



*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

E-SBC feature set for VoIP to VoIP & ISDN to VoIP

Features

Call Routing

Multiple SIP Registrars
Multilevel Alternative Routing
Blacklist / Whitelist
QoS Routing

Call Manipulating

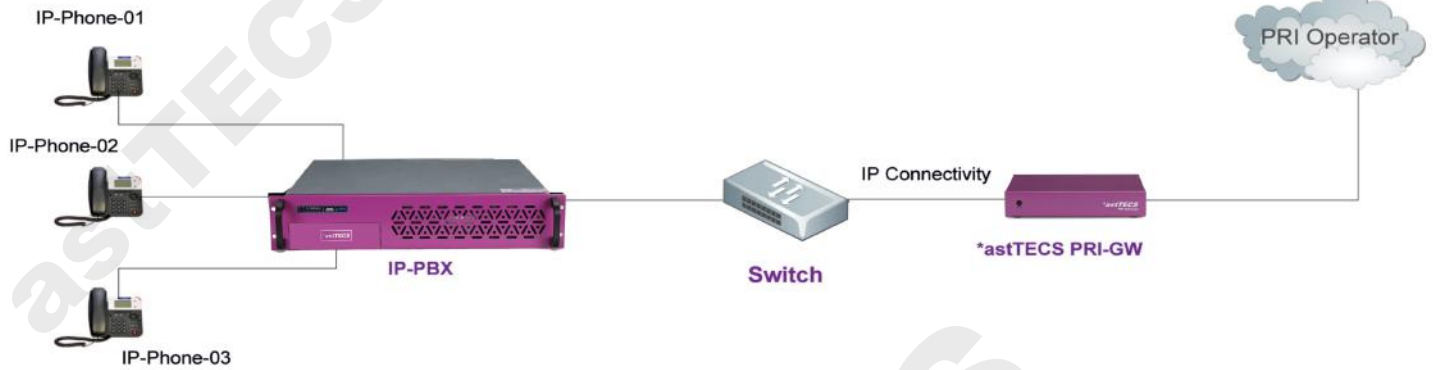
Header and Number Manipulation
Codec Translation and Transrating
Overlap / En-block Conversion

Advanced

Integrated SIP Registrar & Location Server
Integrated E-SBC feature set
ISDN supplementary services conversion
Advice of Charge (AoC) generation
Full IP routing & firewall capabilities
Remote Provisioning
VPN
SNMP



Architecture



Technical Specifications

Hardware Specification

Processor : Quad-Core 1 Ghz, 1 Gbyte RAM,
8 Gbyte Flash RAM
Ethernet : 10/100 Mbits/s, WLAN, VLAN
ISDN : E1/T1, High Precise 5ppm Clock,
TE/NT Mode, CRC4/ double frame mode

Protocols

ISDN : DSS1, Q.931, SS7, ISDN Supplementary Service
VoIP : SIP (RFC3261ff), G.711, G.729, G.726,
Fax: T.38 & G.711, Clear Channel

Interfaces

Ethernet : 2 x 10/100 Base-T RJ-45, WLAN, 802.11b/g/n
ISDN : 2 x E1/T1 Interface High Precise 5 ppm clock,
Power : 100 – 240 VAC, 10W, External power Supply,
Low power consumption (<4W)

Physical Parameters

Size (W:H:D) : 144 X 42 X 94 mm
Weight : 0.3 Kg
Material : ABS
Mounting : Desktop, Wall Mountable

Environmental Conditions

Temperature : 5°C to 40°C
Humidity : 5% to 80% (non- condensing)
Certifications : EMC, Safety, CE

Product Bundles

Model	E1	Concurrent Calls
*ast PG 30	1	30
*ast PG 60	2	60

About *astTECS

*astTECS is leader in end to end unified communications, offering cutting edge and wide range of Enterprise Telecom products based on open source Technology. We also provides world class 24X7 support to Global customers through in-house Global Support Management Center (GSMC).



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