

# 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

- > 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
- > Streamlined application integration through the new simplified user licensing structure
- > 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 |      |
| <b>Blade Slots</b>                            |  | 6      | 12     | 18     | 36      | 54      | 72      | 72          |      | 900         |      |
| <b>Port</b>                                   | Physical Port  | 108    | 216    | 324    | 648     | 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)                      | 96     | 192    | 288    | 576     | 864     | 1152    | 1152        |      | 1536        |      |
|   | Digital Multiline Terminal (-48V) w/APR (Note 1)       | 28     | 56     | 84     | 168     | 252     | 336     | 336         |      | 768         |      |
|   |  | (28)   | (56)   | (84)   | (168)   | (252)   | (336)   | (336)       |      | (768)       |      |
|   | DSS Console (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     | 128         |      |             |      |
| <b>Virtual Port</b>                           | IP Multiline Terminal                                  | 1024   |        |        | 1536    |         |         | 1536        | 1536 | 1536        | 1536 |
|   | Softphone  |        |        |        |         |         |         |             |      |             |      |
|   | SIP Converter  | 96     |        |        | 192     | 288     | 384     | 384         | 384  |             |      |
|   | IP Single Line Telephone (SIP) (Standard SIP Terminal) | 512    |        |        | 1024    |         |         | 1024        | 1024 |             |      |
|   | DSS Console (Note 2)                                   |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>Physical Port</b>                          | Central  | 48     | 96     | 144    | 288     | 432     | 512     | 512         | 512  | 512         | 512  |
|   | Office Trunk   | DID    | 24     | 48     | 72      | 144     | 216     | 288         |      | 288         |      |
|   | Tie Line Trunk   | E&M    | 24     | 48     | 72      | 144     | 216     | 288         |      | 288         |      |
|   | BRI Trunk (Note 3)                                     |        | 48     | 96     | 144     | 256     |         |             |      | 256         |      |
|   | PRI Trunk (Note 6)                                     | 23B+D  | 96     | 192    | 288     | 504     |         |             |      | 504         |      |
|   |  | 30B+D  | 93     | 186    | 279     | 496     |         |             |      | 496         |      |
|   | DTI Trunk  | T1     | 96     | 192    | 288     | 504     |         |             |      | 504         |      |
|   |  | E1     | 90     | 180    | 270     | 510     |         |             |      | 510         |      |
|   | CCIS Trunk (Note 6)                                    | 1.5M   | 96     | 192    | 288     | 384     |         |             |      | 384         |      |
|   |  | 2M     | 93     | 186    | 279     | 496     |         |             |      | 496         |      |
| <b>Virtual Port</b>                           | IP Trunk (P2P CCIS)                                    |        |        |        | 512     |         |         | 512         | 512  |             |      |
|   | SIP Trunk (Note 8)                                     | 127    |        |        | 254     | 381     | 508     | 508         | 512  |             |      |
| <b>VoIP Channel</b>                           | w/ RTP   | 128    |        |        | 256     | 384     | 512     | 512         | 6400 |             |      |
| <b>Modem Channel (Note 4)</b>                 |  |        |        |        | 1       |         |         | 1           | 1    |             |      |
| <b>Speech Synthesis announcement (Note 4)</b> |  |        |        |        | 8       |         |         | 8           | 8    |             |      |
| <b>VRS Message (Note 4)</b>                   |  |        |        |        | 16      |         |         | 16          | 16   |             |      |
| <b>DTMF Sender</b>                            |  |        |        |        | 64      |         |         | 64          | 64   |             |      |
| <b>Caller ID Sender (FSK)</b>                 |  |        |        |        | 16      |         |         | 16          | 16   |             |      |
| <b>DTMF Receiver (Note 5)</b>                 |  |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>MF Sender (Note 4, 5)</b>                  |  |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>MF Receiver (Note 5)</b>                   |  |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>Caller ID Receiver (FSK) (Note 5)</b>      |  |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>Caller ID Receiver (DTMF) (Note 5)</b>     |  |        |        |        | 32      |         |         | 32          | 32   |             |      |
| <b>MFC Sender (Note 5)</b>                    |  |        |        |        | 16      |         |         | 16          | 16   |             |      |
| <b>MFC Receiver (Note 5)</b>                  |  |        |        |        | 16      |         |         | 16          | 16   |             |      |
| <b>3-/4-Party Conference (ch)</b>             |  | 64     |        |        | 128     |         |         | 128         | 128  |             |      |
| <b>32-Party Conference (ch) (Note 7)</b>      |  |        |        |        | 32      |         |         | 32          | 32   |             |      |

Note 1: When using a D<sup>term</sup> 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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