SIEMENS

Reseller Learning Zone

Application No: 2221

- HiPath 3300 & 3500 V3.0

Vital Statistics

November 2002

Prepared by Reseller Sales Support Team

SIEMENS

Application No: 2221

HiPath 3300 & 3500 V3.0 Vital Statistics

Detailed below is information on the physical build and specifications for Version 3 of the HiPath 3300 and 3500 rack mounted voice servers which should be useful when responding to tenders etc.

Maximum Capacities
The following figures **exclude** extensions connected via adapters.

HiPath 3300
Maximum corded (TDM) extensions   28
Maximum cordless (TDM) extensions   16
Maximum IP extensions   96
Maximum trunks   16

HiPath 3500
Maximum corded (TDM) extensions   52
Maximum cordless (TDM) extensions   32
Maximum trunks   60 (one PRI card only)
Maximum IP extensions   192

NB 1 The combined maximum trunk and extension capacities will depend on individual configurations.   **NB 2** The combined maximum TDM corded, cordless and IP extension capacities will depend on individual configurations.
NB 3 ISDN devices connected via S0 Bus to be included in extension capacities.

Control Unit Details
Number of universal card slots   HiPath 3300 2
                                                                  HiPath 3500 6
Cabinet Size (H * W * D)   HiPath 3300   89mm*440mm*380mm (2U)
                                          HiPath 3500   155mm*440mm*380mm (4U)
Cabinet Weight   HiPath 3300 6KG (fully configured)
                                          HiPath 3500 8 KG (fully configured)

NB Systems are designed to be mounted in a standard 19-inch rack.

SIEMENS

Application No: 2221

HiPath 3300 & 3500 V3.0 Vital Statistics

Main Distribution Frames (MDF)
All trunk and extensions pre-terminated on integrated RJ45 sockets.

Processor Board Details

V24 Ports	1 (9 way)
System memory	16Mbit Memory Module
System CPU	Motorola Coldfire
Maintenance modems	Integrated digital (ISDN) modem
	Optional V32 bis 14.4Kbits analogue modem

Operating Environment

Temperature	+5 to +40 degrees C
Relative humidity	5 to 80%
Absolute humidity	2 to 25g H20/m3
Heat emission	HiPath 3300 180KJ/h
	HiPath 3500 360KJ/h

NB Systems uses fan assisted cooling.

Power Requirements

Rated input voltage	100/240V AC.
Rated frequency	50/60 Hz.
Power consumption	HiPath 3300 90 watts
	HiPath 3500 180 watts

A clean dedicated mains supply is required terminating on a 13 Amp socket (in accordance with IEEE regulations). Mains Plugs should be fitted with a 3 Amp fuse.

SIEMENS

Application No: 2221

HiPath 3300 & 3500 V3.0 Vital Statistics

UPS Battery Specifications

Battery size (H * W * D)		155mm*440mm*380mm (4U)
Battery capacity		7 Ampere hour
Output voltage		48 Volts
Battery back up times	HiPath 3300	4 hours 40 minutes (average config)
	HiPath 3500	2 hours 20 minutes (average config)

Rack Earthing: Earthing of the 19-inch rack must be in accordance with the latest edition of IEE regulations.

Cable Specifications and Distances for TDM devices
Standard 0.5mm twisted pair cable.
Single pair required by both analogue and digital (optiPoint 500) telephones.
Maximum distance optiPoint 500 - 500 metres (extended to 1000 metres with plug in PSU). Maximum distance optiPoint 500 Master to optiPoint 500 / analogue slave - 100 metres.
Maximum distance analogue device - 1000 metres. Maximum distance S0 Bus - up to 150 metres point to multipoint. 600 metres point to point.
Maximum distance DECT base station - 1000 metres.

Trunk Specifications
HiPath 3300   Digital: BRI (ISDN 2e) Analogue: Loop Calling Unguarded Clear
HiPath 3500 Digital: BRI (ISDN 2e). PRI (ISDN 30e)
Analogue: Loop Calling Unguarded Clear

Extension Specifications
Digital: 2B + D using Siemens UPOE protocol.
Analogue: DTMF / Loop Disconnect. Timed Break Recall (TBR).

Tie Line Specifications

Digital:	Siemens CorNet N
QSIG Analogue :	Not available
CE Compliance:	
Electromagnetic Compatibility	EN 50082-1
DECT	ETS 300, 329. TBR 06
Safety - International	IEC 60950 + A1 + A2 + A3 + A4