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S = Standard, O = Available Option

VENDOR:	NEC Unlimited Solutions, Inc		
MODEL:	Univerge SV8100 Communications Server	Univerge SV8300 Communications Server	Univerge SV8500 Communications Server
Strengths:	<p>SV8100 server (512 IP Stations) is a converged solution for small and medium businesses that features a stackable architecture, VoIP and circuit-switch technology, centralized management and a range of applications that are available as a card option or are easily activated by licenses. The system can function alone or within a network or other NEC SV8000, SV7000 and NEAX platforms.</p> <p>SV8300 server (1,152 IP stations standalone or 1,500 networked) features a stackable architecture, VoIP and circuit switch technology, centralized management and advanced applications. The system can function alone or within a network of other NEC SV8000, SV7000 and NEAX platforms.</p> <p>SV8500 server is an open standards based enterprise platform that targets numerous vertical markets including healthcare, education, hospitality, retail and call centers. SV8500 is a forward looking alternative and upgrade path for the company's NEAX 2400 IPX and the Univerge SV7000. SV8500 scales to 4,000 IP telephones on a single server or up to 192,000 ports in a multi server, multi node distributed network environment.</p>		
APPLICATION:	IP-PBX; PBX; Hybrid; Key	IP-PBX; PBX; Hybrid	IP-PBX; PBX; Hybrid
FCC REG NO.:	19-inch Chassis (US:NIFKFQ7BSN1750; US:NIFMFO7BSN1750); US:NIFPFO7BSN1750	19-inch Chassis (US:NIFKFQ7BSN1750; US:NIFMFO7BSN1750); US:NIFPFO7BSN1750	US:NIFMF21BSN8153. US:NIFPF21BSN8153. US:NIFK21BSN8153
MANUFACTURED IN:	Thailand/USA	Thailand/USA	Japan
REGIONS WHERE SOLD:	North America, EMEA, APAC	North America, EMEA, APAC	North America, EMEA, CALA, APAC
INTRODUCED:	2008	2008	2008
RELEASE/REV. LEVEL:	1.0	1.0	S1
REVISION DATE:	2009/07U	2009/07U	2009/07U
SYSTEM CAPACITY:			
Ports	416 (4 Servers) or 712 (network of 16 systems)	1,296 (standalone) or, 2,048 (network)	6144
Trunks	Max 200:200 (IP, digital) or 184 (analog or BRI)	512 (IP, analog, digital)	2000 (IP)
Stations	Max 512: 512 (IP); 320 (analog or digital)	1,152 (IP, analog); 960 (digital) or 1,500 (network)	4,000 (IP or TDM)

Busy Hour Calls	5,000	12,000	46,000 per Fusion Node
Software Packages:	1 basic package	1 basic package (loaded on each CPU) and one revision license	Business package includes optional feature modules for special applications such as networking , ACD , Hotel /Motel , etc.
System. ADMIN NOTES:	<p>System administration can be performed via Web-based programming on-site or, over the Internet. Off-line programming and remote access require special PC software. PC software is included with the system (PM hardware is purchased separately). End user programming enables users to configure their own desktop terminal. Centralized management tools, PCPro and WebPro, are designed to manage one system or a network of SV8100's.</p>	<p>System administration can be performed using a direct connection, remote access, or NEC's MA4000 Web-based software suite which includes three tools for system management, (Installation Manager, Manager, and Assistant). The PC Pro/Web Pro tool has three view options: Standard View, Wizards or System Data, and provides modification history reports, schedules updates automatically and remotely.</p>	<p>The optional MA4000 Web-based software suite for the UNIVERGE SV8500 platform includes three tools for system management. The Installation Manager speeds installation time with an import feature and templates for installing basic system data such as numbering plan and least cost routing, station information and mailboxes. The MA4000 Manager enables moves, adds and changes and displays alarms and error notification, and the MA4000 Assistant lets individual users program personal phone settings such as telephone buttons, speed dial and call forwarding. Remote access is via TCP/IP or a modem to Ethernet converter.</p>
APPLICATION NOTES:	<p>IP networking using NetLink (A licensed application) enables full feature transparency among SV8100 systems can also be networked to other NEC systems (SV8100, SV8300, SC7000, Electra Elite IPK II, IPK, IPS, IPX) using K-CCIS T1 networking (up to 256 systems total). K-CCIS networking allows a selected feature set. For remotely located IP phones the system supports the Power Save Adapter (PSA) an optional adapter for the ITL DTL terminals that automatically switches the calls to the PSTN if the LAN connection fails. When power is restored the IP telephone restarts and connects to the</p>	<p>The SV8300 communication server embeds license-based applications for ACD, networking and hospitality. For ACD requires an activation license), the SV8300 supports NEC's Call Center WorkX, Wygant or NEC's UC for business (UCB), an enterprise wide unified collaboration application for small and mid-sized businesses, combines several NEC productivity solutions (contact center, unified messaging, mobility and desktop telephony applications) in a customizable desktop application that functions alone or with Microsoft Outlook. Third party</p>	<p>ACD and contact center are optional software applications that are purchased in 25 to 1,000 agent configurations -- 7,000 configured agents and 900 groups.</p>

network.
The [SV8100](#) communication server embeds three license-based applications: ACD, [InMail](#), and Hospitality Management.

