



Redefining Enterprise Communication

ANANT UCS is an enterprise-grade high capacity, high durability, high scalability and high efficacy software-based communication solution. ANANT UCS offers a range of enterprise grade calling features that improves employees' productivity and speeds up the decision-making process. With an in-call redundant system, ANANT UCS boasts of providing the best customer engagement. The hardware-independent platform provides customers with a choice to select a reliable server as per his requirement.

TECHNICAL SPECIFICATIONS

Type	IP at core
Signaling	SIP
SIP Extensions	5000
SIP Trunks	99
Max. DRTP/RTP Relay Audio Calls	1024
Max. Simultaneous Transcoding Audio Calls	1024
Max. DRTP/RTP Relay Video Calls	102
Max. Three-party Conference	512
Max. Conference Participants (System Wide)	1536
Max. Participants in a Single Conference	64
Max. Voice Mail Channels	64
Max. Call Recording/Tapping	64
Redundancy	1+1 Active-Stand-by Redundancy
Supported IETF RFCs	3261, 3262, 3389, 3550, 3551, 3311, 3265, 4733, 2915, 2916, 2327, 2833, 2806, 768, 793, 1034
Configuration	Web-based Intuitive GUI
Security	<ul style="list-style-type: none"> MD5 Algorithm for SIP TLS and SRTP over SIP Password Encrypted with AES128 Algorithm in Configuration Files
Web Browser compatibility	<ul style="list-style-type: none"> Chrome Firefox Internet Explorer

VOICEMAIL

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

VOIP

Type	Built-in Software
Network Protocol	IPv6, IPv4, TCP, UDP, SNTP, STUN, ARP, ICMP, PPP, DNS, SMTP
SIP	Maximum 99 SIP Accounts per System, Out Bound Proxy Support, Display Name, User Name, Password, URL, Proxy URL, Register Interval
Voice	Dynamic Jitter Buffer (Adaptive), Comfort Noise Generation and Voice Activity Detection
NAT	STUN and NAT Keep Alive
Voice CODECs	G.729, G.711 u-law, G.711 A-law, iLBC – 30 ms, iLBC – 20 ms, G.722
Call Progress Tones	Dial tone, Ring Back Tone, Busy Tone, Error Tone, Call Waiting Tone, Confirmation Tone, Feature Tone, Programming Tone,
Quality of Service	Support of Layer 2/3 CoS/QoS for SIP Support of Layer 3 QoS for RTP

GENERIC SERVER SPECIFICATIONS

Server Manufacturer	Any
Processor	Intel Xeon E-2134 or above
CPU Speed	3.5 GHz or above
CPU Core/Thread	4/8
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
NIC	1 Gbps (2 Nos.)

ANANT UCS PLATFORM - Features:

- Abbreviated Dialing (Global and Personal)
- Access Codes
- Account Codes
- Alarms
- Alternate Number Dialing
- Apple Push Notification Service Support
- Auto Call Back
- Auto Configuration for SIP Phones and UC Clients
- Auto Redial
- Auto-attendant
- Automatic Number Translation
- Authority Codes
- Background Music (DKP and SLT)
- Backup SMDR
- Backup System Configuration
- Backup System Software
- Barge-in
- Busy Lamp Field for Trunks
- Call Back on Trunk Ports
- Call Budget on Extensions
- Call Budget on Trunks
- Call Chaining
- Call Cost Calculation and Display
- Call Duration Control and Display
- Call Forward
- Call Park
- Call Pick Up
- Call Progress Tones
- Call Taping
- Call Transfer
- Call Toggle
- Calling Line Identification and Presentation (CLIP)
- Calling Line Identity Restriction (CLIR)
- Cancel All Station Features
- Class of Service (COS)
- CLI based Routing
- Closed User Group
- Conference – Multiple Participants
- Conference Dial-in
- Conflict Dialing
- Continued Dialing
- Conversation Recording
- COSEC Integration
- Customer Name
- Date and Time Format
- Daylight Saving Time (DST)
- Day Night Mode
- Department Call
- Dial By Name
- Dialed Number Directory
- Dial Plan for SIP Extension
- Digest Authentication (on SIP)
- Direct Dialing-in (DDI)
- Direct Inward System Access (DISA)
- Direct Station Selection Console (DSS Console)
- Distinctive Rings
- Do-Not-Disturb (DND)
- Dynamic Lock
- Email Notification (VMS)
- Emergency Calls Detection and Reporting
- Emergency Conference
- Emergency Number Dialing
- Emergency Calls (911) – Reporting to PSAP
- Extended IP Phone/VARTA UC Client
- Firebase Cloud Messaging (FCM) Support
- Flexible Numbers (Up to 6 Digits)
- Floor Service
- Follow Me
- Forced Answer
- Forced Call Disconnection
- Help Desk
- Handover and Handoff
- Hot Desking
- Hotline (Immediate and With Delay)
- Holiday Table
- IM (Chat)
- Installation Wizard
- Incoming CLI Modification
- Intercom
- Internal Call Restriction
- Interrupt Request
- IPv6 Ready
- Last Caller Recall
- Last Number Redial
- Least Cost Routing (Carrier Pre-Selection)
- License Management
- Lightweight Directory Access Protocol (LDAP)
- Live Call Supervision
- Logical Partitioning
- Meet Me Paging
- Message Wait Indication
- Mobility Extension
- Multi-stage Dialing
- Music-On-Hold
- Mute
- Number Lists
- NAT and STUN (VoIP)
- One Touch Transfer
- Online SMDR
- Paging
- Peer-to-Peer Calling
- Presence Sharing
- PIN Dialing
- Preset Call Forward
- Priority (Intercom and Trunk)
- Privacy
- Quick Dial
- Redundancy
- Reminder
- Raid
- Real Time Clock
- Return Call to Original Caller (RCOC)
- Room Monitor
- Routing Group
- Response Mapping
- Selective Port Access
- Self Ring Test
- Shared Call Appearance
- SMTP Settings
- Simple Network Management Protocol (SNMP)
- Simple Network Time Protocol (SNTP)
- SIP and RTP QoS (VOIP)
- SIP over TCP and TLS
- SMDR Posting (Call Accounting System Interface)
- Station Groups
- Station Message Detail Record
- Static Routing Table
- System Activity Log and Display
- System Administrator (SA) Mode
- System Engineer (SE) Mode
- System Fault Log and Display
- System Security
- Time Tables
- Time Zone Display
- Toll Control
- Trunk Landing Group
- User Absent/Present
- User Password
- Video Calling
- Virtual Extensions
- Voicemail
- Walk-in Class of Service (Single/Multiple calls)
- Web based Programming

