

## Matrix ETERNITY LE vs. NEC UNIVERGE SV9300

Parameters	Matrix ETERNITY LE	NEC UNIVERGE SV9300
Architecture	<ul style="list-style-type: none"> <li>• Single box architecture</li> <li>• Universal slots based architecture</li> </ul>	<ul style="list-style-type: none"> <li>• Stackable architecture</li> </ul>
Network Support and System Capacity	<ul style="list-style-type: none"> <li>• Scalability up to 1344 TDM and 1500 IP/SIP Users (in single box system)</li> <li>• <b>Trunks: (single box system)</b> <ul style="list-style-type: none"> <li>○ Analog – Max. 128 Ports</li> <li>○ ISDN BRI – Max. 64 Channels</li> <li>○ T1/E1 PRI – Max. 720 Channels</li> <li>○ GSM – Max. 128</li> <li>○ IP – 512 Channels</li> <li>○ Radio – Max. 16 port</li> </ul> </li> <li>• <b>Subscribers: (single box system)</b> <ul style="list-style-type: none"> <li>○ Analog – Max. 1344</li> <li>○ Digital – Max. 128</li> <li>○ IP/SIP Users – 1500 Users</li> <li>○ Mobility –GSM/3G Mobile phones, Mobile phones with SIP client (SPARSH M2S) for Android &amp; iOS (no additional licensing), Laptop, IP-DECT phones</li> </ul> </li> </ul> <p>Matrix offers Universal connectivity. Matrix solution offers on-campus and off-campus mobility by extending extension features to user’s GSM mobile phone</p>	<ul style="list-style-type: none"> <li>• Scalability up to 1152 TDM and 1024 SIP Users (with 4 chassis, power supply required for each chassis)</li> <li>• <b>Trunks: (with 4 chassis)</b> <ul style="list-style-type: none"> <li>○ Analog – Max. 512 Ports</li> <li>○ ISDN BRI – Max. 256 Channels</li> <li>○ PRI – Max. 496 Channels</li> <li>○ IP –400 SIP channels</li> <li>○ No GSM and Radio Connectivity</li> </ul> </li> <li>• <b>Subscribers: (with 4 chassis)</b> <ul style="list-style-type: none"> <li>○ Analog – Max. 1152 (-24V)</li> <li>○ Digital – Max. 1152</li> <li>○ SIP Users – Max. 1024</li> <li>○ Mobility – Dual ringing and call forward on Mobile phones, SV9300 UC mobility application for Android/iOS (additional license required)</li> </ul> </li> </ul>
<b>Features required by Enterprise</b>		
Directory Lookup	Simple access to Corporate Directory (LDAP) support with search parameters, output of results on the display and direct dialing from the displayed number	<ul style="list-style-type: none"> <li>• Directory access available</li> </ul>
Conference	<ul style="list-style-type: none"> <li>• 45 Participants conference is possible.</li> <li>• (Maximum 21 Participants per conference)</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-Party conference is possible</li> </ul>

Voice Mail	<ul style="list-style-type: none"> <li>• In-skin Voice Mail expansion card</li> <li>• 16 Ports, 999 mailboxes, up to 576hrs storage</li> <li>• Voice Mail Notification</li> <li>• Voice Mail to E-mail</li> <li>• Conversation Recording</li> </ul>	<ul style="list-style-type: none"> <li>• Voice Mail Notification</li> <li>• Voice Mail to E-mail</li> <li>• Conversation Recording</li> </ul>
Fail-over	Automatic fail-over to secondary network and alternate routing (LCR alternate routing)	No information available
Reliability and Redundancy	<ul style="list-style-type: none"> <li>• Hot Stand-by Redundancy of Power Supply (DC) and CPU</li> <li>• Hot Swap architecture enables insertion and removal of cards in Power-on Condition</li> <li>• Built-in Power Failure Transfer</li> </ul>	<ul style="list-style-type: none"> <li>• Hot Stand-by Redundancy of CPU</li> </ul>
Feature list	<ul style="list-style-type: none"> <li>○ Attended or supervised call transfer</li> <li>○ Built-in Auto-attendant</li> <li>○ Built-in Power failure transfer</li> <li>○ Call Conference</li> <li>○ Conference Dial-in</li> <li>○ Unattended or Unsupervised call transfer</li> <li>○ Call hold and resume</li> <li>○ Call transfer</li> <li>○ Call forward</li> <li>○ Call forking</li> <li>○ Call Park</li> <li>○ Call Budgeting</li> <li>○ Call to voicemail</li> <li>○ Call Pick-up Groups</li> <li>○ Flexible Numbering</li> <li>○ Hotel features</li> <li>○ Live Call Supervision</li> <li>○ Least Cost Routing</li> <li>○ Logical Partitioning</li> <li>○ Music on Hold</li> <li>○ Presence and IM</li> <li>○ Retrieve voicemail from a remote system (DISA)</li> <li>○ Return Call to Original Caller</li> </ul>	<ul style="list-style-type: none"> <li>○ Call Routing</li> <li>○ Auto Attendant</li> <li>○ Call Forwarding</li> <li>○ Call Conference</li> <li>○ Call Transfer</li> <li>○ Call Park</li> <li>○ Voicemail</li> <li>○ PMS Interface</li> <li>○ Voice Recording application</li> <li>○ Email Notification</li> <li>○ Presence &amp; IM</li> <li>○ Click to Dial</li> <li>○ Multi-Language Support</li> <li>○ Call Hold</li> <li>○ Remote extension dialing</li> <li>○ UC Suite</li> <li>○ Hotel features</li> </ul>

