



## UNIFIED COMMUNICATIONS

### Pure IP solutions for Modern Enterprises

Today's dynamic enterprise environment requires smarter communication solutions for diversified roles of employees. Flexible device usage and round the clock-connectivity is the need of the hour for mobile workforce to give them consistent-in office experience while working from home, between appointments or on the move. Increasing competition, flexible work places and timings fuels the need for more collaborative communication solutions. With Collaboration and Mobility as the key aspects of business communication, the term 'Unified Communications' has evolved.

The field of enterprise communication is constantly evolving due to diverse communication needs of small and large enterprises. Globally, IP technology has become the primary underlying technology for enterprise communication products, unifying different communication mediums. Nowadays, modern enterprises are located over multiple locations because of which they require continuous connectivity with their customers and among internal employees. Real-time sharing of information is essential to enhance customer response, employee effectiveness and quick decision making. In today's dynamic business environment, success is directly linked with continuous and collaborative communication to enhance an organization's productivity.

# MATRIX PRASAR UCS

Matrix PRASAR UCS, an Enterprise Unified Communication Server connects internal and external decision makers at multiple locations for effective communication and real-time collaboration. It enables enterprises to enhance business processes by unifying communication mediums to simplify the daily workflow and increase

their response time. Being a pure IP solution, PRASAR UCS is a single box solution, scalable up to 2100 users, as per future communication needs of the organization. Bring people together anytime, anywhere, and on any device with our integrated collaboration infrastructure for voice and video calling, messaging, and mobility.

## BENEFITS OF PRASAR UCS

### BUSINESS COMMUNICATION



- Enable quick decision making by effective communication between team members at headquarters, branch office and on the move.
- Scale up communication needs according to organizational growth with this Single Box solution.

### COLLABORATION AND RESPONSIVENESS



- Increase employee responsiveness towards customers by communicating over voice, video and chat.
- Employee collaboration leads to improved business operations and increased efficiency.

### MOBILITY



- Increase Productivity with Instant Communication from Anywhere, Anytime
- Single number to Make and Receive Calls from Any Device, Anywhere

