

UNIVERGE® SV9300 Communications Server



The SV9300 meets all your communications needs.



At a Glance

- Single System Redundant CPU
- Power Options (Battery backup)
- IP Extensions/Digital/Analog
- Stations up to 1,536
- 2,048 Resource Ports
- Trunks up to 512
- Multi-Line SIP Client with Multi-Carrier SIP Support
- Network Failover CPU

Overview

The UNIVERGE SV9300 Communications Server is a robust, feature-rich, Unified Communications system that is ideal for small and medium-sized businesses. The server is designed to help solve today's communications challenges and is built with your migration path in mind, so you can scale your communications to meet the needs of future organizational growth with a platform that allows for the easy expansion of your system capabilities.

Solution

| The SV9300 will grow as your business grows

The UNIVERGE SV9300 offers:

- Distinct, scalable, Unified Communications server
- IP or Digital voice support
- Unified Messaging, Voicemail and Mobility features included
- Streamlined application integration through the new simplified user licensing structure
- Easy-to-use single point configuration and management
- Stackable chassis architecture which supports server functions, media gateways and media converters in a single unit.





Technical Data

Item			1 Unit			2 Units	3 Units	4 Units	System Max			
			2U x 1	2U x 2	2U x 3	2U x 6	2U x 9	2U x 12	Standalone	Remote Unit		
Blade Slots			6	12	18	36	54	72	72		900	
Port	Physical Port		108	216	324	628	972	1296	1296	2048	2048	2048
	Virtual Port		1536			2048		2048			2048	
Physical Port	SLT (-28V)		96	192	288	576	864	1152	1152	1536	1536	1536
	SLT (-48V)		24	48	72	144	216	288	288		1536	
	Digital Multiline Terminal (-48) (DT400/DT300 series)		96	192	288	577	864	1152	1152	1536		
	Digital Multiline Terminal (-48) (DT400/DT300 series w/APR) (Note 1)		28 (28)	56 (56)	84 (84)	168 (168)	252 (252)	336 (336)	336 (336)	768 (768)		
	DSS Console (for DT400/DT300 series) (Note 2)					32				32	32	
	Desk Console (Note 4)					8				8	8	
	ISDN Terminal (BRI Bch) (Note 3)		48	96	144			256	256	256		
	In-skin UMS Port		48	96				128	128	128		
16-Party Conference w/PVA (ch)		96				128			128	128		
Virtual Port	IP Multiline Terminal (DT800/DT700 series)		1024			1536		1536		1536	1536	1536
	Softphone											
	Wi-Fi Handset (MH240)											
	IP Single Line Telephone (SIP) (Standard SIP Terminal)		512			1024		1024		1024		
	DSS Console (for DT800/DT700 series) (Note 2)					32				32	32	
Physical Port	Central Office Trunk	COT	48	96	144	288	432	512	512	512	512	512
		DID	24	48	72	144	216	288	288	512		
	Tie Line Trunk	E&M	24	48	72	144	216	288	288	512		
			BRI Trunk (Note 3)	48	96	144			256	256	256	
	PRI Trunk (Note 6)	23B+D	96	192	288			504	504	504		
		30B+D	93	186	279			496	496	496		
	DTI Trunk	T1	96	192	288			504	504	504		
		E1	90	180	270			510	510	510		
	CCIS Trunk (Note 6)	1.5M	96	192	288			384	384	384		
		2M	93	168	279			496	496	496		
Virtual Port	IP Trunk (P2P CCIS)		512					512	512	512	512	
	SIP Trunk (Note 8)		100			200	300	400	400	512		
VoIP Channel	w/RTP		128		256	384	512	512	6400			
SIP Converter			96		192	288	384	384	381			
Modem Channel (Note 4)						1			1	1		

Technical Data (cont.)

Item	1 Unit			2 Units	3 Units	4 Units	System Max			
	2U x 1	2U x 2	2U x 3	2U x 6	2U x 9	2U x 12	Standalone	Remote Unit		
Speech Synthesis announcement (Note 4)				8			8	16	900	16
VRS Message (Note 4)				16			16		16	
DTMF Sender				64			64		64	
Caller ID Sender (FSK)				16			16		16	
DTMF Receiver (Note 5)				32			32	32	32	32
MF Sender (Note 4,5)				32			32		32	
MF Receiver (Note 5)				32			32		32	
Caller ID Receiver (FSK) (Note 5)				32			32		32	
Caller ID Receiver (DTMF) (Note 5)				32			32		32	
MFC Sender (Note 5)				16			16		16	
MFC Receiver (Note 5)				16			16		16	
3-/4-Party Conference (ch)		64			128		128	128	128	128
32-Party Conference (ch) (Note 7)				32			32		32	

Notes

Note 1: When using DT400/DT300/Dterm with APR (Dual Port Mode), the physical ports for analog station shown in parenthesis are required in addition to the physical ports for Multiline Terminal.

Note 2: The total number of following DSS Consoles is maximum 32 per system.

- DSS Console (for DT400/DT300 series)
- DSS Console (for DT800/DT700 series)

Note 3: The required number of ports per blade is shown in Table 4-2. (e.g. GCD-2BRIA +GPZ-2BRIA: 8 ports)

Note 4: Available at main unit (Unit01) only.

Note 5: The total number of following functions is maximum 32 per system.

- DTMF Receiver
- Caller ID Receiver (FSK)
- Caller ID Receiver (DTMF)
- MFC Sender
- MFC Receiver
- MF Sender
- MF Receiver

Note 6: The number of System Port Capacity Licenses required is different from the number of actual Physical Ports consumed. Refer to Table 8-2.

Note 7: The following conference groups can be configured.

- One, 32-party conference group
- Two, 16-party conference groups
- Four, eight-party conference groups

Note 8: In case of call from/to TDM terminal via SIP trunk, maximum 512 calls (100 calls per unit) can be established at the same time, because one VoIPDB channel is occupied per call. In case of call from/to IP terminal via SIP trunk, maximum 50 calls can be established at the same time, because two VoIPDB channels are occupied per call.

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