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UNIVERGE®
SV9500

COMMUNICATIONS PLATFORM

The UNIVERGE® SV9500 Communications Platform is a robust, feature-rich system that is ideal for geographically distributed businesses and enterprises. It is designed to help solve today's communications and collaboration challenges and offers easy integration with NEC's unique vertical solutions.

UNIVERGE® SV9500
AT A GLANCE

> 3U 19 inch rack high-availability Appliance Server with redundant power, network ports and Intel® Core CPU Options
> Also available as Virtualized software deployment for VMware® ESXi and Microsoft® Hyper-V®
> IP networked geographical redundancy with alternative MGC's
> Multi-Line SIP Client and multiple SIP carrier support
> Wide-range of endpoints for all IP extensions/digital/analog
> Seamless and flexible deployment with up to 16,000 IP extensions in one system

> Hospitality feature options
> Global regulatory and environmental compliances including FCC, UL/CSA , CE Marking, Industry Canada, RoHS, REACH and Section 508 Compliant

CUSTOMIZABLE
FOR SPECIFIC REQUIREMENTS

The SV9500 communications platform offers:
> Powerful Unified Communications with Mobility and Unified Messaging integrated within the solution
> Various deployment options – centralized (single/branch offices) & distributed, and private or hybrid cloud
> Latest upgradeable communications technology – protect your investment
> Both SIP and ISDN technology for a future-proof solution
> 19-inch stackable chassis architecture which supports server functions, media gateways and media converters in a single unit
> A large scale IP/legacy hybrid system by combining SV9500 Appliance Server Model and virtualized Standard Server Model into one UMGi system

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PLATFORM

Appliance Server Model	NEC Communications Platform with Intel Core Processor
	3 Rack Units high, 19 inches wide
	Redundant AC/DC power modules and CPU options in 3U 19 inch rack mountable chassis
	Supports stackable 7U Peripheral Interface Rack housing full TDM trunk/extension options and Attendant console interfaces
Standard Server Model	VMware ESXi 6.0, 6.5 and 6.7, HA/VMotion, Microsoft Hyper-V deployment for selectable server hardware

SYSTEM SPECIFICATIONS

Applications	UC Desktop/Mobile Client/Softphone
	UC Attendant/Contact Center/Operator
	Internal/External ACD
	Voicemail/Unified Communications System
	MobiCall Messaging Middleware
	3rd Party Hospitality Middleware Interface
Stations	NEC IP Terminals
	Standard SIP Terminals
	Digital Terminals
	Analog Terminals
	DECT Business Mobility Solutions
Networking	SIP Trunk
	T1/E1/PRI Trunk
	Analog Trunk
	FCCS/CCIS IP Network
Gateways	7U-PRI/Rack (Appliance only)
	UG50
	1U MPC
	MGSIP128 and Virtualized MG-SIP
Survivability	Geo-Redundancy: GR-NODE, SR-NODE & SR-NODE(S)
	Location Diversity - FCCS
	Distributed System - UMGI
Capacity	Stations: 4,000 IP ports per system
	Trunks: 4,000 ports per system
	GR-Node: 7 Nodes/6,144 ports each
	SR-Node & SR-Node (S): 255 units per system
	SR-Node: 2,000 ports each
	SR-Node (S): 300 ports each
	UMGI: 16,000 IP ports/24,576 total ports
	FCCS/CCIS: 252 nodes/192,000 ports

PERIPHERAL EQUIPMENT SPECIFICATIONS

7U-GC/PIR (Appliance Model only)	7 Rack Units high, 19 inches wide
	18 slots
	Redundant AC/DC power modules
	Digital/Analog Stations
	PRI/T1/E1 Trunks
	Attendant Interface
UG50	2 Rack Units high, 19 inches wide
	5 slots
	Digital/Analog Stations
	Analog/PRI Trunks
1U MPC	1 Rack Units high, 19 inches wide
	2 slots
	Redundant AC power option
	32ch conference/MOH/Announcements
	16ch SIP Trunk
	ISDN PRI/BRI Trunk
MGSIP128	1.5 Rack Units high, 19 inches wide
	128ch SIP Trunk
Virtualized MG-SIP	VMware Environment
Regulatory Compliance	FCC
	UL/CSA
	Section 508 compliant
	CE Marking
	Industry Canada(IC) CS-03
	RoHS/REACH

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UNIVERGE®
SV9500

PRE-PACKAGED SERVER AND
SOFTWARE DELIVERED MODELS

The UNIVERGE® SV9500 Communications Platform is a robust, feature-rich system that is ideal for geographically distributed businesses and enterprises. It is designed to help solve today's communications and collaboration challenges and offers easy integration with NEC's unique vertical solutions.