## FEATURES OF MATRIX PRASAR UCS



**Scalable up to 2,100 UC Users**



**Corporate Directory Integration**



**64 Party Simultaneous Conference 21 Three-party Conference**



**Up to 550 Concurrent Calls**



**Multi Lingual IVR 128 Auto-attendant Menus**



**1U Enclosure**



**Up to 99 SIP Trunks**



**64 Ports Voice Mail System Record Conversations**



**Unified Messaging**



**248 VoIP Channels**



**Presence Sharing BLF Notification**



**Redundant Power Supply Port**

## APPLICATION SCENARIOS

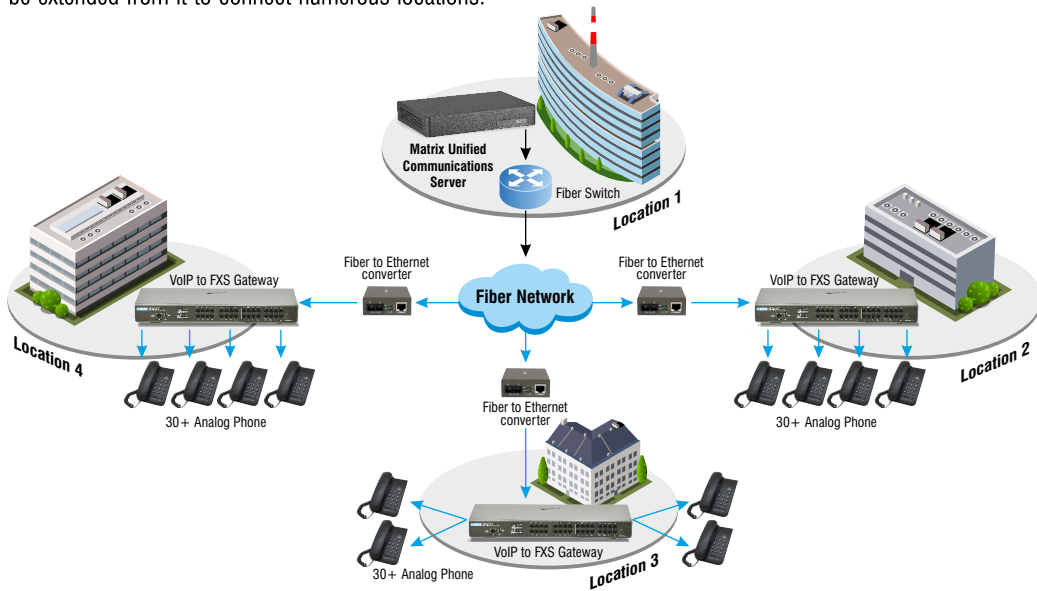
Matrix PRASAR UCS is a powerful Unified Communication solution that provides enterprises with integrated mobility and unified messaging. It helps enterprises improve collaboration (video calling, chat, presence sharing, voicemail to email, conference, etc.) among all their employees, irrespective of its size and geographic location. Matrix PRASAR UCS proves to be a complete solution for inter branch office collaboration and communications. Dispersed branches can be tied together over the IP network, with PRASAR UCS located at the Head Office. Low tariff internet telephony between geographically spread locations helps reduce the communication cost. Multi-site connectivity over IP also facilitates usage of common dial plans and numbering across the geographically distant branches. Theseamlessly connected branches can also share a common Auto- attendant and VoiceMail system.

In the world of IP, an end user terminal can be an IP Deskphone, a UC Client and Business App for Android/iOS/Windows PC. Employees can use their own device (Smartphones/Tablets) for personal and professional purposes, whether they are in the office or working remotely. A user can have multiple contact points mapped to a common user identity. Hence, the user has the convenience to be connected irrespective of his location. Presence further determines the availability of a user (such as online, offline), his willingness to participate in a communication session (busy, available on phone, out of office and others) and his preferred mode of communication (call or instant messaging), before an actual conversation begins. A user now has the right to alter his presence status at his will and intimate the same to others instantly, through presence sharing in real-time.

## PRASAR UCS - ENTERPRISE

Most corporations have multiple offices across the globe. Matrix PRASAR UCS can be configured as the main server and various IP endpoints can be extended from it to connect numerous locations.

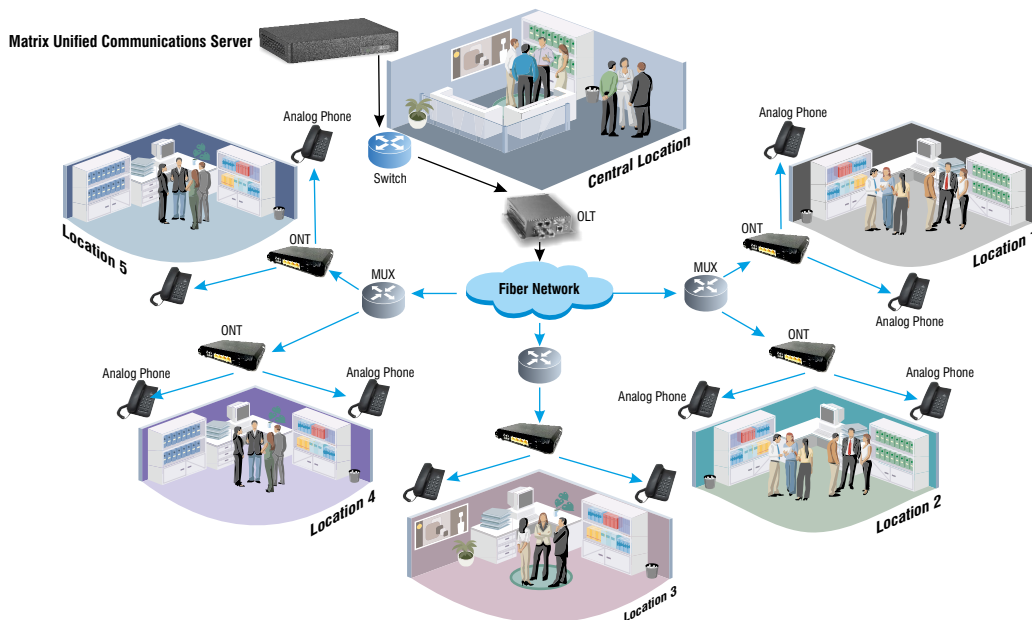
The entire network communicates through the internet, giving flexibility to multi-located offices.



