

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 a UNIVERGE SV8300 Communications Server

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**		
Analogue Trunks						
• Analogue 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
Analogue 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 & In-Skin Applications						
Voice Mail / Unified Messaging	• VM8000 InMail	2/4/8/16 up to 64 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)				
	• UM8000 Mail	Up to 16 ports and 534 hours of storage; 1000 Mailboxes				
• VRS channels				2 / 4 / 8 / 16		
InACD (Contact Center)				512 Agents, 64 ACD Groups		
• Conference Bridge				Up to 16		
• NEC Meeting Center				Up to 24 conference ports		
• 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 dependent 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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