DATA SHEET

Orchestrating a brighter world

NEC

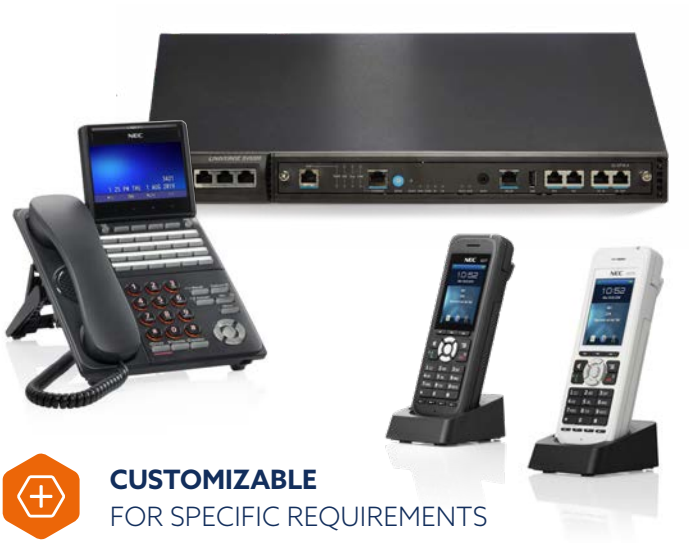
UNIVERGE® SV9300

COMMUNICATIONS PLATFORM

The UNIVERGE® SV9300 unified communications solution is a robust, feature-rich system that is ideal for geographically distributed businesses and enterprises. It is designed to help solve today's communications and collaboration challenges and offers easy integration with NEC's unique vertical solutions.

UNIVERGE® SV9300
AT A GLANCE

- 2U 19-inch rack high-availability Appliance Server with redundant power, network ports and Intel® Core CPU Options
- IP networked geographical redundancy with alternative MGC's
- Multi-Line SIP Client and multiple SIP carrier support
- Wide-range of endpoints for all IP extensions/digital/analog
- Seamless and flexible deployment with up to 1,536 IP extensions in one system
- Hospitality feature options
- Global regulatory and environmental compliances including FCC, UL/CSA , CE Marking, Industry Canada, RoHS, REACH and Section 508 Compliant



CUSTOMIZABLE
FOR SPECIFIC REQUIREMENTS

The SV9300 communications platform offers:

- Powerful Unified Communications with Mobility and Unified Messaging integrated within the solution
- Latest upgradeable communications technology – protect your investment
- Both SIP and ISDN technology for a future-proof solution
- Easy-to-use single point configuration and management
- 19-inch stackable chassis architecture which supports server functions, media gateways and media converters in a single unit

THE SV9300 OFFERS

SMART COMMUNICATIONS FOR SMALL AND MEDIUM BUSINESSES

TECHNICAL DATA

			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	648	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 (-48V)		96	192	288	576	864	1152	1152		1536	
	Digital Multiline Terminal (-48V) w/APR (Note 1)		28 (28)	56 (56)	84 (84)	168 (168)	252 (252)	336 (336)	336 (336)		768 (768)	
	DSS Console (Note 2)		32						32		32	
	Des k 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		1024			1536			1536		1536	
	Softphone											
	Wi-Fi Handset											
	IP Single Line Telephone (SIP) (Standard SIP Terminal)		512			1024			1024		1024	
	DSS Console (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	186	279	496			496		496	
Virtual Port	IP Trunk (P2P CCIS)		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		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 a D^{term} 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. 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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