PRASAR UCS

Pure IP Solution for Modern Enterprises

The field of enterprise communications 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 organizations' productivity.

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 2,100 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.

MATRIX

TELECOM SOLUTIONS

BENEFITS OF MATRIX 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.

MOBILITY

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

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.

FEATURES OF MATRIX PRASAR UCS

Scalable up to 2,100 UC Users

**64 Ports Voice Mail System
Record Conversations**

Up to 550 Concurrent Calls

**Presence Sharing
BLF Notification**

Up to 99 SIP Trunks

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

248 VoIP Channels

1U Enclosure

Corporate Directory Integration

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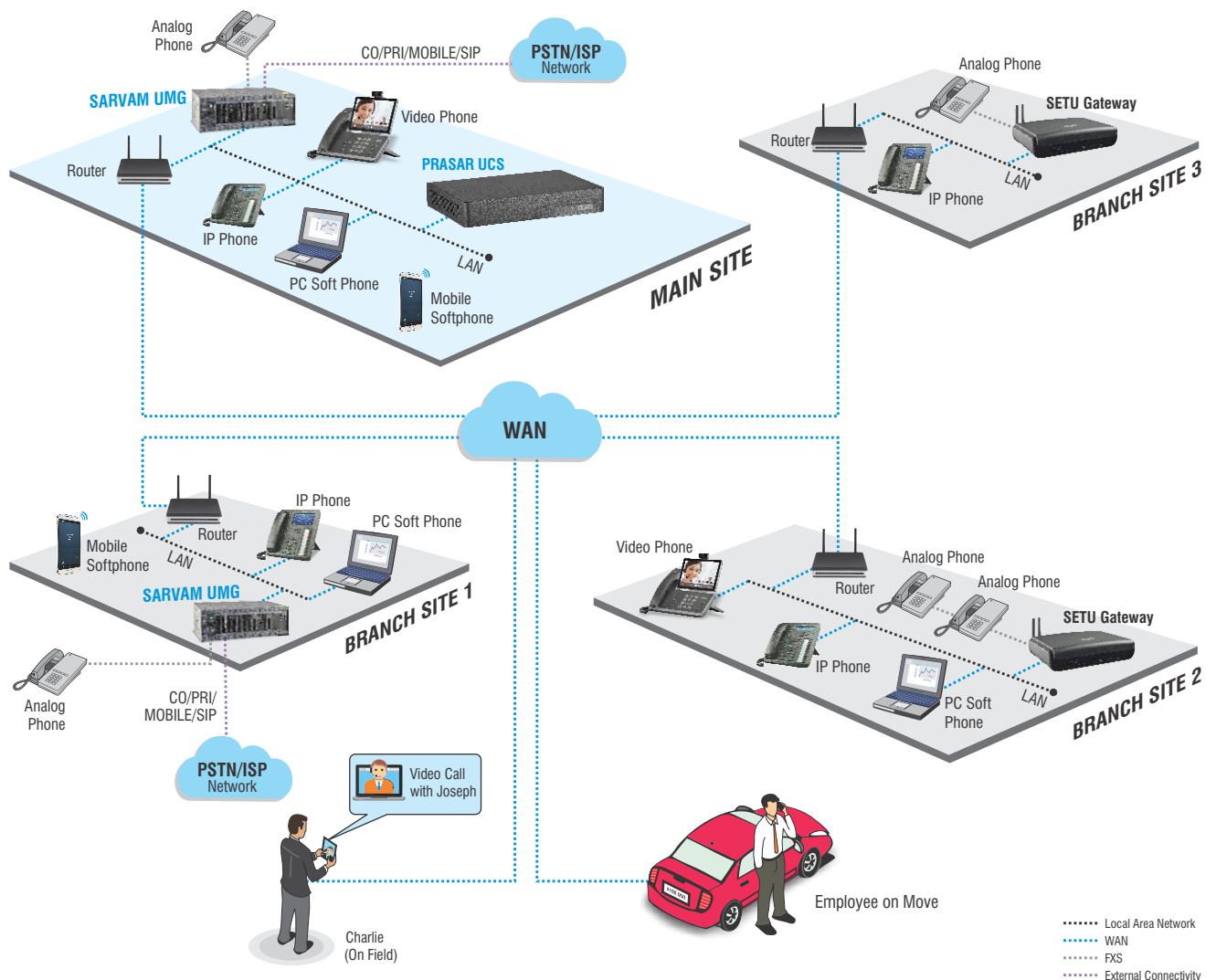
**Multi Lingual IVR
128 Auto-attendant Menus**

