



## 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 proprietary 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 architecture 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.



GLOBAL SUPPORT



## 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 bandwidth.

### SMART PHONE WITH Wifi CLIENT



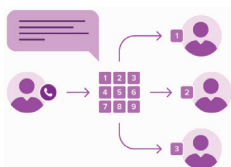
This feature helps to receive calls while roaming around the premise / nearby location **\*astTECS** IP PBX can connect smart phone through SIP extension within Wi-Fi range.

### 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



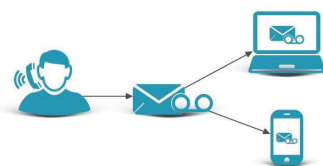
**\*astTECS** IP PBX has in-built call recording software which enables you to record both incoming & outgoing calls for quality monitoring and disputes resolution. You can filter the files based on source, destination, time and duration. The optional speech analysis helps you to increase the workforce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

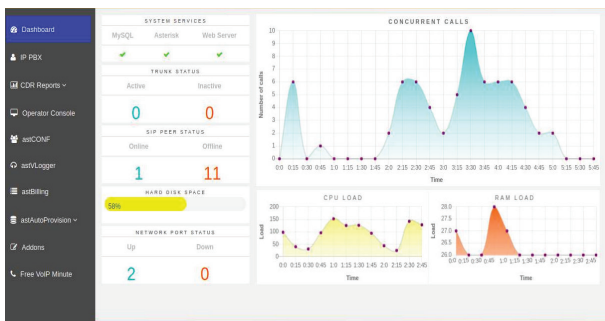
**\*astTECS** Products are 100% logically partitioned as per the requirements of Telecom Regulations. **\*astTECS** logical partitioning features can control calls based on pre-defined configuration, thereby logically separating cross flow of calls between your private & public network.



## CUSTOMISED SOLUTION FOR



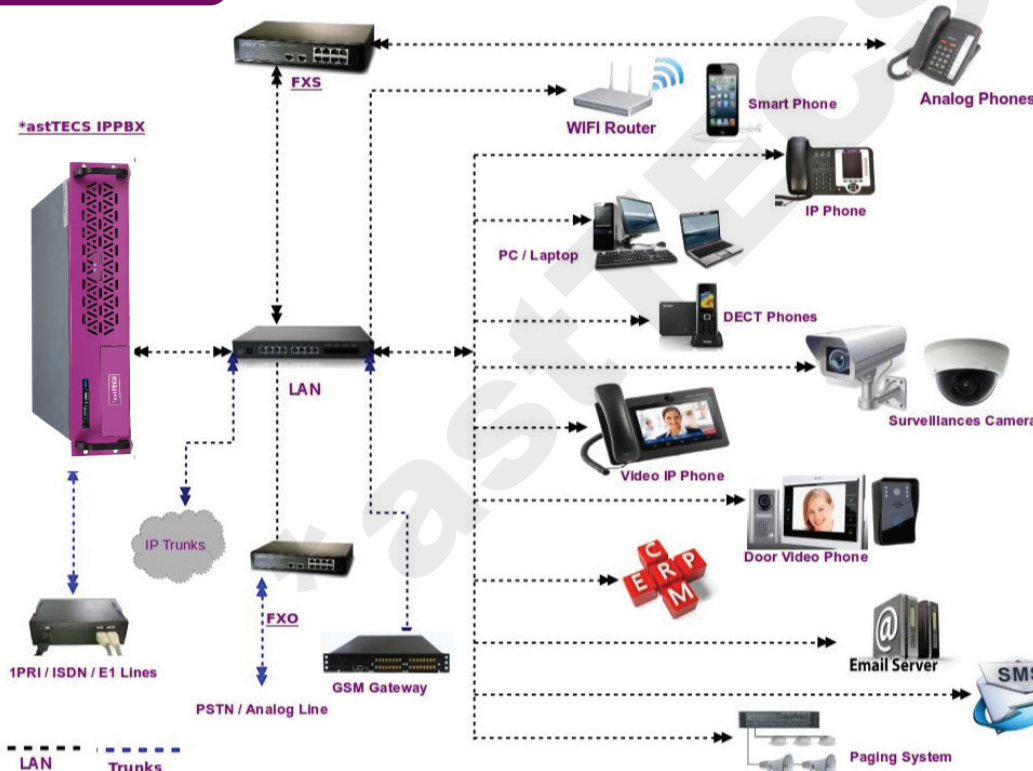
## IP PBX DASH BOARD



## CALL DETAIL REPORT



## ARCHITECTURE



## 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

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

### Models

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

- : 4U Form factor chassis

### 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. We also provides world class 24X7 support to global customers through our in-house Global Support Management Center (GSMC).



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