*astTECS®
Unified Communication with Open Source
ISO 9001:2015 CERTIFIED

IP PBX

FEATURES

- Connects with PRI / SIP / Analog / GSM trunks.
- Video Calling /conference
- Built in call recording
- Distributed office set up
- Interactive Voice Response (IVR)
- Voice Logger
- Web based receptionist console
- Web based voice calling
- Audio conference system
- Audio conference bridge
- Voice Mail to E mail
- Centralized Administration
- WhatsApp Integration
- GSM integration
- SMS / CRM/ Email Integration
- Call detail report
- Fax support
- Seamless Integration with existing PBX
- Logical partitioning

astTECS IP PBX is an open source Asterisk platform which provides all of the features you would expect from a proprietary PBX at a much affordable price. *astTECS* IP PBX is one of the best hopes for a sensible integration between telecom and any other technology you might wish to connect your telecom to.

It is flexible to adopt and integrate with your existing telecom infrastructure. *astTECS* embraces the concept of standards compliances, while enjoying the freedom to develop its own innovations. We also provide customisations for your specific business requirement

astTECS IP PBX is packed with all the high end features that a proprietory PBX can offer you much more. It is complete future ready solution which enables your business to be flexible, innovative and competitive. The standard compliance and open architechture allows *astTECS* IP PBX to offer exactly what your business requires.

As *astTECS* IP PBX is based on open standard, it can integrate seamlessly with any third-party applications and products. You can choose from the line of products that are available in the market and will have no vendor lock-in. *astTECS* IP PBX is TEC certified as per DoT, Govt. of India guidelines.

CERTIFIED PRODUCT — TEC

24/7 GLOBAL SUPPORT

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KEY FEATURES

VIDEO CALLING

astTECS IP PBX supports superior quality video calling. Needs no other hardware except video cameras. Connect instantly with your remote workers and have quality video call with require bandwith.

SMART PHONE WITH Wifi CLIENT
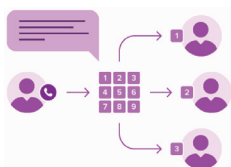
This feature helps to receive calls while roaming around the premise / nearby location *astTECS* IP PBX can connect smart phone through SIP extension within Wi-Fi range.
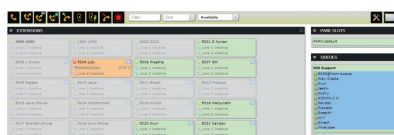
AUDIO CONFERENCE BRIDGING

With in-built audio conference facility, *astTECS* IP PBX enables all users to host conference calls with protected password. It supports multi-party conferencing with 6 or more people. The talker optimization feature enable the talker who are not speaking as being muted ensuring there is no build-up in background noise.

INTERACTIVE VOICE RESPONSE (IVR)

astTECS IP PBX has in-built IVR solution which have the flexibility to create upto 9 levels and sub-levels. It supports multi language voice, custom greetings, text to speech and many other advanced features.

WEB-BASED RECEPTIONIST CONSOLE

astTECS IP PBX enables the operator to view the detail information about PBX activities in real time. It helps the operator to operate efficiently and perform quality monitoring with its enhanced features
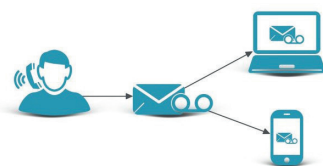
VOICE LOGGER

astTECS IP PBX has in-built call recording software which enables you to record both incoming & outgoing calls for quality monitoring and disputes resolution. You can filter the files based on source,destination, time and duration. The optional speech analysis helps you to increase the workforce efficiencies tremendously.

DISTRIBUTED OFFICE SETUP

With *astTECS* IP PBX distributed office setup, you can connect office locations/branches for seamless communication. It eliminates site-to-site calling cost and can be managed from one location.

VOICE MAIL TO EMAIL

The voice messaging capabilities in *astTECS* IP PBX delivers productivity and efficiencies day-in and day-out. All extensions have voicemail option which enables a user to send voice mail as an attachment along with message notification to your email. You may receive the mail even on your mobile and reply to it.

