

# UNIVERGE® SV9300 COMMUNICATIONS SERVER



## Smart Communications for **Small and Medium Businesses**

**The UNIVERGE SV9300 Communications Server is a robust, feature-rich, Unified Communications enabled 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 as your business grows.**

The SV9300 offers:

- > Distinct, scalable, Unified Communications enabled 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.



"The SV9300 will grow as your business grows."



### At a glance

- > Redundant CPU and power options
- > IP Extensions/Digital/Analog
- > Stations up to 2,048
- > 2,048 Resource Ports
- > Trunks up to 512
- > Multi-Line SIP Client with Multi-Carrier SIP Support

# The SV9300 meets all your communications needs



## 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		
<b>Blade Slots</b>		6	12	18	36	54	72	72		900		
<b>Port</b>	Physical Port	108	216	324	628	972	1296	1296	2048	2048	2048	
	Virtual Port	1536			2048			2048		2048		
<b>Physical Port</b>	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 (-48V) (DT400/DT300 series /Dterm series i)	96	192	288	576	864	1152	1152		1536		
	Digital Multiline Terminal (-48V) (DT400/DT300 series w/APR) <b>(Note 1)</b>	28 (28)	56 (56)	84 (84)	168 (168)	252 (252)	336 (336)	336 (336)		768 (768)		
	Digital Multiline Terminal (-48V) (Dterm series i w/APR) <b>(Note 1)</b>	21 (21)	42 (42)	63 (63)	126 (126)	189 (189)	252 (252)	252 (252)		768 (768)		
	DSS Console (for Dterm series i / DT400/DT300 series ) <b>(Note 2)</b>	32						32		32		
	Desk Console <b>(Note 4)</b>	8						8		8		
	ISDN Terminal (BRI Bch) <b>(Note 3)</b>	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		
<b>Virtual Port</b>	IP Multiline Terminal (DtermIP series i)	1024			1536			1536	1536			
	IP Multiline Terminal (DT800/DT700 series )											
	Softphone											
	Wi-Fi Hands et (MH240)											
	IP Single Line Telephone (SIP) (Standard SIP Terminal)	512			1024			1024		1024		
	DSS Console (for DT800/DT700 series) <b>(Note 2)</b>	32						32		32		
<b>Physical Port</b>	Central Office Trunk	COT	48	96	144	288	432	512	512	512	512	
		DID	24	48	72	144	216	288		288		
	Tie Line Trunk	E&M	24	48	72	144	216	288		288		512
	BRI Trunk <b>(Note 3)</b>		48	96	144	256				256		256
	PRI Trunk <b>(Note 6)</b>	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 <b>(Note 6)</b>	1.5M	96	192	288	384				384		384
		2M	93	186	279	496				496		496
<b>Virtual Port</b>	IP Trunk (P2P CCIS)	512						512	512			
	SIP Trunk <b>(Note 8)</b>	100			200	300	400	400	512			

# The SV9300 meets all your communications needs



## 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				
VoIP Channel	w/RTP	128			256	384	512	512	6400				
SIP Converter		96			192	288	384	384	384				
Modem Channel (Note 4)		1						1	1				
Speech Synthesis announcement (Note 4)		8						8	16	8	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	

**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/Dterm series i)
- DSS Console (for DT800/DT700 series)

**Note 3:** The required number of ports per blade is shown in Table 4-2. (e.g. GCD-2BR1A +GPZ-2BR1A: 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.

For further information please contact NEC EMEA or:

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