	<ul style="list-style-type: none"> <li>○ Calling party number display</li> <li>○ Busy Lamp Field (BLF)</li> <li>○ Hotline</li> <li>○ DTMF relay</li> <li>○ Fax Support</li> <li>○ Operator Console/Attendant Console</li> <li>○ Do Not Disturb (DND)</li> <li>○ DID</li> <li>○ Parallel Ringing</li> <li>○ Radio Interface</li> <li>○ CUG over GSM</li> <li>○ PMS Interface</li> </ul>	
CTI	<ul style="list-style-type: none"> <li>● Yes-Open to any third party CTI application provider</li> </ul>	<ul style="list-style-type: none"> <li>● Yes – Contact Center Suite</li> </ul>
Management	<ul style="list-style-type: none"> <li>● Web based management through any computer. No any additional application required to access advance functions</li> <li>● Web-based GUI includes Configuration management, Backup and restore, system log and SMDR</li> </ul>	<ul style="list-style-type: none"> <li>● Web based management (web intuitive user)</li> </ul>
Call Detail Record	<ul style="list-style-type: none"> <li>● Call Detail Records – Incoming, Outgoing, Internal, Networked Systems</li> <li>● Up to 21000 call records</li> </ul>	<ul style="list-style-type: none"> <li>● Call History</li> </ul>
Networking	<ul style="list-style-type: none"> <li>● No Separate Gateway required. Networking possible through VoIP Card or T1/E1/PRI card</li> <li>● Networking through SIP and QSIG (ISDN)</li> </ul>	<ul style="list-style-type: none"> <li>● Networking via P2P through CCIS (proprietary)</li> </ul>
Installation	<ul style="list-style-type: none"> <li>● ETERNITY Rack Mount, Table Top and Wall Mount</li> </ul>	<ul style="list-style-type: none"> <li>● Rack Mount</li> </ul>

## Summary:

- **System Reliability:**
  - Matrix has hot-swappable expansion card modular design ensuring continuous operation and virtually no downtime to users with the option of redundant system.
- **Easy Licensing:**
  - No additional licensing for third party SIP Phones, mobile extensions and multi-site networking.
  - Proprietary Mobile Softphone SPARSH M2S for Android/iPhone is easily available on Play Store and App Store for ETERNITY LE which is separately user based licensed as SV9300 UC mobility application in NEC– **Mobile or Teleworkers remains connected to office without any additional cost**
- **Extended connectivity:**
  - Support for GSM - **Reduces fixed-to-mobile call charges and mobile-to-mobile charges CUG**
  - Support for Magneto Phones - **For Secured Communication in Defense and Paramilitary forces**
  - Support for Radio (HF/VHF/UHF) - **Wireless Mobility in cases of no cabling infrastructure, reduces cabling cost**
- **Enhanced Flexibility:**
  - Added flexibility through mixed configuration Expansion cards – **Saves on investment for smaller or changing requirements.**
- **Ease of Installation:**
  - No hassle of maintaining additional gateway units- saving over space in the server room or telecom room and reducing the maintenance inconvenience.
- **Cost Effectiveness:**
  - Matrix ETERNITY based solution is a comprehensive single box solution and scalability includes only expansion cards and certain licenses with diverse network support and features like Least Cost Routing, Call Budgeting, Toll Control, etc. reducing overall telecom cost.

Comparisons are based on information available from respective product catalogues and manuals to the best of our knowledge.  
For more details, please contact respective manufacturer.

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