UNIVERGE® SV9500
AT A GLANCE

> SV9500 Linux® virtual machine for VMware® ESXi and Microsoft® Hyper-V®
> Also available as high-availability Appliance Server with fully redundant components
> IP networked geographical redundancy with alternative MGC's
> Multiline SIP Client and multiple SIP carrier support
> Wide-range of endpoints for all IP extensions, digital/analog
> Seamless and flexible with deployment up to 16,000 IP extensions in one system
> Hospitality feature options

UNIVERGE® SV9500 SOLUTION
SPECIALIZED FOR YOUR INDUSTRY

The SV9500 communications platform offers:
> Powerful Unified Communications with Mobility and Unified Messaging integrated within the solution
> Various deployment options – centralized (single/branch offices) & distributed, and private or hybrid cloud
> Latest upgradeable communications technology – protect your investment
> Both SIP and ISDN technology for a future-proof solution
> Downloadable VM image and software on the pre-packaged server option is installed and ready to go – shortening installation time
> A large scale IP/legacy hybrid system by combining SV9500 Appliance Server Model and virtualized Standard Server Model into one UMGi system

PLATFORM

Appliance Server Model	NEC Communications Platform with Intel Core Processor
	3 Rack Units high, 19 inches wide
	Redundant AC/DC power modules and CPU options in 3U 19 inch rack mountable chassis
	Supports stackable 7U Peripheral Interface Rack housing full TDM trunk/extension options and Attendant console interfaces
Standard Server Model	VMware ESXi 6.0, 6.5 and 6.7, HA/VMotion, Microsoft Hyper-V deployment for selectable server hardware

SYSTEM SPECIFICATIONS

Applications	UC Desktop/Mobile Client/Softphone
	UC Attendant/Contact Center/Operator
	Internal/External ACD
	Voicemail/Unified Communications System
	MobiCall Messaging Middleware
	3rd Party Hospitality Middleware Interface
Stations	NEC IP Terminals
	Standard SIP Terminals
	Digital Terminals
	Analog Terminals
	DECT Business Mobility Solutions
Networking	SIP Trunk
	T1/E1/PRI Trunk
	Analog Trunk
	FCCS/CCIS IP Network
Gateways	7U-PRI/Rack (Appliance only)
	UG50
	1U MPC
	MGSIP128 and Virtualized MG-SIP
Survivability	Geo-Redundancy: GR-NODE, SR-NODE & SR-NODE(S)
	Location Diversity - FCCS
	Distributed System - UMGI
Capacity	Stations: 4,000 IP ports per system
	Trunks: 4,000 ports per system
	GR-Node: 7 Nodes/6,144 ports each
	SR-Node & SR-Node (S): 255 units per system
	SR-Node: 2,000 ports each
	SR-Node (S): 300 ports each
	UMGI: 16,000 IP ports/24,576 total ports
	FCCS/CCIS: 252 nodes/192,000 ports

PERIPHERAL EQUIPMENT SPECIFICATIONS

7U-GC/PIR (Appliance Model only)	7 Rack Units high, 19 inches wide
	18 slots
	Redundant AC/DC power modules
	Digital/Analog Stations
	PRI/T1/E1 Trunks
	Attendant Interface
UG50	2 Rack Units high, 19 inches wide
	5 slots
	Digital/Analog Stations
	Analog/PRI Trunks
1U MPC	1 Rack Units high, 19 inches wide
	2 slots
	Redundant AC power option
	32ch conference/MOH/Announcements
	16ch SIP Trunk
	ISDN PRI/BRI Trunk
MGSIP128	1.5 Rack Units high, 19 inches wide
	128ch SIP Trunk
Virtualized MG-SIP	VMware Environment
Regulatory Compliance	FCC
	UL/CSA
	Section 508 compliant
	CE Marking
	Industry Canada(IC) CS-03
	RoHS/REACH

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UNIVERGE®
SV9500SE

ENTERPRISE COMMUNICATIONS PLATFORM

The UNIVERGE® SV9500 Enterprise (SE) Communications Platform is a robust, feature-rich system that is ideal for geographically distributed businesses and enterprises. It is designed to help solve today's communications and collaboration challenges and offers easy integration with NEC's unique vertical solutions.

