



UNIVERGE® SV8100 Communications Server

Fulfilling the promise of UNIVERGE®360

At a Glance

- Offered in both six-slot, 19" stackable chassis and three-slot 9.5" chassis configurations
- 512 IP stations
- 200 trunks
- Embedded applications including Voicemail and Automated Call Distribution (ACD)
- Migrates easily to an SV8300

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.
- **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.

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Specifications

| Number of SV8100s | 9.5" Chassis | 1 | 2 | 3 | 4 | w/ NetLink |
|------------------------------------|--------------|-----|-----|-----|-----|---|
| Outside Lines | | | | | | |
| IP Lines | | | | | | |
| • IP Trunks (SIP/H323) | | | | | | 200** |
| Analog Trunks | | | | | | |
| • Analog Trunks (COT) | 16 | 40 | 88 | 136 | 184 | 200 |
| • T1/PRI Channels | 48 | 96 | 192 | 200 | 200 | 200 |
| • BRI Channels | 16 | 40 | 88 | 136 | 184 | 200 |
| Terminals | | | | | | |
| IP Terminals | | | | | | |
| • UNIVERGE DT700 Series | | | | | | 512** |
| • SP310 Soft Phone | | | | | | 128** |
| • SIP DECT Terminals | | | | | | 512 |
| • Wireless DECT Terminals | | | | | | 8 |
| Digital Terminals (TDM) | | | | | | |
| • UNIVERGE DT300 Series | 32 | 80 | 176 | 272 | 368 | 512 |
| Analog Terminals | | | | | | |
| • SLT (-24V) | 32 | 80 | 160 | 240 | 320 | 512 |
| • SLT (-48V) | 8 | 20 | 44 | 68 | 92 | 512 |
| Applications** | | | | | | |
| • IP Pad Channels | | | | | | 32 / 64 / 128 |
| • IP Pad Channels with sRTP | | | | | | 24 / 48 / 96 |
| Embedded Applications | | | | | | |
| Voice Mail | | | | | | |
| • VM 8000 InMail | | | | | | 2 / 4 / 8; up to 32 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes) |
| • VRS channels | | | | | | 2 / 4 / 8 / 16 |
| InACD | | | | | | (512 Agents, 64 ACD Groups) |
| In-Skin Applications | | | | | | |
| • Multimedia Conference Bridge | | | | | | Up to 16 |
| • Interactive Voice Response (IVR) | | | | | | Up to 16 |
| • UMS 8000 Mail | | | | | | Up to 16 ports and 534 hours of storage; 1000 Mailboxes |
| • Gigabit POE Switch | | | | | | 8 ports per blade/ 20 per system |
| • Internal Router | | | | | | 4 port managed Ethernet switch with VLAN Support |
| Networking | | | | | | |
| • NetLink Networking # | | | | | | 16 systems |
| • K-CCIS networking (T1) | | | | | | A maximum of 255 systems can be connected per K-CCIS Network. Actual number is dependant on numbering plan. |
| Hardware Capacity | | | | | | |
| Number of Physical Ports | 48 | 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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