Empowered by Innovation

# UNIVERGE® SV8100 Communications Server



## 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 Unified Communications, Voicemail and Automated Call Distribution (ACD)
- Migrates easily to an SV8300

## Overview

In today’s technology driven market, efficient, seamless communications are critical to a business’s success. Therefore, it is important for you to invest in a unified communications solution that will allow you to take advantage of the latest productivity-enhancing IP applications that can deliver increased performance throughout your organization.

The UNIVERGE SV8100 Communications Server is a comprehensive integrated solution designed to meet the unique challenges of small to medium size businesses. This high-performance, feature-rich solution supports pure peer-to-peer IP telephony connectivity, advanced networking, traditional digital switching, or a combination - all from one solution. It allows you to converge your organization’s voice and data networks, and benefit from the cost-saving advantages, convenience, and ease of use afforded by networked communications servers.

## Solution

- **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.

## 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 | | | | |
| 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 | | 2/4/8/16 up to 64 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 | | | | |
| • UM 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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