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, voice mail 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. The seamlessly connected branches can also share a common Auto-attendant and Voice Mail 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, 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.
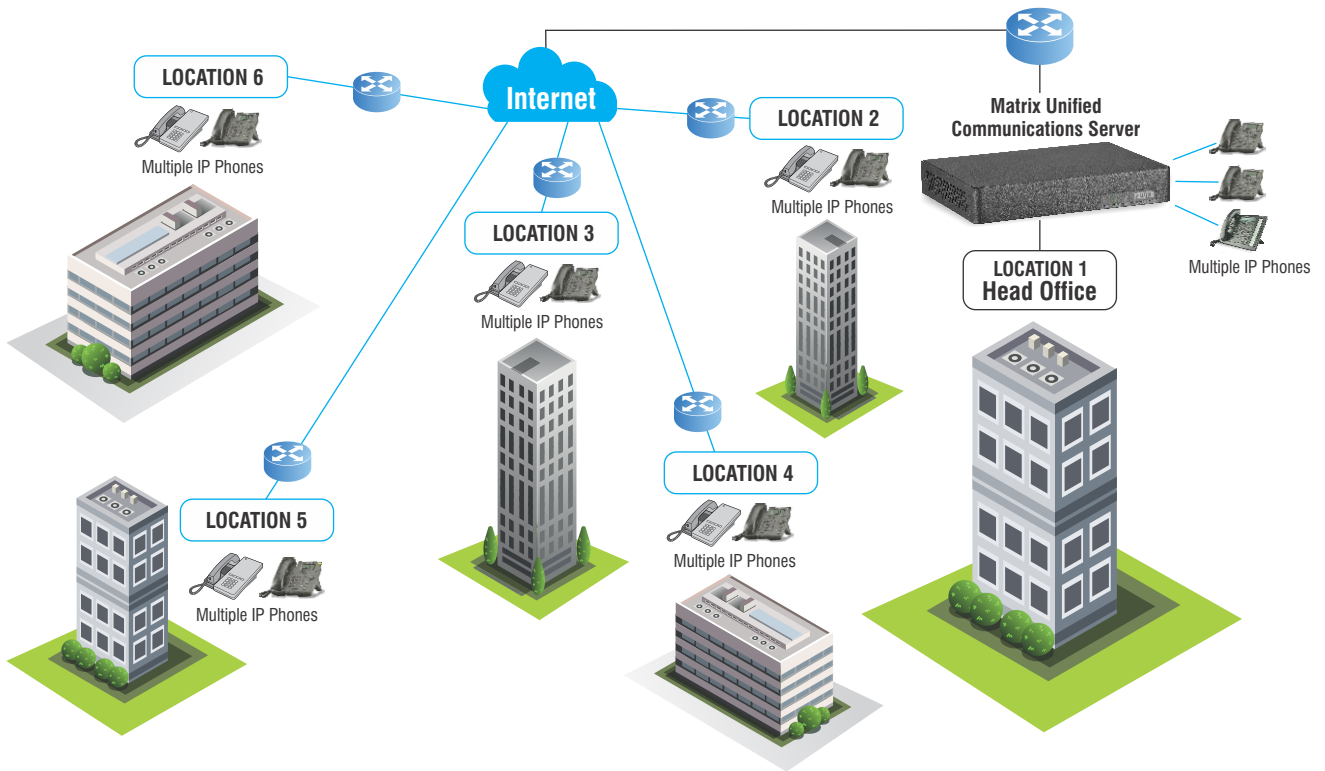
UNIFIED COMMUNICATION - MULTI LOCATION
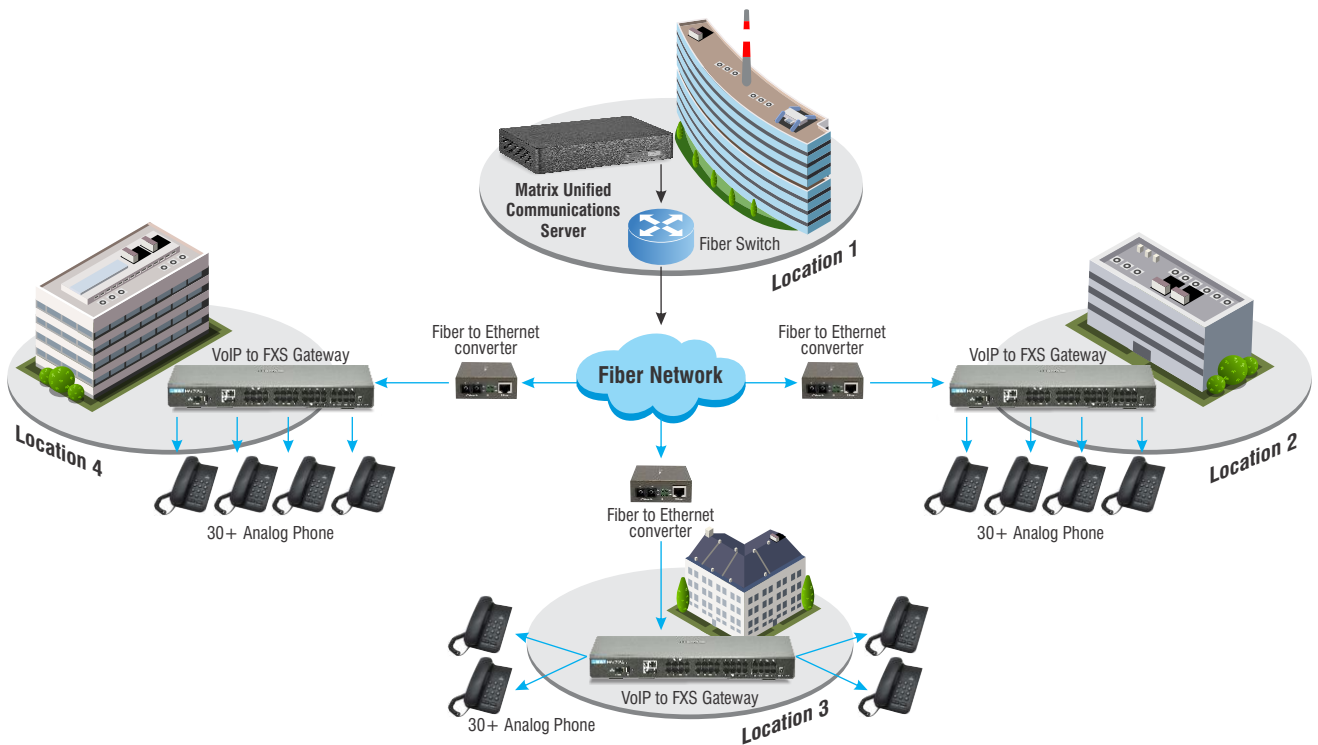
UNIFIED COMMUNICATION - ENTERPRISE