THIRD PARTY SOFTWARE INTEGRATION

astTECS IP PBX can integrate seamlessly with Third Party software – CRM, PMS, Whatsapp, HMS, ERP etc.

astTECS IP PBX can integrate with Whatsapp Business which will help to enhance customer service and increase the organisational efficiency. Organisation can send rich media message as PDF, Images, Video, links to customer instantly.

LOGICAL PARTITIONING

"*astTECS* Products are 100% logically partitioned as per the requirements of Telecom Regulations. *astTECS* logical partitioning features can control calls based on pre-defined configuration, thereby logically separating cross flow of calls between your private & public network."
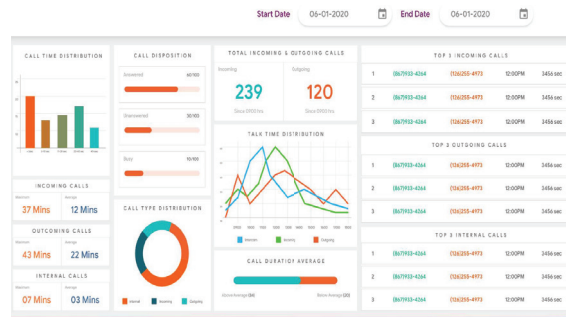
*astTECS®

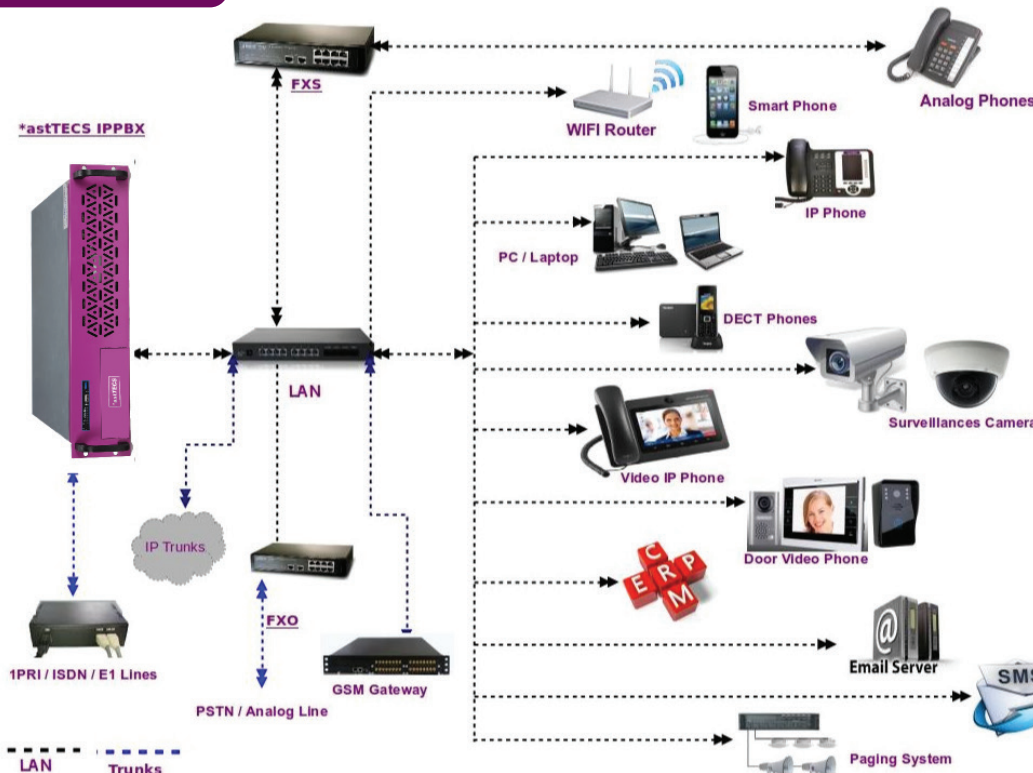Unified Communication with Open Source

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CUSTOMISED SOLUTION FOR

SMEs	HOSPITALITY	HEALTH CARE	APARTMENTS

AUTOMOBILE	REAL ESTATE	EDUCATIONAL INSTITUTION	FINANCIAL INSTITUTES

IP PBX DASH BOARD

CALL DETAIL REPORT

ARCHITECTURE

*astTECS IPPBX

FXS
WIFI Router
Smart Phone
Analog Phones
IP Phone
PC / Laptop
DECT Phones
LAN
Surveillances Camera
Video IP Phone
Door Video Phone
IP Trunks
CRM
Email Server
1PRI / ISDN / E1 Lines
FXO
GSM Gateway
SMS
PSTN / Analog Line
Paging System

LAN   Trunks

CALL FEATURES

- Authentication
- Blacklists
- Blind transfer
- Auto call back
- Background music
- Backup system configuration
- Barge-in
- Call follow me
- Call forward on busy
- Call forward on no answer
- Call parking
- Call queuing
- Call recording
- Call retrieval
- Call routing
- CLI based routing
- Conference bridging
- Dial-in conference
- Database integration
- Dial by name
- Direct inward dialing (DID)
- Ring group
- Interactive directory listing
- Do not disturb
- Music on hold
- Music on transfer
- Date and time format
- Parallel ring
- Paging
- Remote office support
- Remote call pickup
- Roaming extensions

Product Bundle

Models

Upgradable Upto e5000

