

ABOUT SV8100 COMMUNICATION SERVER

Business today demands efficient, seamless communication to enable rapid decision-making and customer responsiveness. NEC's UNIVERGE 360 is our approach to help small to medium-sized businesses succeed at this accelerated level by placing people at the center of communications. The UNIVERGE SV8100 Communications Server is an integral part of this initiative.

The UNIVERGE SV8100 Communications Server is the ideal system for SMBs that wish to compete and grow their businesses 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.

Designed to be both versatile and scalable for your growing business needs, the SV8100 supports TDM, IP, video, wired or wireless. It also provides three on-board applications and a full range of high-powered features that can be transparently shared between branches or remote locations. Individuals, departments and locations can work more efficiently by using this feature to communicate seamlessly in real time.

The SV8100 also supports a wide variety of solutions from the SV8000 Series family of products, including:

The UNIVERGE SV8000 Series Desktop Suite is a significant component of NEC's UNIVERGE360 approach to help companies unify their business communications. For use on the SV8100 Communications Server, it combines the functionality of three products, PC Assistant, PC Attendant and the SP310 Softphone. With the Desktop Suite, your company can provide customers the attention they deserve. It can increase employee collaboration and provide the enhanced productivity needed in today's increasingly mobile world.

In today's intensely competitive business environment, smart companies know that it takes great customer service to get ahead.

For an organization to have true role-enabled communications, it must have access to the best data networking products on the market today. NEC's UNIVERGE360 approach to communications ensures that we understand these needs and know the necessity of having comprehensive, integrated communications. Through this methodology, we place users and their specific roles at the center of our product development. NEC's UNIVERGE SV8000 Series Netlink facilitates real communication integration and supports unified communications for your organization. It demonstrates NEC's commitment to our UNIVERGE360 approach.

UNIVERGE SV8000 Series Netlink ensures your business can grow and communicate effectively with centralized programming and management. It extends your reach to remote offices and mobile workers while providing increased efficiency, and feature transparency – regardless of the primary unit's physical location. And because it is compatible with standards-based IP routing and switching, it even can be implemented on existing networks.

UNIVERGE SV8100 FEATURES

- **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.

UNIVERGE SV8100 BENEFITS

The SV8100 Communications Server offers a scalable, reliable, full-featured communications solution to meet a growing business's needs.

- Converged communications – data, multimedia and voice over one network
- Enhanced management
- Investment protection
- Pure IP with the flexibility to support TDM - providing a clear migration path
- Easily accessed, customizable advanced productivity applications and collaboration tools
- Easy-to-learn and use interfaces and applications
- Streamlined business processes
- Ability for staff/customers to reach the right resources with one call
- Security with a high-level of Quality of Service

UNIVERGE Desktop Digital Terminals offer features and benefits that brilliantly capture the essence of form and function while providing businesses the means to seamlessly communicate with their customers. These terminals, which are an important part of NEC's UNIVERGE360 approach, deliver exceptional value and can be customized to fit your organization's needs. With their user-friendly ergonomic design, a range of models to choose from and a choice of interfaces and options, they provide users with access to the full power of UNIVERGE communication platforms.

NEC's UNIVERGE Desktop IP Terminals provide all the features and functionality of traditional phones with the seamless integration of advanced IP applications. Integration of voice and data is no longer limited to the network or the PC desktop; it is now in the end-users' hands, providing role-enabled communications as part of NEC's UNIVERGE360 approach.

UNIVERGE Desktop IP Terminals are ergonomically designed for natural comfort and facilitate use through an array of menu-driven soft key functions and easy-access function keys. Together, these aspects of the terminal deliver power, versatility and programmability to all user stations, maximizing efficiency and productivity.

Because the entire desktop surface is crafted for user productivity and fosters better speed, service and performance, the UNIVERGE Desktop IP Terminal can help your business reach more profitable heights.

DESKTOP DIGITAL TERMINALS FEATURES

- A full range of models
- Call history
- Local and system directories
- Wideband audio (7Khz internal connection)
- Internal 10/100M
- New, intuitive interfaces with easily recognized global icons
- Separate configurations for each user
- Optional adapters:
 - Analog Record Adapter (ADA)
 - Direct Station Selection (DSS)
 - PSTN Adapter for Analog (PSA)
 - 60 Line Key Direct Station Selection (60DSS)
 - Digital PSTN Adapter for Analog (PSA)
 - Analog Port w/ Ringer (APR)
- Customizable side panels and keypads

UNIVERGE SV8100 SPECIFICATIONS

Number of SV8100s:	1	2	3	4	w/NetLink
Hardware Capacity					
Number of Physical Ports	104	208	312	416	712
Outside Lines					
Analog Trunks					
Analog Trunks (COT)	40	88	136	184	200
T1/PRI Channels	96	192	200	200	200
BRI Channels	40	88	136	184	200
IP Lines					
IP Trunks (SIP/H323)			200***		
Terminals					
Digital Terminals (TDM)					
UNIVERGE DT300 Series	80	160	240	320	512
Analog Terminals					
SLT (-24V)	80	160	240	320	512
SLT (-48V)	20	44	68	92	512
IP Terminals					
UNIVERGE DT700 Series			512**		
SP310 Soft Phone			128**		
SIP DECT Terminals			512		
Wireless DECT Terminals			8		
Applications**					
IP Pad Channels		32/64/128			N/A
IP Pad Channels with sRTP		24/48/96			N/A
Embedded Applications					
Voice Mail					
VM 8000 InMail	2/4/8; Up to 32 hrs of storage; 576 mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)				N/A
VRS channels		2/4/8/16			N/A

InACD	(512 Agents, 64 ACD Groups)	N/A
In-Skin Applications		
Multimedia Conference Bridge	Up to 16	N/A
IVR		
UMS 8000 Mail	Up to 16 ports & 534 hrs storage; .1000 mailboxes	N/A
Gigabit POE Switch	8 ports per blade	N/A
Internal Router	4 port managed Ethernet switch w/VLAN support	N/A
Networking		
NetLink	16 systems	
Networking#		
K-CCIS networking (T1)	255 systems max. connectable per K-CCIS Network. Actual number depends on numbering plan.	

The NEC SV8100 is the ideal system for SMBs that wish to compete and grow their business. This robust, feature-rich solution is completely scalable and can be expanded to meet any SMB's communications needs now and in the future.

The SV8100 expands to support larger and growing businesses. Just one SV8100 platform meets numerous line sizes and protects the customer's original investment. The SV8100 CPU is configured for 64 devices; but, growth up to 512 devices is simple with the addition of software licenses.

The SV8100 delivers high-powered features to small businesses, growing businesses and medium sized businesses. Smaller companies get big company features with the SV8100, and growing business simply grow their existing investment. Regardless of whether a business has 8 or 200 employees the SV8100 consistently delivers a great system for the small and midsize business (SMB) marketplace.



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.

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. We can customize the best communications solution for your business.

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's needed. It's ready to go!

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.

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 desks.