Most corporates 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 internet, giving flexibility to multi-located offices.

LOCATION 6
Multiple IP Phones

Internet

LOCATION 2
Multiple IP Phones

Matrix Unified
Communications Server

LOCATION 3
Multiple IP Phones

Multiple IP Phones

LOCATION 1
Head Office

LOCATION 5
Multiple IP Phones

LOCATION 4
Multiple IP Phones

For offices spread across a large campus, Matrix PRASAR UCS offers a tailored solution with FXS Gateways. Multiple users can be interfa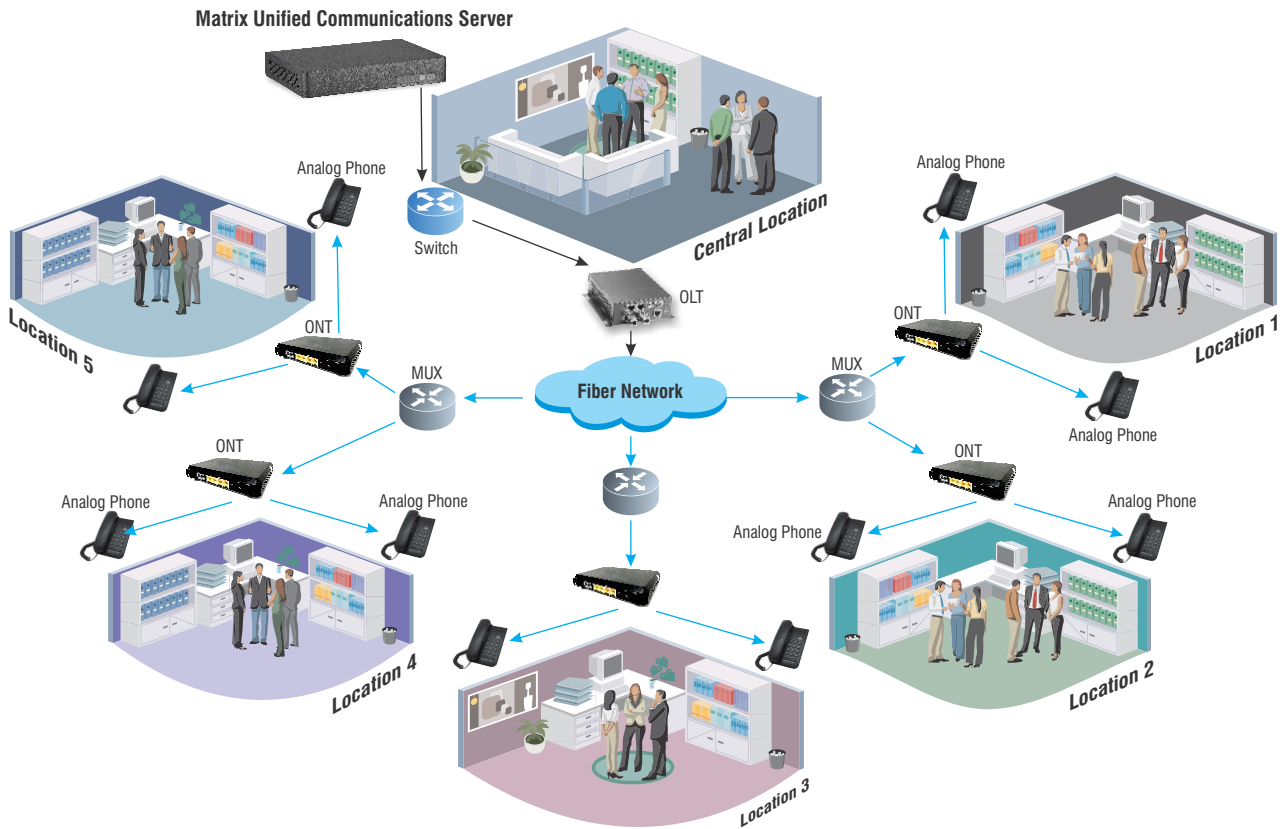ced with this unified communication server to form an intercom network. FXS Gateways enable Voice over IP for 30 plus Analog communication endpoints through the fiber network with this pure IP solution at the central location.

Matrix Unified
Communications
Server

Fiber Switch

Location 1

Fiber to Ethernet
converter

Fiber to Ethernet
converter

Fiber Network

VoIP to FXS Gateway

VoIP to FXS Gateway

Location 4

Location 2

30+ Analog Phone

30+ Analog Phone

Fiber to Ethernet
converter

VoIP to FXS Gateway

30+ Analog Phone

Location 3

UNIFIED COMMUNICATION - 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 network 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.

COMMUNICATION ENDPOINTS

User Terminals are the access points of communication where user meets the technology for their required applications. Matrix provides a diversified range of business phones/application that include in-office, remote, mobile and desktop computer users. With a perfect blend of style and substance - Matrix User Terminals offer faster communication, superior aesthetics and intuitive user interface.

| Faster Communication | Interoperability with Leading IP-PBXs | Multi-Lingual Platform | Superior Aesthetics and Elegant Design | Reliable and Secured Communication | Style and Substance | Fully Integrated Telephony Solution | Intuitive User Interface |

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 user 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 set 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. The SPARSH VP series is available in following variants - VP710, VP330E, VP510E, VP310E and VP110.

SPARSH VP710 - *Enterprise Video Collaboration*

- 7 Inch (1024 x 600) Capacitive Adjustable Touch Screen
- 16 SIP Accounts
- 720p @30 Fps HD video
- 2 Megapixel HD Camera with Privacy Shutter
- Bluetooth 4.0+ EDR for Headsets and Pairing Mobile Devices
- Built-in Wi-Fi (802.11b/g/n)
- USB 2.0 Port for USB Headset, Media and Storage Applications

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 VP330E - *The Touch Screen IP Phone*

- 4.3" Color Touch Screen Display
- 12 DSS/BLF Keys
- On-screen BLF Monitoring (18 Contacts)
- 6 Fixed Function Keys
- Presence Indication
- Power over Ethernet (POE)
- Proprietary IP Phone

SPARSH VP310E - *Executive IP Phone*

- 2 Line LCD with Backlit
- 12 DSS/BLF Keys
- 9 Fixed Function Keys
- Power over Ethernet Option
- Proprietary IP Phone

