



UNIVERGE SV8100 Communications Server

Fulfilling the promise of UNIVERGE®360

At a Glance

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

The UNIVERGE SV8100 Communications Server is a robust, feature-rich and scalable system that is ideal for small businesses. It is designed to help solve today's communications challenges and offers the ability to expand as your business grows in the future.

The SV8100 offers:

- **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	9.5" chassis	1	2	3	4	w/ NetLink
Outside Lines						
IP Lines						
• IP Trunks (SIP)*	200**					
Analogue Trunks						
• Analogue Trunks (COT)	16	40	88	136	184	200
• PRI Channels	30	90	180	180	180	180
• BRI Channels	16	40	88	136	184	200
Terminals						
IP terminals*						
• UNIVERGE DT700 Series	512**					
• SP310 Soft Phone	128**					
• SIP DECT terminals	250					
Digital terminals (TDM)						
• UNIVERGE DT300 Series	32	80	160	240	320	512
Analogue terminals						
• SLT (-24V)	32	80	160	240	320	512
• SLT (-48V)	3	20	44	68	92	512
Applications**						
• IP Gateway channels	32 / 64 / 128					
• IP Gateway channels with sRTP	24 / 48 / 96					
Embedded Applications						
Voicemail						
• VM 8000 InMail	16 channel; up to 32 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)					
• VRS channels	16 channel					
InACD	(256 Agents, 64 ACD Groups)					
In-Skin Applications						
• Gigabit POE switch	8 ports per blade					
• Internal router	4 port managed Ethernet switch with VLAN Support					
Networking						
• NetLink networking #	16 systems					
Hardware capacity						
Number of physical ports	55	111	222	333	444	712
Physical characteristics						
• SV8100 chassis dimensions	115 x 220 x 369 mm (hxwxhd)	88 x 430 x 390 mm (hxwxhd)				
• Empty chassis weight	2.15 Kg	6.35 Kg; Average weight of cards 275 g (maximum 6 cards in chassis)				
Power consumption						
• SV8100 Chassis Power Rating	Input 100V/120V/220V/230-240V - 2.43A/2.19A/1.19A/1.15A 50/60Hz					
Compliance						
The SV8100 Communications Server carries a CE mark and complies with:						
• EMC	EN55022 Emission, EN55024 Immunity, EN61000 Powering					
• Safety	EN60950-1					
• Transmission and signalling	TBR3, TBR4, ES203-021					

* 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



About NEC Corporation: NEC Corporation (NASDAQ: NIPNY) is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC home page at: <http://www.nec.com>

For further information please contact your local NEC representative or:

EMEA (Europe, Middle East, Africa)
NEC Unified Solutions
www.nec-unified.com

North America (USA)
NEC Corporation of America
www.necam.com

Corporate Headquarters (Japan)
NEC Corporation
www.nec.com

Empowered by Innovation

NEC