integration allows the connection of UCB with other business applications.

STATION FEATURES:

Abbr. Speed Dialong:	S	S	S
Max.Speed Dialng No.	10	100 per station/20,000 system ttl	100
Max. Dig/Speed No.	24	32	24
Automatic Busy Redial	S	S	S
Max No of Attempts	255	INA	INA
Automatic Hold Recall	S	S	S
Auto Line Prefer	S	S	S
Bridging	S	S	S
Busy Override	S barge in	S	S
Call Coverage	S	S	S
Call Duration	S	S	S
Signal	N/A	S	S
Display	S	S	S
Call Forward			
Busy	S	S	S
No Answer	S	S	S
All Calls	S	S	S
Fixed - Preset Dest	S	S	S
Var. UserSelDest	S	S	S
W/ Ovrdrtn	S	S	S
Off-Premise	S	S	S
Remote/Follow Me	S	S	S
Call Log			
Call Park	S	S	S
Call Park with Recall	S	S	S
Call Pickup			
Directed	S	S	S
Group	S	S	S
No of Groups	64	No limit (60 stations per group)	Unlimited
Call Transfer	S	S	S
Camp On/Call Waiting	S	S	S
Conference	S	S	S
Add On (3-Party)	S	S	S
MultiParty (4 or more)	S	S (4); O (8, 16, 32)	O
Max No of Parties	2 to 32 (64 ports)	S (4)	8, 16, or 32
Max Out Part/Trks	2 to 32	S (1-4 stations; 1-2 trunks)	7, 15 or 31
Meet Me Conferencing	S (2 to 32)	O (8, 16 or 32)	O (8, 16, 32)
Direct Group Calling	S	S	S

Directory (LCD)	S	S	S
Do Not Disturb	S	S	S
DND w/Override	S	S	S
by Attendant	S	S	S
by Secretary	S	S	S
by Station	S	S	N/A
Exec Ovr. Of Priv	S (barge in)	S	S
Flexible Station No	S	S	S
No Digits (min)	2	1	1
No Digits (max)	8	8	5
Handsfree AnsBack Int	S	S	S
Hold			
Exclusive	S	S	S
System	S	S	S
Hot Desking	N/A	S	S
Incoming Call Groups	S	S	S
Int. Paging thru Phones	S	S	S
MaxNo Group/Zones	64	8 zones (16 stations per zone)	99
Manual Signaling	S	S	S
Multilingual Display	S	S	0
Languages Supported	14	15	16
Off-Hook Voice Annc	S	S	0
Personalized Ringing	S	S	S
No. Diff Rings	8	8	3
Pwr. Fail Transf. Phone	S	S	S
Max No Phones	30	No Limit	24 per Gateway Chassis
Privacy	S	S	S
Privacy Rfs. (Bridging)	S	S	S
Repeat Last No. Dialed	S	S	S
Ringing Line Preference	S	S	S
Saved Number ReDial	S	S	S
Station Hunting			
Circular	S	S	S
Terminal	N/A	S	S
Secretarial / Combo	N/A	S	S
Master Pilot No.	S	S	S
Dist. UCD-type	S	S (16 UCD groups)	S
No. Hunt Groups	64	No limit	Unlimited
No St.Hunt Groups	512	60	100
Station Que w/Callback	S	S	S
Trunk Que w/ Callback	S	S	S
System Admin			

User Programmable			
via Sta. Set or DCC Con.	S	S	S
via Attendant Console	S	S	S
via PC	S	S	S
Menu-Driven	S	S	S
On-line Programmable Changes	S	S	S
Offline Programable Changes	S	S	S
Database Storage			
RAM Chips	N/A	N/A	S
EPROM	N/A	N/A	N/A
FLASH Memory	S	S	S
Floppy Disc	N/A	N/A	S
Hard Drive	N/A	N/A	S
Tape	N/A	N/A	N/A
Default Database Offered	S	S	O
Remote Programmable	S	S	S