SPARSH VP110 - *Business IP Phone*

- 132*64 Pixel Graphical Display
- Context Sensitive and Fixed Function Keys
- Power over Ethernet
- 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
PRASAR UCS SME	License for Unified Communication Server SPARK200 for SME (up to 250 users). Preloaded with NX DBM VOCODER64 Module and following Software Licenses: • Licenses for 100 IP Subscriber • 8 Vocoder Channels i.e. Common for Transcoding calls, Auto-attendant/Voice Mail/ Call Recording/Call Taping Functionality and Conference • Licenses for 4 Concurrent Auto-Attendant/Voice Mail/Call Recording/Call Taping Functionality • Licenses for 8 Conference Participants (3x2 or 1x8). • Licenses for 5 VARTA ESSENTIAL • Licenses for One Year Upgrade from the Date of PRASAR UCS SME Activation Max. IP Users to Scale: 250
PRASAR UCS ENT	License for Unified Communication Server SPARK200 for ENT (up to 2100 users). Preloaded with NX DBM VOCODER64 Module and following Software Licenses: • Licenses for 200 IP Subscriber • 8 Vocoder Channels i.e. Common for Transcoding calls, Auto-attendant/Voice Mail/ Call Recording/Call Taping Functionality and Conference • Licenses for 4 Concurrent Auto-Attendant/Voice Mail/Call Recording/Call Taping Functionality • Licenses for 8 Conference Participants (3x2 or 1x8). • Licenses for 10 VARTA ESSENTIAL • Licenses for One Year Upgrade from the Date of PRASAR UCS SME Activation Max. IP Users to Scale: 2100
PRASAR UCS SCALE SME TO ENT	License to Scale Software Platform from PRASAR UCS SME to PRASAR UCS ENT • Licenses for 100 IP Subscriber • Licenses for 5 VARTA ESSENTIAL
PRASAR IPSUB5 PRASAR IPSUB10 PRASAR IPSUB50 PRASAR IPSUB100 PRASAR IPSUB500	License of IP Subscribers for PRASAR UCS to create 5/10/50/100/500 VOIP subscribers.
PRASAR VARTA USER5E PRASAR VARTA USER10E PRASAR VARTA USER50E PRASAR VARTA USER100E PRASAR VARTA USER500E	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.
PRASAR VARTA USER5P PRASAR VARTA USER10P PRASAR VARTA USER50P PRASAR VARTA USER100P PRASAR VARTA USER500P	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.
PRASAR VARTA USER5C PRASAR VARTA USER10C PRASAR VARTA USER50C PRASAR VARTA USER100C PRASAR VARTA USER500C	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.

PRASAR VMS CHNL4	License Voice Mail channels for PRASAR UCS to support 4 simultaneous voice mail sessions. (Vocoder Channel is required & license is common for SME and ENT)
PRASAR VMS CHNL16	License Voice Mail channels for PRASAR UCS to support 16 simultaneous voice mail sessions. (Vocoder Channel is required & license is common for SME and ENT)
PRASAR VOCODER CNNL4	License for 4 VOCODER channels for PRASAR UCS. Vocoder channel are common resource pool for Transcoding calls, Voice Mail, Call Recording, Call Tapping and Conference.
PRASAR VOCODER CNNL16	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
PRASAR CONF8	License for 8 parties Conference participant, this can be 1 CONF with 8 participant or 2 CONF with 3 participants and so on. (VOCODER CHNL is required & license is common for SME and ENT)
PRASAR SOFTWARE AUP (Annual Upgrade Package) 1 Year	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.
PRASAR REDUNDANCY SME	License to enable Redundancy functionality for PRASAR UCS SME. 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.
PRASAR REDUNDANCY ENT	License to enable Redundancy functionality for PRASAR UCS ENT. 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.
NX DBM VOCODER64	VOIP DAUGHTER-BOARD MODULE (Hardware) having capability to support maximum 64 simultaneous VOIP sessions for SPARK200 Hardware. Separate VOCODER channel license is required to activate desired number of channels.
SPARK200	Next-Generation hardware platform with on-board CPU and PS, AC Power Supply in 19 inch 1U Enclosure. Vocoder Hardware Daughter-Boards are not included.

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As an innovative, technology driven and customer focused organization, the company 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 cutting-edge products like Video Surveillance Systems - Video Management System, Network Video Recorder and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable and conform to international standards. Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 2,500 channel partners, 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 international awards for its innovative products.

For further information, please contact:

::: MATRIX
TELECOM SOLUTIONS

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