



# UNIVERGE® SV8100 Communications Server

Fulfilling the promise of UNIVERGE®360

## At a Glance

- Six-slot, 19" stackable chassis architecture
- 512 IP stations
- 200 trunks
- Embedded applications including Voicemail and Automated Call Distribution (ACD)
- Migrates easily to an SV8300

Business today demands efficient, seamless communication that facilitates rapid decision-making and customer responsiveness. UNIVERGE360 is NEC's approach to help businesses succeed at this accelerated level.

The foundation of UNIVERGE360 is a Unified Infrastructure. The UNIVERGE SV8100 Communications Server is a key component of this foundation and is the ideal system for businesses that wish to compete and grow over time. This robust, feature-rich solution is completely scalable and can be expanded to meet your communications needs both now and in the future.

- **VoIP and Traditional Voice Support-** Deploy a pure IP solution or any combination of IP and traditional circuit-switched technology with a single SV8100 system.
- **Application Integration-** Embedded applications are easily accessed through simple license activation.
- **Scalability-** As a business's communication needs grow with the company, the SV8100 easily migrates to the larger line capacity SV8300.
- **Stackable Architecture-** The SV8100's rack stackable chassis supports server functions, media gateways and media converters through a single unit.

Empowered by Innovation

**NEC**

## Specifications

Number of SV8100s	1	2	3	4	w/ NetLink
<b>Outside Lines</b>					
IP Lines					
• IP Trunks (SIP/H323)	200**				
Analog Trunks					
• Analog Trunks (COT)	40	88	136	184	200
• T1/PRI Channels	96	192	200	200	200
• BRI Channels	40	88	136	184	200
<b>Terminals</b>					
IP Terminals					
• UNIVERGE DT700 Series	512**				
• SP310 Soft Phone	128**				
• SIP DECT Terminals	512				
• Wireless DECT Terminals	8				
Digital Terminals (TDM)					
• UNIVERGE DT300 Series	80	160	240	320	512
Analog Terminals					
• SLT (-24V)	80	160	240	320	512
• SLT (-48V)	20	44	68	92	512
<b>Applications**</b>					
• IP Pad Channels	32 / 64 / 128				
• IP Pad Channels with sRTP	24 / 48 / 96				
<b>Embedded Applications</b>					
Voice Mail					
• VM 8000 InMail	2 / 4 / 8; up to 32 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)				
• VRS channels	2 / 4 / 8 / 16				
InACD	(512 Agents, 64 ACD Groups)				
<b>In-Skin Applications</b>					
• Multimedia Conference Bridge	Up to 16				
• Interactive Voice Response (IVR)	Up to 16				
• UMS 8000 Mail	Up to 16 ports and 534 hours of storage; 1000 Mailboxes				
• Gigabit POE Switch	8 ports per blade				
• Internal Router	4 port managed Ethernet switch with VLAN Support				
<b>Networking</b>					
• NetLink Networking #	16 systems				
• K-CCIS networking (T1)	A maximum of 255 systems can be connected per K-CCIS Network. Actual number is dependant on numbering plan.				
<b>Hardware Capacity</b>					
Number of Physical Ports	104	208	312	416	712

\* Maximum number of simultaneous calls is limited by the Voice over IP Resources (IP Pad Channels) available

\*\* Maximum number based on peer to peer, maximum independent of chassis configuration



Empowered by Innovation

**NEC**

For more information, visit [www.necunified.com](http://www.necunified.com)

### Corporate Headquarters (Japan)

NEC Corporation  
[www.nec.com](http://www.nec.com)

### Oceania (Australia)

NEC Australia Pty Ltd  
[www.nec.com.au](http://www.nec.com.au)

### North America (USA)

NEC Unified Solutions, Inc  
[www.necunifiedsolutions.com](http://www.necunifiedsolutions.com)

### Asia

NEC Corporation  
[www.nec.com](http://www.nec.com)

### Europe (EMEA)

NEC Philips Unified Solutions  
[www.nec-philips.com](http://www.nec-philips.com)

**About NEC Unified Solutions, Inc.** NEC Unified Solutions helps companies unify their business through innovative software, applications, development tools, and services. NEC offers a complete portfolio for unified communications, wireless, voice, data and managed services, as well as systems integration and application development. NEC Unified Solutions, a wholly owned subsidiary of NEC Corporation of America, serves Fortune 1000, as well as small to mid-sized businesses across the globe in vertical markets such as hospitality, education, government and healthcare. For more information, visit [www.necunified.com](http://www.necunified.com).

188570 | v.04.11.08

© 2008 NEC Corporation. All rights reserved. NEC, NEC logo, and UNIVERGE are trademarks or registered trademarks of NEC Corporation that may be registered in Japan and other jurisdictions. All trademarks identified with ® or ™ are registered trademarks or trademarks respectively. Models may vary for each country. Please refer to your local NEC representatives for further details.