UNIVERGE® SV9500 High Availability UC Solution

At a Glance

- UNIVERGE SV9500 Unified Communications (UC) software delivered on NEC’s Express5800/R320 Fault Tolerant server
- Fully integrated UC with voice, mobility and Unified Messaging (UM)
- 99.999% availability for unified communications and other applications
- Two servers integrated into one logical server for simplicity and cost effectiveness
- Centralized, intuitive configuration and management system
- System capacity up to 4000 IP stations
- Out-of-box continuous availability that’s easy to install and operate
- Fully redundant modular hardware featuring high-performance 12-core Intel® Xeon® processors

Overview

NEC’s UNIVERGE SV9500 High Availability UC (HAUC) solution is a pre-packaged software-based Unified Communications platform delivered on our Express5800/R320 Fault Tolerant server. The SV9500 HAUC solution offers a powerful, feature rich system with unified communications, 99.999% availability, easy-to-use single point configuration and management, and simplified user licensing structure for streamlined application integration. This pre-packaged solution provides a powerful, reliable, secure and easy-to-use solution for organizations of all sizes and industries, and offers easy integration with NEC’s unique vertical solutions.

Solution

The UNIVERGE SV9500 High Availability UC solution provides:

- Fully integrated powerful unified communications which includes mobility and unified messaging
- High availability support and compatibility for all other applications and operating systems
- 99.999% system availability for business continuity assurance
- Fully redundant components and modular architecture which run in lockstep as one logical server
- Transparent failover and system integrity for mission-critical applications and environments
- No loss of data and server virtualization protection
### Specifications

<table>
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<tr>
<th>Platform</th>
<th>Features</th>
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|          | • UNIVERGE SV9500 Communications Software  
|          | • High availability for mission critical applications & environments  
|          | • 4 RU (Rack Units)  
|          | • Fully redundant modular hardware  
|          | • Intel Inter processor memory  
|          | • Simplified management  
|          | • Supports lockstep operation  
|          | • Hyper-V perfect for virtualization  
|          | • Express5800/R320e  
|          | • Logical memory sots: 16  
|          | • Max logical memory: 512GB  
|          | • Max logical internal storage: 9.6TB  
|          | • Processors: Intel Xeon E5  
|          | • 2670x3 (M4) & 2630x3 (E4)  
|          | • Power Supply: 800Watt  
|          | • Max Power Consumption: 1300VA/1290 Watt  
|          | • UC Desktop Client  
|          | • UC Mobility  
|          | • UC Desktop Softphone  
|          | • UC Mobility Softphone  
|          | • UC Attendant  
|          | • UC Manager  
|          | • Internal/ External ACD  
|          | • ACD Statistics (Global Navigator)  
|          | • Voice Mail/ Unified Communications System  
|          | • Emergency On-site Notification  
| Server Hardware | Features |
|              | • NEC IP Terminals  
|              | • Standard SIP Terminals  
|              | • Digital Terminals  
|              | • Analog Terminals  
| Applications | Features |
| Stations     | • SIP Trunk  
|              | • T1/PRI Trunk  
|              | • Analog Trunk  
|              | • FCCS/CCIC IP Network  
| Networking   | • 7U-GC  
|              | • UG50  
|              | • UG30  
| Gateways     | • UG50  
|              | • UG30  
|              | • 1U MPC  
|              | • MGSIP128 and Virtualized MG_SIP  
| Survivability-Failover | Features |
|             | • Geo-Redundancy: GR-Node, SR-Node and SR-Node(S)  
|             | • Location Diversity – FCCS  
|             | • Distributed System - UMGI  
| Capacity    | Features |
|             | • Stations: 4,000 IP ports per system  
|             | • Trunks: 4,000 ports per system  
|             | • GR-Node: 7 nodes/ 6,144 ports each  
|             | • SR-Node: 2,000 ports each  
|             | • SR-Node(S): 300 ports each  
|             | • UMGI: 16,000 IP ports/ 24,576 total ports  
|             | • FCC/CCSI: 252 nodes/ 192,000 ports  
| Regulatory Compliance | Features |
|             | • FCC  
|             | • UL/CSA  
|             | • Section 508 Compliant  
|             | • CE  
|             | • Industry Canada (IC) CS-03  

### Peripheral Equipment Specifications

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<tr>
<th>Peripherals</th>
<th>Features</th>
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| 7U-GC       | • 7 RU x 19"  
|             | • 18 slots  
|             | • Redundant AC/DC power modules  
|             | • Digital/ Analog Stations  
|             | • PRI/T1 Trunks  
|             | • Attendant Interface  
|             | • 2 RU x 19"  
|             | • 5 slots  
|             | • Digital/ Analog Stations  
|             | • Analog/PRI trunks  
| UG50        | • 2 RU x 19"  
|             | • Lync Gateway  
| UG30        | • 1 RU x 19"  
|             | • 2 slots  
|             | • 32ch conference  
|             | • 16ch SIP Trunk  
|             | • T1 Trunk  
| 1U MPC      | • 1.5 RU x 19"  
|             | • 128ch SIP Trunk  
| NGSIP128    | • 1.5 RU x 19"  
|             | • Survivable Remote MGC  
| GR-Node/ SR-Node | • UG50 19" chassis  
| SR-Nose(S)  | • UG50 19" chassis  
| Virtualized MG-SIP | • VMWare Environment  

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