Components	e25	e50	e100	e200	e300	e500	e1000*
FXO (Analog)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
PRI (ISDN)	1	1	1	2	2	3	4
IP Extension (SIP)	25	50	100	200	300	500	1000
FXS (Analog)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Trunk Calls	5	10	30	45	60	90	120
SIP Trunks	5	10	30	45	60	90	120
Hosted Solution	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Web Call	Supported	Supported	Supported	Supported	Supported	Supported	Supported
VoIP Services	Available	Available	Available	Available	Available	Available	Available

Models

Components	e25	e50	e100	e200	e300	e500	e1000
Power	NA	NA	Optional	Optional	Optional	Optional	Optional
Failover	NA	NA	Optional	Optional	Optional	Optional	Optional
Interface (PRI)	NA	NA	Optional	Optional	Optional	Optional	Optional
Hard Disk	NA	NA	Optional	Optional	Optional	Optional	Optional

Technical specification

INTERFACES:

Network Interface	:	2X Ethernet 10/100 base-RJ-45
ISDN	:	PRI interface (optional)
Mobile	:	32 GSM (optional), 1 SIM/channel

PROTOCOLS:

VoIP	:	SIP, H.323, IAX2
ISDN	:	PRI DSS 1 (Q931,National variant)
Mobile	:	GSM 850/1800/1900 Mhz channels

CODECS	:	ADPCM, G.711(A-Law & u-Law) G.722, G.723.1(pass through), G.726, G.729 (through purchase of a commercial license), GSM, iLBC, Linear, LPC-10 Speex
PRI CARD	:	T1/E1 port with optimum PCI interface
DIMENSIONS	:	2U/4U Form factor chasis
SIZE (LXHXB)	:	483mm x 177mm x 450mm
MOUNTING	:	19" rack
POWER	:	800 MA peak, operational 300 MA max at +3.3V, 4U-100-240 VAC, 200 W
TEMPERATURE:	:	0–50°C

About *astTECS®:

astTECS® is leader in end to end unified communications, offering wide range of cutting edge enterprise telecom products based on open source technology - IP PBX, Call Center Solution IVR, Voice logger, Cloud Solution, PA System, Chat bot Solution, VoIP Minutes, SMS Solution, SBC, Gateways, IP Phones, Headsets, CRM Solution, Firewall, 24/7 Global Support.

RED HERRING WINNER 100 GLOBAL

TEC Certified

FCC Compliant Hardwares