

# Data Sheet

## UNIVERGE® SV8100

### Communication Servers

Robust, feature rich servers for both VoIP and traditional voice communications.



SV8100 9.5 inch 3 slot  
Communication Server



SV8100 19 inch 6 slot  
Communication Server

**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.

#### At a glance

- Offered in both six-slot, 19" stackable chassis and three-slot 9.5" chassis configurations
- 512 IP stations
- 32 TDM ports
- 200 trunks
- Embedded applications including Voicemail, Automated Call Distribution (ACD) and Mobile Extension

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## Specification

Number of SV8100s		9.5" Chassis	1	2	3	4	With Netlink
<b>Outside Lines</b>							
• IP Trunks (SIP/H323)		200*					
Analogue Trunks	• Analogue Trunks (COT)	16	40	88	136	184	200
	• PRI Channels	30	96	192	200	200	200
	• BRI Channels	16	40	88	136	184	200
<b>Terminals</b>							
<b>IP Terminals</b>							
	• UNIVERGE DT700 Series	512**					
	• SP310 Soft Phone	128**					
	• SIP DECT Terminals	250**					
	• W/LAN Terminals	512**					
	• Mobile Extensions	512					
<b>Digital Terminals (TDM)</b>							
	• UNIVERGE DT300 Series	32	80	176	272	368	512
<b>Analogue Terminals</b>							
	• SLT (-24V)	32	80	160	240	320	512
	• SLT (-48V)	8	20	44	68	92	512
<b>Applications</b>							
	• IP Pad Channels	32 / 64 / 128					
	• IP Pad Channels with sRTP	24 / 48 / 96					
Embedded Applications		Voice Mail					
	• VM 8000 InMail	8 ports					
	• VRS channels	8 / 16					
	InACD	(512 Agents, 64 ACD Groups)					
In-Skin Applications		Internal conferencing					
	• Internal conferencing	Up to 8					
	• Gigabit POE Switch	8 ports per blade					
	• Internal Router	Router including 4 PoE Ethernet ports					
<b>Networking</b>		NetLink Networking #					
	• NetLink Networking #	16 systems					
	• K-CCIS networking	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					
	Number of Physical Ports	46	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

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UNIVERGE360 is NEC's approach to unifying business communications. It places people at the centre of communications and delivers on an organisation's needs by uniting infrastructure, communications and business.

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