## PRASAR UCS - IP INTERCOM

Single location enterprises usually procure bundled voice and data services which have recurring cost. The introduction of fiber cables has reduced the requirement of laying separate cables for communication and internet connectivity due to their excellent performance in long distance applications. PRASAR UCS simplifies

communication networks by connecting with the fiber cable network of enterprises or residential projects to deliver Voice over IP. PRASAR UCS being a pure IP enabled and scalable solution, is a cost-effective choice over procuring bundled services.



## Matrix VARTA – The UC CLIENT for SEAMLESS COLLABORATION

Matrix VARTA is a UC Client series redefining communication experience with its variety of collaboration features and intuitive user interface. Powered by Matrix PRASAR UCS, VARTA empowers users to switch the extension to their desktop computer, Android and iOS mobile devices. With a perfect blend of Mobility and Collaboration, Matrix VARTA is a real-time communication solution which elevates communication effectiveness and business productivity to the next level. It comes loaded with three sets of features - Essential, Professional and Collaboration.

- **VARTA ADR100**  
*UC Client Application for Android Smartphones*

- **VARTA AMP100**  
*UC Client Application for iOS Smartphones*

- **VARTA WIN200**  
*UC Client Application for Windows PC*



**1000 DSS & 600 BLF keys**



**Outlook VARTA Integration**



**Corporate Directory Integration**



**Drag and Drop Conference**



**Presence Sharing**



**Contact Grouping**



**Call Management**

## IP DESKPHONES

SPARSH VP series of IP endpoints meet the challenges of today's business for efficient call management and ease of use. Ergonomically designed and feature packed SPARSH VP Phones increase staff productivity and enhance business communication with High Definition Voice and Video, Touch Screen Interface, Adjustable LCD, Busy Lamp Field and Direct Station Selection Keys.



**SPARSH VP510E - Premium IP Phone**

- 240\*64 Pixels Graphical LCD with Backlit
- 16 DSS/BLF Keys
- 4 Context Sensitive Keys
- \*32 Keys Expansion Module (DSS532)
- Power over Ethernet (POE)
- Proprietary IP Phone



**SPARSH VP210 - Business IP Phone**

- 128 x 64 Graphical LCD
- Context-sensitive and Feature Keys
- Power on Ethernet (IEEE 802.3af)
- Open SIP Phone

## IP OPERATOR CONSOLE

DSS532 - The operator console for business communications, acts as a dashboard for operator, assisting in managing heavy traffic of incoming calls. DSS532 offers 32 programmable keys showing line's status for Idle, Ringing or Busy with multi-colored illuminations.



**DSS532**



**SPARSH VP510E WITH DSS532**

- Flexible Usage
- Max 4 such DSS532 per Operator
- No Need of IP User License
- 32 Programmable Keys



