*astTECS PRI Gateway

*astTECS PRI Gateway gives the freedom to connect any enterprise telephony equipment to any internet based next generation network.

With the integrated E1/T1 interfaces and the E-SBC functionality the *astTECS PRI Gateway is the ideal demarcation point for the interface between the enterprise and the network for existing and new technologies.

Using a high precise 5ppm clock and multiple codecs for voice and fax ensures full ISDN quality. With the integrated header and routing manipulation capabilities a smooth migration for all enterprise equipment and network requirements is guaranteed.

Advantages

Scalable Solution for up to 2 E1/T1 Ports

Demarcation point for ISDN & IP PBXs

Full ISDN quality for voice, fax and data

High precise 5ppm clock for full fax and DECT support

SS7, ISDN PRI(DSS1,QSIG), ETSI, CAS, R2 MFC

Features

Call Routing

Multiple SIP Registrars

Fallback and Least Cost Routing

Blacklist / Whitelist

QoS Routing

Call Manipulating

Header and Number Manipulation

Codec Translation and Transrating

Overlap / En-block Conversion

Advanced

Integrated SIP Registrar & Location Server

Echo cancellation

Caller ID presentation

Silence suppression

Full IP routing & firewall capabilities

Remote Provisioning

VPN

SNMP v1 and SNMP v2

Hardware:

Processor: Quad-Core 1 Ghz,1 Gbyte
RAM, 8 Gbyte Flash RAM

Ethernet : 10/100 Mbits/s, WLAN, VLAN

ISDN : E1/T1, High Precise 5 ppm clock
TE/NT mode, CRC4 /double frame
mode

Protocols:

ISDN : DSS1, Q.931, SS7
ISDN supplementary services

VoIP : SIP (RFC 3261 ff), G.711 ((a-law/u-law)
G.729a, G.726, G.723.1
Fax: T.38, Clear Channel

Interfaces

Ethernet : 2 LAN/WAN 10/100//1000 Base-T Ethernet
(RJ45 connector), full/half duplex, IEEE
802.1p/q VLAN

ISDN : 02 x E1-PRI (G.703) ports
, High Precise 5 ppm clock, 100 – 240 VAC, 10W,
External power Supply, Low
power consumption (<4W)

Physical:

Dimensions (LXBXH) : 144X42X94 mm

Weight : 0.3 kg

Material : ABS

Mounting : Desktop, Wall mounting

Operating Environment:

Temperature : - 5 ^{0}C to 40 ^{0}C

Humidity : 5% to 80% (non- condensing)

Certification : EMC, Safety, CE

Back up & Restore

Through ethernet interface& GUI

Network Protocols:

IPv4, IPv6,TCP, UDP,DHCP,DNS, NAT,
Telnet, HTTP, FTP, TFTP

Access:

telnet/SSH/HTTP