	4/8
Max Turbo Frequency	4.5 GHz or above
Cache	8 MB Smart Cache
RAM	8 GB DDR4 ECC
Hard Disk	1 TB (1 No.) - Without RAID Support 1 TB (2 Nos.) - With RAID1 Support 1 TB (3 Nos.) - With RAID5 Support
Form Factor	1U (RACK)
Raid Controller (Optional)	H330 Raid Controller*

*H330 Raid Controller is built-in hardware in Dell Server.

Note: Specifications are subject to change without prior notice

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern organizations. Matrix offers a comprehensive range of solutions for IP Video Surveillance, Access Control, Time-Attendance, and Telecom applications. The solutions are designed to meet the communication and security requirements of large enterprises having offices in multiple locations, SMEs, and SMBs.

As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched over 60 cutting-edge products and solutions.

IP Video Surveillance includes solutions like Video Management Systems, Network Video Recorders, and IP Cameras. Likewise, solutions in Access Control and Time-Attendance include Visitor Management Solutions, Elevator Access Control, Panels, Door Controllers, and Readers.

We offer Telecom Solutions such as Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints. All these solutions are feature-rich, reliable, and conform to international standards.

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