Dterm SP30

IP multimedia softphone

At a Glance

- All the call handling and feature support of a traditional telephone

- Headset and handset integration

- Unique collaboration features

- Compatible with most VPN configurations

- Audio alogorithm support G.711 and G.729a

- Support QoS

The NEC Unified Solutions' advanced softphone application Dterm SP30, for the UNIVERGE SV8300, UNIVERGE SV8500 and UNIVERGE SV7000 allows you to use your PC to make voice calls and collaborate with other users.

The Dterm SP30 softphone is the natural choice for environments that demand new IP-based solutions. Through virtual private networks (VPNs), you can use virtually any internet connection, wherever you happen to be, enabling you to handle calls through your extension just as if you were in the office.

Offering the full range of traditional telephony features, along with impressive voice quality over IP, the Dterm SP30 softphone fully meets the needs of the IP-enabled mobility/PC-based market.

The Dterm SP30 softphone is also the perfect solution for office workers who would prefer to access their telephony features via a PC.

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Features

			Release 18
Advanced call features	Fast access buttons	Caller-ID display	✓
	Call transfer	Call hold	✓
	Call conferencing	Call deflection	✓
	Do not disturb	Last number redial	✓
	Voicemail integration	Voice recording	✓
Handset Support			✓
Headset Support			✓
Call log	Dialled (number, starting time and duration)	Received (number, starting time and duration)	✓
	Missed (number, starting time and duration)	Dialback on incoming and outgoing calls	✓
	Insert or delete memos on selected sessions in the call log for later reference or action items		✓
Configurable online display	Accessing keypad or keyboard dial	Drag & drop dialling	✓
	Speed-dial buttons	32 programmable line keys	✓
	Status indicators	Message-waiting lamp	✓
	Call-control buttons	Feature buttons audio and volume control	✓
Collaboration features	Video conferencing	Chat mode	✓ [1]
	File transfer	TAPI functions	✓ [1]
	Telephone directory integration	Short text messaging	✓
	Presence status	URL integration	✓
	Application sharing		✓ [1]

1) Not possible for Vista

PC requirements

Dterm SP30 client specification	
OS	Windows XP/2000 SP4 or higher, Vista
Memory	256 Mb or higher
CPU	Pentium III 900 MHz or higher on an IBM-PC/AT compatible machine
Hard drive	50MB or higher free capacity
LAN interface	10/100Mb Ethernet
Microsoft XML	Version 3.0 or above
IP Telephony server	UNIVERGE SV8300 UNIVERGE SV7000 SOPHO 2000 IPS NEAX 2000 IX

PBX requirements

PBX specification	
PBX	IP enabled PBX
SP30 user	SP30 license per user
SP30 SIP user	SP30 license per user
IP seat	IP capacity license per user

Protocol modes

The Dterm SP30 can operate in SIP mode or in Proprietary mode. Operability and service functions of both modes are comparable.

Maintenance

FTP download for program update	The software of the Dterm SP30 can be upgraded to the latest version automatically. No need for end-users to install the software themselves.
Large scale FTP configurations	IT managers are provided with tools to design a customised configuration installation disk specific to their site.

Audio algorithm support

Audio algorithms	
G.711 - 64 Kbps	G.729a - 8 Kbps
	Echo cancellation
	G722, AMR-NB and AMR-WB
	Jitter control
	Packet loss concealment
	Forward Error Correction
	Noise suppression
Voice packet prioritization	IP Precedence or DiffServ 802.1Q/p

UNIVERGE®360 is NEC's approach to unifying business communications. It places people at the center of communications and delivers on an organization's needs by uniting infrastructure, communications and business.

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