

# 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						
		Up to 8						
	• Gigabit POE Switch	8 ports per blade						
	• Internal Router	Router including 4 PoE Ethernet ports						
<b>Networking</b>		• 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	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.

Empowered by innovation