## ORDERING INFORMATION

PRODUCT	DESCRIPTION
<b>PRASAR UCS</b>	
SPARK200	<p>Pure IP Hardware Platform for Unified Communication Server</p> <ul style="list-style-type: none"> <li>• Pre-loaded with 1 VOCODER</li> <li>• On-Board CPU and AC Power Supply in 1U Enclosure</li> <li>• No Separate Hardware for VMS</li> <li>• Max. IP Trunks: 99 (license-free)</li> <li>• Max. IP Users: 2100</li> <li>• Max. VOCODER Channels: 248</li> <li>• Max. VMS Channels: 64</li> <li>• SPARK200 will come with PRASAR UCS ENT license built-in</li> </ul>
PRASAR UCS SME to ENT	<p>License to Scale Software Platform from PRASAR UCS SME to PRASAR UCS ENT</p> <ul style="list-style-type: none"> <li>• Licenses for 100 IP Subscriber</li> <li>• Licenses for 5 VARTA ESSENTIAL</li> </ul>
PRASAR IPSUB5 PRASAR IPSUB10 PRASAR IPSUB50 PRASAR IPSUB100 PRASAR IPSUB500	<p>License of IP Subscribers for PRASAR UCS to create 5/10/50/100/500 VOIP subscribers.</p>
PRASAR VARTA USER5E PRASAR VARTA USER10E PRASAR VARTA USER50E PRASAR VARTA USER100E PRASAR VARTA USER500E	<p>License for 5/10/50/100/500 VARTA UCS SOFT CLIENTS with ESSENTIAL features. PRASAR UCS needs this license to register ANDROID/IOS/WINDOWS desktop UCS clients. This license is not required for HARDWARE IP-PHONES.</p>
PRASAR VARTA USER5P PRASAR VARTA USER10P PRASAR VARTA USER50P PRASAR VARTA USER100P PRASAR VARTA USER500P	<p>License for 5/10/50/100/500 VARTA UCS SOFT CLIENTS with PROFESSIONAL features. PRASAR UCS needs this license to register ANDROID/IOS/WINDOWS desktop UCS clients. This license is not required for HARDWARE IP-PHONES.</p>
PRASAR VARTA USER5C PRASAR VARTA USER10C PRASAR VARTA USER50C PRASAR VARTA USER100C PRASAR VARTA USER500C	<p>License for 5/10/50/100/500 VARTA UCS SOFT CLIENTS with COLLABORATION features. PRASAR UCS needs this license to register ANDROID/IOS/WINDOWS desktop UCS clients. This license is not required for HARDWARE IP-PHONES.</p>
PRASAR VMS CHNL4	<p>License VoiceMail channels for PRASAR UCS to support 4 simultaneous voice mail sessions.</p>
PRASAR VMS CHNL16	<p>License VoiceMail channels for PRASAR UCS to support 16 simultaneous voice mail sessions.</p>
PRASAR CHNL4	<p>License for 4 VOCODER channels for PRASAR UCS. Vocoder channels are a common resource pool for Transcoding calls, Voice Mail, Call Recording, Call Tapping and Conference. (Vocoder Channel is required &amp; license is common for SME and ENT)</p>
PRASAR CHNL16	<p>License for 16 VOCODER channels for PRASAR UCS. Vocoder channel are common resource pool for Transcoding calls, Voice Mail, Call Recording, Call Tapping and Conference. (Vocoder Channel is required &amp; license is common for SME and ENT)</p>

PRASAR CONF8	License for 8 parties Conference participants for PRASAR UCS, this can be 1 CONF with 8 participants or 2 CONF with 3 participants and so on.
PRASAR AUP (Annual Upgrade Package)	This license is for software support. All systems will come with a built-in 1 year software support license. During the support period, all the releases/ upgrades/ patches released for the product shall be available to the customer free of cost.
PRASAR REDUNDANCY SME	License to Enable Redundancy Functionality for PRASAR UCS SME <ul style="list-style-type: none"> <li>• License will be Activated on the Primary SPARK200 Hardware</li> <li>• All Feature Licenses will be Duplicated on the Secondary Hardware when the Primary Hardware Fails</li> <li>• Note: Additional (Redundant) SPARK200 hardware is required for redundancy function to work. No License is required to be activated on the redundant hardware for redundancy functionality</li> </ul>
PRASAR REDUNDANCY ENT	License to Enable Redundancy Functionality for PRASAR UCS ENT <ul style="list-style-type: none"> <li>• License will be Activated on the Primary SPARK200 Hardware</li> <li>• All Feature Licenses will be Duplicated on the Secondary Hardware when the Primary Hardware Fails</li> <li>• Note: Additional (Redundant) SPARK200 hardware is required for redundancy function to work. No License is required to be activated on the redundant hardware for redundancy functionality</li> </ul>

## 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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