



UNIVERGE® SV8300 Communication Server

Fulfilling the promise of UNIVERGE®360



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The speed of business today demands efficient, seamless communications to enable rapid decision-making and customer responsiveness. To succeed at this accelerated level, medium-sized businesses must have the right communication tools. NEC provides businesses with the communications and networking solutions that enable them to succeed.

The UNIVERGE SV8300 Communications Server is a robust, feature-rich solution that is completely scalable and can be expanded to meet a medium-sized business's communications needs now and in the future.

At a Glance

- Scalability for the growing business
- Investment protection
- Enhanced centralized management
- Increased productivity
- Diverse features
- Support for VoIP and traditional voice
- Seamless networking
- 9" stackable chassis architecture
- Support of up to 1152 IP stations and 512 trunks
- Open standards and Open Application Interface, including SIP and XML
- Enables Unified Communications integration

Scalability for the Growing Business

As your business grows, so do your communication needs. The SV8300 functions alone or in a network and can expand to meet all of your business communication needs, including mission-critical data applications. The SV8300 seamlessly scales to 2048 ports in a single system network image.

Investment Protection

Protect your technology investment while providing a migration path to pure IP. The SV8300 has the flexibility to support your existing traditional circuit-switched technology and can be fully utilized to run in a pure IP environment.

Support for VoIP and Traditional Voice

You can deploy a pure IP solution or any combination of IP and traditional circuit-switched technology on a single SV8300. It provides the ability to customize the best communications solution for your business.

Enhanced Centralized Management

The SV8300 offers centralized management of phone system, data system and enterprise platforms; moves, adds and changes of SV8300 phones are quick and easy. Simply plug any phone into any jack wherever it is needed and it is ready to go!

Rack-stackable Architecture

The SV8300's stackable chassis supports server functions, media gateways and media converters in a single unit.

Application Integration

Applications are easily accessed through simple licence activation.

Increased Productivity

The SV8300 delivers a full suite of advanced applications and a high-powered feature set that helps businesses run smoothly. Workers can manage their calls more easily, and the mobility that the SV8300 provides to staff helps customers access your employees even while they are away from their desk.

No other solution provides medium-sized businesses with more versatility than the SV8300. Designed to be both versatile and scalable, the SV8300 meets a growing business's needs. All communication methods are supported – whether IP, video or WiFi. Its resources and features can be transparently shared between branches or remote locations by networking SV8300s, which provides a lower total cost of ownership.

Any medium-sized business can benefit from the advanced, enterprise-grade applications supported by the SV8300. The SV8000 Series Hospitality Management Solution is even embedded in the SV8300 for simplified licence activation. Additionally, the SV8300 offers a full range of advanced features to select from.

Diverse Features

The SV8300 streamlines communications 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.

Support is provided for a wide range of tools and features that enhance productivity. Features including Calling Number and Name Display, Conferencing, Soft Keys, Voicemail, Unified Messaging and Speed Dialing are all supported. Cordless and wireless handsets and softphones provide cost-effective mobility and convenience.

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 reduced.

Seamless Networking

The SV8300 provides IP communications, such as 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.

Branch or remote locations can be seamlessly linked to share resources and features through peer-to-peer connectivity; the SV8300 easily links to other NEC communication servers such as the SV8100 and the SV7000.

For medium-sized businesses that want the communication capabilities of a large enterprise, NEC's SV8300 Communications Server provides the scalability and flexibility to meet all of your communication needs.

Number of SV8300 Unit and Chassis	1 Unit			2 Units	3 Units	4 Units	System Max Stand Alone	System Max Remote Link			
	1	2	3								
Number of Physical Ports	108	216	324	648	972	1296	1296	1536			
Outside Lines											
☐ IP Lines											
☐☐ • IP Trunks (SIP) Channels				96				96	512	96	512
☐☐ • IP Trunks (P2P) Channels				512				512		512	
☐ Analog/Digital Trunks											
☐☐ • Analog Trunks (DOT)	48	96	144	288	432	512	512		512		
☐☐ • E1/PRI Channels	93	186	279	496	496	496	496	512	496	512	
☐☐ • BRI Channels	48	96	144	256	256	256	256		256		
Terminals											
☐ IP Terminals											
☐☐ • UNIVERGE DT700 Series											
☐☐ • Dterm IP Terminals											
☐☐ • Dterm SIP/WLAN											
☐☐ • Softphone											
☐ Digital Telephones											
☐☐ • UNIVERGE DT300 Series	96	192	288	576	864	1152	1152	1536	1152	1536	
☐☐ • Dterm Series I Terminals											
Analog Telephones (Combination depends on power consumption of SL7 terminals)											
☐☐ • SLT (-24V)	96	192	288	576	864	1152	1152	1536	1536	1536	
☐☐ • SLT (-48V)	24	48	72	144	216	288	288				

Pure IP/SIP System

SV8300 Processor Supports IP & SIP



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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