



UNIVERGE® SV8100 Communication Server

Fulfilling the promise of UNIVERGE®360

Empowered by Innovation

NEC



UNIVERGE® SV8100 Communication Server

The UNIVERGE SV8100 Communications Server is a robust, feature-rich and scalable system that is ideal for small businesses. Designed to help solve today's communications challenges, it is completely scalable and can be expanded to meet any SMB's communications needs now and in the future.

Scalable to Assist Growing Businesses

The SV8100 functions alone or in a network and can expand to meet all of your business communication needs, including mission-critical data applications.

At a Glance

- Scalable to assist growing businesses
- VoIP and traditional voice support
- Enhanced centralized management
- Investment protection
- Productivity enhancement
- Diverse features and applications
- Six-slot, 19" stackable chassis architecture
- 12 extensions
- 200 trunks
- Embedded applications including Voicemail and Automated Call Distribution (ACD)
- Migrates easily to an SV8300

Investment Protection

Protect your technology investment while providing a migration path to pure IP. The SV8100 has the flexibility to support your existing traditional circuit-switched technology and can be fully utilized to run in a pure IP environment.

VoIP and Traditional Voice Support

This system enables you to deploy a pure IP solution or any combination of IP and traditional circuit-switched technology. Customize the best communications solution for your business.

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.

Enhanced Centralized Management

The SV8100 offers centralized management of phones, data systems and platforms; moves, adds and changes of SV8100 phones are quick and easy. Simply plug any phone into any jack wherever it is needed and it is ready to go!

Productivity Enhancement

The SV8100 delivers a full suite of advanced applications and a high-powered feature set to help businesses run smoothly. Workers can easily manage their calls, and the mobility that the SV8100 provides to staff helps customers access your employees even while they are away from their desk.

Designed to be both versatile and scalable, the SV8100 meets a growing business's needs. All communication methods are supported – whether IP, TDM, video, wired or wireless. Its resources and features can be transparently shared between branches or remote locations by networking SV8100s, which provides a lower total cost of ownership.

Any SMB can benefit from the advanced applications that are supported by the SV8100. Three applications, SV8000 Series ACD, SV8000 Series InMail and the SV8000 Series Hospitality Management Solution, are embedded in the SV8100 for simplified license activation. These embedded programs provide comprehensive voicemail, automatic call distribution and hospitality features to enhance customer service and improve employee productivity for businesses with five or five hundred employees. Additionally, the SV8100 offers a full range of advanced features to select from.

Diverse Features and Applications

The SV8100 streamlines communication for the entire organization with its diverse suite of features and applications. It enables individuals, departments and locations to work more efficiently by ensuring seamless internal and external communications.

A wide range of tools to enhance mobility, such as cordless and wireless handsets and the SV8000 Series Desktop Suite are supported. Components of the Desktop Suite include:

- **PC Attendant** – significantly improves call management by enabling users to place a complete attendant console on a PC
- **PC Assistant** – gives users the ability to manage and operate desktop phones from their PCs
- **Softphones** – provide convenient, cost-effective mobility

Windows®-based PC Pro provides centralized online HTML-based programming access. With this intuitive browser software and its easy-to-follow wizards, programming is simplified and the time needed to complete it is significantly reduced.

The SV8100 provides converged communication – data, multimedia and voice – over one network. There is no need to run two sets of wires for voice and data; one wire does it all. Additionally, up to fifty sites can be seamlessly linked together to share resources and features. The SV8100 easily links to other NEC telephony devices such as the SV8300, the SV7000 and the NEAX® platforms.

Whether you are a small or medium-sized business, NEC's SV8100 Communications Server provides the scalability and flexibility to meet all your communication needs.

Specifications

Number of SV8100 Chassis	1	2	3	4	w/ NetLink
Outside Lines					200
IP Trunk Lines					
• IP Trunks (SIP/H323)	200**				
Analog Trunk Lines					
• Analog Trunks (COT)	40	88	136	184	
• PRI Channels	90	200	200	200	
• BRI Channels	40	88	136	184	
Terminals					512
IP Terminals					
• UNIVERGE DT700 Series	512**				
• Softphone					
Digital and Analog Terminals (TDM)					
• UNIVERGE DT300 Series	80	176	272	368	
• SLT	80	176	272	368	
• Off-premise SLT	20	44	68	92	
VoIP Channels**					
• IP Pad Channels	32 / 64 / 128				
• IP Pad Channels with encryption (sRTP)	24 / 48 / 96				
Embedded Applications (Optional)					
VM 8000 InMail					
• VRS channels	VRS / VM: 8 ports without PZ-ME50 or 16 ports with PZ-ME50				
• Voice Mail	VM: up to 32 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)				
ACD	(512 Agents, 64 ACD Groups)				
Networking					
• NetLink Networking	16 nodes				
• K-CCIS networking	A maximum of 255 systems can be connected per K-CCIS Network. Actual number is dependant on numbering plan.				

Future Releases	
Terminals	
• SIP DECT Terminals	250
• Wireless DECT Terminals	512
Applications (In-Skin: Applications designed on blades for SV system chassis)	
• Multimedia Conference Bridge	Up to 16 ports
• Interactive Voice Response (IVR)	
• UMS 8000 Mail	Up to 16 ports and 534 hours of storage; 1000 Mailboxes
• Gigabit PoE Switch	8 ports per blade

* 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.

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



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