SUPPORTED MATRIX IP PHONES AND SOFT CLIENTS



SPARSH VP110



SPARSH VP310E



SPARSH VP330E



SPARSH VP510E



SPARSH VP710

ORDERING INFORMATION

ANANT UCS PLATFORM	
ANANT UCS PLATFORM	License for Unified Communication Server for Open Server Platform
ANANT VMS CHNL4 ANANT VMS CHNL16 ANANT VMS CHNL32	License for Voicemail Channels for ANANT UCS to support 4/16/32 simultaneous voice mail sessions
ANANT IPSUB10 ANANT IPSUB50 ANANT IPSUB100 ANANT IPSUB500	License of IP Subscribers for ANANT UCS to create 5/10/50/100/500 VoIP subscribers
ANANT VARTA USER5E ANANT VARTA USER10E ANANT VARTA USER50E ANANT VARTA USER100E	License for 5/10/50/100 VARTA Soft Clients with Essential features. ANANT UCS needs this license to register Android/iOS/Windows Desktop UCS Clients. This license is not required for Hardware IP-Phones.
ANANT VARTA USER5P ANANT VARTA USER10P ANANT VARTA USER50P ANANT VARTA USER100P	License for 5/10/50/100 VARTA Soft Clients with Professional features. ANANT UCS needs this license to register Android/iOS/Windows Desktop UCS Clients. This license is not required for Hardware IP-Phones.

ANANT VARTA USER5C ANANT VARTA USER10C ANANT VARTA USER50C ANANT VARTA USER100C	License for 5/10/50/100 VARTA Soft Clients with Premium Collaboration features. ANANT UCS needs this license to register Android/iOS/Windows Desktop UCS Clients. This license is not required for Hardware IP-Phones.
ANANT CONF8 ANANT CONF16 ANANT CONF32	License for 8/16/32 Conference Channels for larger conferences. ANANT UCS needs this license for more number of participants in a single conference.
ANANT HOSPITALITY USER10 ANANT HOSPITALITY USER50 ANANT HOSPITALITY USER100 ANANT HOSPITALITY USER500	License to enable Hospitality functions suite for 10/50/100/500 users in ANANT UCS to support hospitality functions and features used in Hotel-Motel.
ANANT PMS USER10 ANANT PMS USER50 ANANT PMS USER100 ANANT PMS USER500	License to enable Property Management System interface for ANANT UCS to integrate with third party Property Management System (PMS) used in Hotel-Motel.
ANANT HOSPITALITY E911 USER10 ANANT HOSPITALITY E911 USER50 ANANT HOSPITALITY E911 USER100 ANANT HOSPITALITY E911 USER500	License to enable Direct Dialing of Emergency Number 911 without any prefix for 10/50/100/500 users in ANANT UCS. Applicable only for US market.
ANANT REDUNDANCY USER10 ANANT REDUNDANCY USER50 ANANT REDUNDANCY USER100 ANANT REDUNDANCY USER500	License to enable Redundancy functionality for 10/50/100/500 users in ANANT UCS. Additional (redundant) server hardware is required for Redundancy function to work. No license is required to be activated on the redundant hardware for Redundancy functionality.
ANANT AUP USER10 ANANT AUP USER50 ANANT AUP USER100 ANANT AUP USER500	License for Annual Upgradation Package (AUP) for 10/50/100/500 Users valid for 12 months. This license is for software support. All system will come with built in 1-year software support license. During support period, all the releases/ upgrades/ patches release for the product shall be available to the customer free of cost.

Note: Dell Server can be ordered at Matrix. Refer pricelist for specific product requirement.

ABOUT MATRIX

Established in 1991, Matrix is a leader in security and telecom solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many national and international awards for its innovative products.



MATRIX COMSEC

Head Office

394-GIDC, Makarpura, Vadodara-390 010, India.

Ph: +91 265 2630555

E-mail: Inquiry@MatrixComSec.com

SMS 'MATRIX' to +91 99987 55555

Factory

19-GIDC, Waghodia, Vadodara-391 760, India.

Ph: +91 2668 263172/73

www.MatrixTeleSol.com

Call: (+91) 1800-258-7747