

Pre-Packaged Fault Tolerant Server

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

	Features
Platform	<ul style="list-style-type: none"> 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
Server Hardware	<ul style="list-style-type: none"> Express5800/R320e Logical memory slots: 16 Max logical memory: 512GB Max logical internal storage: 9.6TB Processors: Intel Xeon E5 2670v3 (M4) & 2630v3 (E4) Power Supply: 800Watt Max Power Consumption: 1300VA/1290 Watt
Applications	<ul style="list-style-type: none"> 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
Stations	<ul style="list-style-type: none"> NEC IP Terminals Standard SIP Terminals Digital Terminals Analog Terminals
Networking	<ul style="list-style-type: none"> SIP Trunk T1/PRI Trunk Analog Trunk FCCS/CCIC IP Network
Gateways	<ul style="list-style-type: none"> 7U-GC UG50 UG30 1U MPC MGSIP128 and Virtualized MG_SIP

Survivability-Failover	<ul style="list-style-type: none"> Geo-Redundancy: GR-Node, SR-Node and SR-Node(S) Location Diversity – FCCS Distributed System - UMGI
Capacity	<ul style="list-style-type: none"> 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 FCCS/CCSI: 252 nodes/ 192,000 ports
Regulatory Compliance	<ul style="list-style-type: none"> FCC UL/CSA Section 508 Compliant CE Industry Canada (IC) CS-03

Peripheral Equipment Specifications

Peripheral	Features
7U-GC	<ul style="list-style-type: none"> 7 RU x 19" 18 slots Redundant AC/DC power modules Digital/ Analog Stations PRI/T1 Trunks Attendant Interface
UG50	<ul style="list-style-type: none"> 2 RU x 19" 5 slots Digital/ Analog Stations Analog/PRI trunks
UG30	<ul style="list-style-type: none"> 2 RU x 19" Lync Gateway
1U MPC	<ul style="list-style-type: none"> 1 RU x 19" 2 slots 32ch conference 16ch SIP Trunk T1 Trunk
NGSIP128	<ul style="list-style-type: none"> 1.5 RU x 19" 128ch SIP Trunk
GR-Node/ SR-Node	<ul style="list-style-type: none"> 1.5 RU x 19" Survivable Remote MGC
SR-Node(S)	<ul style="list-style-type: none"> UG50 19" chassis
Virtualized MG-SIP	<ul style="list-style-type: none"> VMWare Environment

Corporate Headquarters (Japan)
NEC Corporation
nec.com

North America (USA & Canada)
NEC Corporation of America
necam.com

NEC Enterprise Solutions
NEC Europe Ltd
nec-enterprise.com

APAC
NEC Asia Pacific Pte Ltd
sg.nec.com

Latin America
NEC Latin America
lasc.necam.com

About NEC Corporation of America: Headquartered in Irving, Texas, NEC Corporation of America is a leading technology integrator providing solutions that improve the way people work and communicate. NEC delivers integrated Solutions for Society that are aligned with our customers' priorities to create new value for people, businesses and society, with a special focus on safety, security and efficiency. We deliver one of the industry's strongest and most innovative portfolios of communications, analytics, security, biometrics and technology solutions that unleash customers' productivity potential. Through these solutions, NEC combines its best-in-class solutions and technology, and leverages a robust partner ecosystem to solve today's most complex business problems. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with a presence in 160 countries and \$28 billion in revenues. For more information, visit necam.com.