UNIVERGE® SV9500
AT A GLANCE

> 1.5U 19-inch rack high-availability Appliance Server with Intel® Core CPU Options
> Geographic redundancy for main CPU backup and remote site survivability
> Multiline SIP Client and multiple SIP carrier support
> Wide-range of endpoints for all IP extensions/digital/analog
> Seamless and flexible deployment with up to 1,536 IP extensions in one system
> Hospitality feature options
> Global regulatory and environmental compliances including FCC, UL/CSA, CE Marking, Industry Canada, RoHS, REACH and Section 508 Compliant

CUSTOMIZABLE
FOR SPECIFIC REQUIREMENTS

The SV9500SE communications platform offers:

> Powerful Unified Communications with Mobility and Unified Messaging integrated within the solution
> Various deployment options – centralized (single/branch offices) & distributed, and private or hybrid cloud
> Latest upgradeable communications technology – protect your investment
> Both SIP and ISDN technology for a future-proof solution
> 19-inch stackable chassis architecture which supports server functions, media gateways and media converters in a single unit

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PLATFORM

1.5U Chassis Model	NEC Communications Platform with Intel Core Processor
	1.5 Rack Units high, 19 inches wide

SYSTEM SPECIFICATIONS

Applications	UC Desktop/Mobile Client/Softphone
	UC Attendant/Contact Center/Operator
	Internal/External ACD
	Voicemail/Unified Communications System
	MobiCall Messaging Middleware
	3rd Party Hospitality Middleware Interface
Stations	NEC IP Terminals
	Standard SIP Terminals
	Digital Terminals
	Analog Terminals
	DECT Business Mobility Solutions
Networking	SIP Trunk
	T1/E1/PRI Trunk
	Analog Trunk
	CCIS IP Network
Gateways	UG50
	1U MPC
	MGSIP128 and Virtualized MG-SIP
Survivability	Geo-Redundancy: GR-NODE, SR-NODE & SR-NODE(S)
Capacity	Stations: 1,200 IP ports per system
	Trunks: 1,536 ports per system
	GR-Node: 7 Nodes/1,536 ports each
	SR-Node & SR-Node (S): 255 units per system
	SR-Node: 1,536 ports each
	SR-Node (S): 300 ports each
	CCIS: 252 nodes

PERIPHERAL EQUIPMENT SPECIFICATIONS

UG50	2 Rack Units high, 19 inches wide
	5 slots
	Digital/Analog Stations
	Analog/PRI Trunks
1U MPC	1 Rack Units high, 19 inches wide
	2 slots
	Redundant AC power option
	32ch conference/MOH/Announcements
	16ch SIP Trunk
	ISDN PRI/BRI Trunk
MGSIP128	1.5 Rack Units high, 19 inches wide
	128ch SIP Trunk
Regulatory Compliance	FCC
	UL/CSA
	Section 508 compliant
	CE Marking
	Industry Canada(IC) CS-03
	RoHS/REACH

SV9500 COMMUNICATIONS PLATFORM COMPARISON

Feature	SV9500SE	SV9500	SV9300
UG50 Connection	✓	✓	-
TDM PIR Connection	-	✓	-
UMGi	-	✓	-
Geographic Redundancy (GR-Node) for Main CPU Back-up	✓	✓	-
Geographic Redundancy (SR-Node(S)) for Remote Site Survivability	✓	✓	-
T1/E1 based CCIS	-	✓	✓
CCIS over IP	✓	✓	✓
FCCS over IP	-	✓	-
Hotel/Motel	✓	✓	✓
Location Diversity	-	✓	-
Internal ACD	✓	✓	-
Max. Capacity	1,536	16,000	1,536

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