MATRIX COMSEC

Established in 1991, Matrix is one of the renowned name in Telecom, IP Video Surveillance and People Mobility Solutions domain. Matrix has gained trust and admiration of customers representing the entire spectrum of industries in more than 50 countries.

MATRIX

TELECOM | SECURITY

MATRIX STRENGTH

ESTABLISHED IN
1991

EXPORT TO
50+
Countries

AWARDS
25

NUMBER OF EMPLOYEES:
700

NUMBER OF PARTNERS:
1000

PRODUCTS
60+

GLOBAL NETWORK

MATRIX
DSIR APPROVED R&D

1000+

Man-years of R&D experience, have underlined Matrix's presence amongst the experienced, high quality and professional solution provider in Security and Telecom solutions domain.

MATRIX
TELECOM | SECURITY

MATRIX **R&D**

77,000 Sq.ft of R&D Technology Center Housing 200+ R&D Engineers

More than 40% of total Manpower dedicated to R&D of Cutting-edge solutions.

Conferred upon with 10+ Renowned Awards For World-class R&D

World-class Technology Infrastructure Platform, Solution Experience Center and Processes

Matrix
Awards and Achievements

Matrix have bagged more than 30 renowned national and international awards for quality engineering of its solutions. Some of these include design excellence awards in Germany and Japan. Such awards of international repute are the testimony of world-class quality of Matrix solutions.

MATRIX
TELECOM | SECURITY

A PURE IP SOLUTION FOR SMALL TO LARGE ENTERPRISE

PRASAR UCS

KEY BENEFITS OF PRASAR UCS

Accelerate Organizational Growth with Benefits of IP

-Pure IP Solution (Quality of Service & Cost)

Scale as Per Communication Needs - Single Box Solution
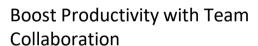
-From 100 to 2100 IP Users

VOIP/VMS Functionality on Single Module

-Low Deployment Cost

KEY BENEFITS OF PRASAR UCS

Boost Productivity with Team Collaboration

-64 Party Conference

550 Concurrent Calls

-Increase Productivity

99 SIP Trunks

-Future Ready (PRI to SIP PRI)

FEATURE SET

Scalable Upto 2100 UC Users

Upto 550 Concurrent Calls

Comprehensive Voice Mail Functionality
(Mutli-language IVR)

Upto 99 SIP Trunks

Max. Participant in Single Conference : 64

Three-Party Conferences: 21

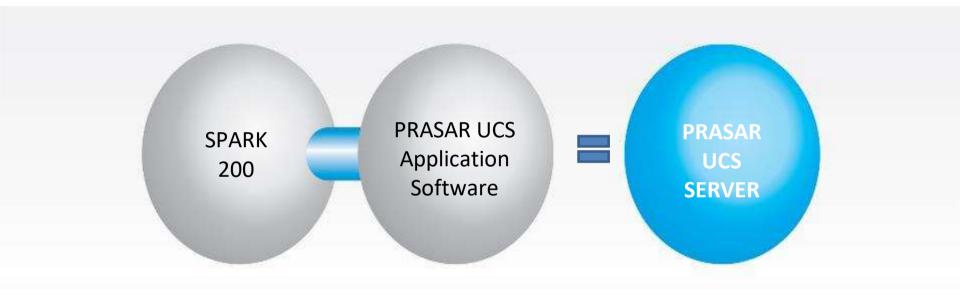**Mobility VARTA Application**

Rack Mount with 1U Enclosure

SYSTEM ARCHITECTURE

- ❏ PRASAR UCS SME
- ❏ PRASAR UCS ENT
- ❏ PRASAR UCS SME TO ENT
- ❏ PRASAR IPSUB
- ❏ PRASAR VARTA USER ESSENTIAL
- ❏ PRASAR VARTA USER PROFESSIONAL

- ❏ PRASAR VARTA USER COLLABORATION
- ❏ PRASAR AA/VMS CALLS
- ❏ PRASAR CONF PARTIES
- ❏ PRASAR VOCODER CNNL
- ❏ PRASAR SOFTWARE AUP

SYSTEM RESOURCES

TECHNICAL PARTICULARS	SPARK 200	SPARK 200
Compatible Server Software	**PRASAR UCS SME**	**PRASAR UCS ENT**
IP Subscribers	Up to 250	Up to 2,100
VOIP (SIP) Trunks	99	
VOIP (VOCODER) Channels	Up to 248	
Voice Mail Channels	Up to 64	
VARTA UC Client	250	2,100
Simultaneous Auto Attendant Sessions (Multi Lingual IVR)	64	
Power Supply	AC-DC Adapter based (24V DC, 2.5 A)	
Installation	19" Rack Mount with 1U Enclosure Table Top	
Redundancy*	1+1 Active-Active Redundancy (*Next Release)	

SYSTEM RESOURCES

SYSTEM RESOURCE	SPARK 200	DESCRIPTION
NX DBM VOCODER64	4 Modules (248 Channels)	VOCODER DAUGHTER-BOARD MODULE (Hardware) for SPARK200 capable to support maximum 64 simultaneous VOCODING channels
Concurrent IP to IP Calls Without Transcoding	550	PRASAR is built-on with IP at core
Concurrent IP to IP Calls With Transcoding	124	Two VOCODER channel is used to transcode every call using transcoding
Concurrent Video Calls from IP to IP User	55	VOCODER Channel is not used (Does not support transcoded video calls)
Concurrent Audio Conferences (3-Participants)	21	PRASAR has total 64 party conference capacity. Conference license is required for conference functionality.
Participants in a Single Audio Conference	64	PRASAR has total 64 party conference capacity. Conference license is required for conference functionality.
Concurrent Call Tapping/Conversation Recording	21	Voice Mail channels and Vocoder channel is required for Call Tapping/Conversation Recording
Concurrent Voice Mail sessions with IVR	64	Concurrent calls management with Voice Mail Auto-attendant.

