UNIVERGE SV8100 Communications Server

Fulfilling the promise of UNIVERGE®360

At a Glance

- Six-slot, 19" stackable chassis and three-slot chassis configurations

- 512 extensions

- 200 trunks

- Embedded applications including Voicemail and Automated Call Distribution (ACD)

- Migrates easily to an SV8300

The UNIVERGE SV8100 Communications Server is a robust, feature-rich and scalable system that is ideal for small businesses. It is designed to help solve today's communications challenges and offers the ability to expand as your business grows in the future.

The SV8100 offers:
- **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)*			200**			
Analogue Trunks						
• Analogue Trunks (COT)	16	40	88	136	184	200
• PRI Channels	30	90	180	180	180	180
• BRI Channels	16	40	88	136	184	200
Terminals						
IP terminals*						
• UNIVERGE DT700 Series			512**			
• SP310 Soft Phone			128**			
• SIP DECT terminals			250			
Digital terminals (TDM)						
• UNIVERGE DT300 Series	32	80	160	240	320	512
Analogue terminals						
• SLT (-24V)	32	80	160	240	320	512
• SLT (-48V)	3	20	44	68	92	512
Applications**						
• IP Gateway channels			32 / 64 / 128			
• IP Gateway channels with sRTP			24 / 48 / 96			
Embedded Applications						
Voicemail						
• VM 8000 InMail		16 channel; up to 32 hours of storage; 576 Mailboxes (512 subscribers, 32 groups, 32 call routing mailboxes)				
• VRS channels			16 channel			
InACD			(256 Agents, 64 ACD Groups)			
In-Skin Applications						
• Gigabit POE switch			8 ports per blade			
• Internal router			4 port managed Ethernet switch with VLAN Support			
Networking						
• NetLink networking #			16 systems			
Hardware capacity						
Number of physical ports	55	111	222	333	444	712
Physical characteristics						
• SV8100 chassis dimensions	115 x 220 x 369 mm (hxwxd)		88 x 430 x 390 mm (hxwxd)			
• Empty chassis weight	2.15 Kg		6.35 Kg; Average weight of cards 275 g (maximum 6 cards in chassis)			
Power consumption						
• SV8100 Chassis Power Rating			Input 100V/120V/220V/230-240V - 2.43A/2.19A/1.19A/1.15A 50/60Hz			
Compliance						
The SV8100 Communications Server carries a CE mark and complies with:						
• EMC			EN55022 Emission, EN55024 Immunity, EN61000 Powering			
• Safety			EN60950-1			
• Transmission and signalling			TBR3, TBR4, ES203-021			

* *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*

For further information please contact your local NEC representative or:

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