SYSTEM RESOURCES

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

SYSTEM RESOURCES

PRODUCT	DESCRIPTION
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.

SYSTEM RESOURCES

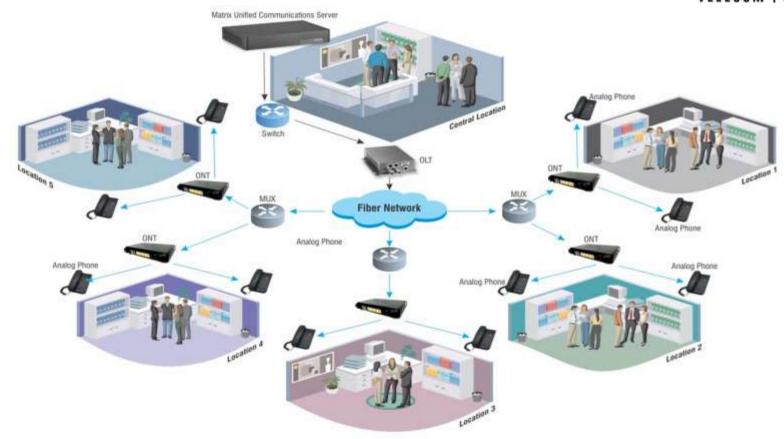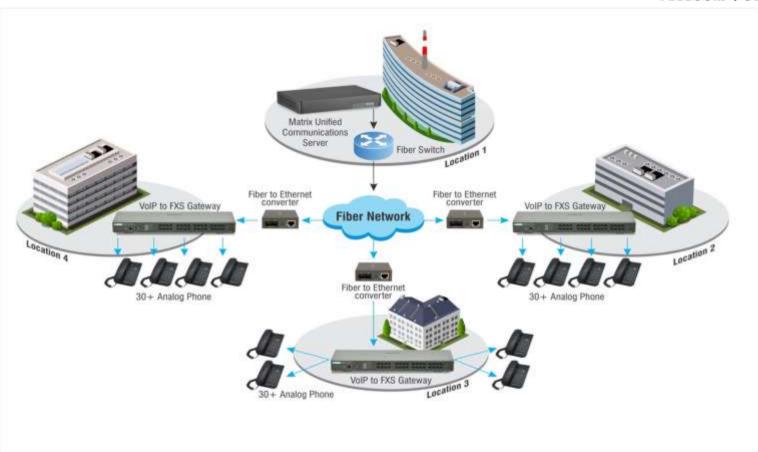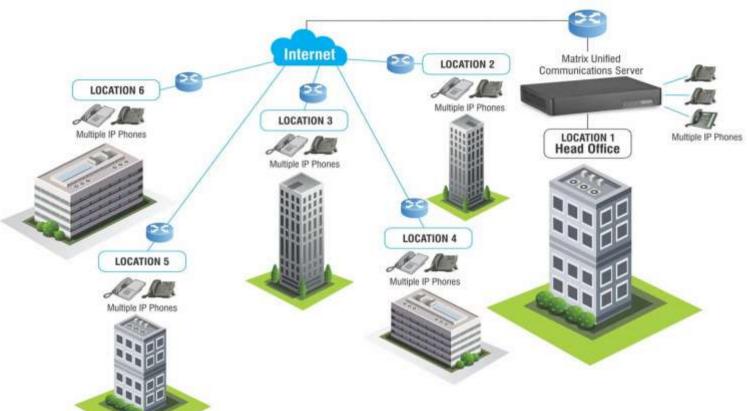| PRODUCT	DESCRIPTION
PRASAR VARTA USER5C PRASAR VARTA USER10C PRASAR VARTA USER50C PRASAR VARTA USER100C PRASAR VARTA USER500C	License for 5/10/50/100/500 VARTA UCS SOFT CLIENTS with COLLABORATION features. PRASAR UCS needs this license to register ANDROID/IOS/WINDOWS desktop UCS clients. This license is not required for HARDWARE IP-PHONES.
PRASAR AA/VMS CALLS4/CALLS16	License Voice Mail channels for PRASAR UCS to support 4/16 simultaneous voice mail sessions. (VOCODER Channel is required & license is common for SME and ENT)
PRASAR VOCODER CHNL4/CHNL16	License for 4/16 VOCODER channels for PRASAR UCS. VOCODER channel are common resource pool for Transcoding calls, Voicemail, 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 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
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.

PRASAR UCS SOLUTIONS

FIBER TO THE HOME (FTTH)

IP BUILDING INTERCOMM

UNIFIED REMOTE USER

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THANK YOU!!

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