



## THE TRUE IP PBX with Video conferencing

\*astTECS IP PBXs are developed to meet the voice and data convergence requirements necessary to run your business. With its superior features, \*astTECS IP PBX can help your business to reduce costs, increase productivity, and connect remote offices and teleworkers. It also helps your business to be flexible, innovative and competitive.

### FEATURES

- Open Source Asterisk IP PBX
- Interactive Voice Response (IVR)
- Video conference
- Built in call recording
- Voice Mail to E mail
- Distributed office set up
- Centralized Administration
- Call Detail Report
- FOP- Web Based Receptionist Console
- GSM Integration
- Parallel Ringing
- Voice Logger
- Audio Conference Bridging
- Fax Support
- Logical Partitioning



### \*astTECS Advantage



### TECHNOLOGY

The most obvious technological advantage of \*astTECS IP PBX is that it is purely ASTERISK. Asterisk is an open source communication platform which provides all of the features you would expect from a proprietary PBX and more at much affordable cost.

Asterisk remains pretty awesome technology, and we believe it remains one of the best hopes for any sort of sensible integration between telecom and whatever other technology you might wish to connect your telecom to.

### FLEXIBILITY AND SCALABILITY

It is flexible to adopt and integrate with your existing telecom infrastructure. With Asterisk,

no one is telling you how your phone system should work, or what technology you are limited to. If you want it, you can have it. Asterisk lovingly embraces the concept of standards compliance, while also enjoying the freedom to develop its own innovations

### FEATURES AND FUNCTIONALITIES

\*astTECS IP PBX is packed with all the high end features that a proprietary PBX can offer you and much more than that they can dream off. With Asterisk as the platform you are limited to none. The standard compliance and open architecture allows \*astTECS IP PBX to offer what business requires.

### THIRD PARTY INTEGRATION

As \*astTECS IP PBX is based on open standard it can integrate with any third party applications and product. You can choose from the line of products which is available in the market and you need not face any vendor lock in..!

### TECHNICAL SUPPORT

Our Technical support team is trained professionals on all types of Asterisk applications, with troubleshooting experience ranging from basic dial plan construction to real-time configuration management. We believe in a Quality and efficiency driven services. We have 24/7 customer care support, striving to make the customers experience fruitful with us.



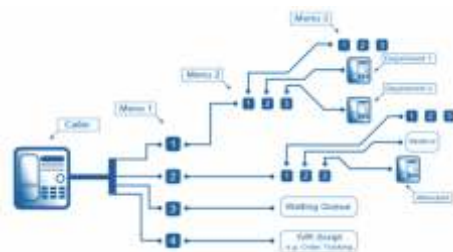
\*astTECS IP PBX Systems designed to meet and exceed most requirements of a flexible and feature rich PBX. \*astTECS IP PBX is a perfect choice business that needs cost effective and reliable high speed telephone exchange service.

## AUDIO CONFERENCE BRIDGING

With its built in conference facility \*astTECS IP PBX makes it easy for all your users host their own password protected conference calls. Support multiparty conferencing with 6 or more people. Talker Optimization feature treats talkers who are not speaking as being muted, causing no buildup in background noise.

## INTERACTIVE VOICE RESPONSE (IVR)

Interactive Voice Response (IVR) is the technology that let you interact with a menu using a touch-tone telephone. It is very easy to set-up such a menu with \*astTECS IP PBX. In telephony, interactive voice response, or IVR, is a computerized system that allows a caller to select an option from a voice menu and otherwise interface with a computer system.



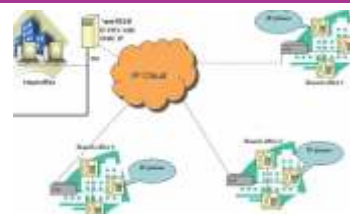
## VOICE MAIL TO E MAIL

The voice messaging capabilities in \*astTECS IP PBX deliver productivity and efficiencies day-in and day-out. Have voice mail options for all the extensions. It also offers an option to the user to send Voice Mail as an attachment along with notification message to your e-mail. You may receive the mail, wherever you are on your mobile, and reply to it day in and day out, if you prefer so."



## DISTRIBUTED OFFICE SET UP – BOUNDARY LESS OFFICE

With \*astTECS distributed office setup connect your office locations to communicate seamlessly. Share messaging, receptionists, the office directory and much more. Eliminate site to site calling costs. Manage all systems from one location.



## FOP - WEB BASED RECEPTIONIST CONSOLE

FOP with 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 such as:

### ACTION

- ◆ Transfer to voice mail
- ◆ Transfer to external numbers
- ◆ Record calls
- ◆ Spy and whisper

### TRUNK BUTTON

- ◆ Shows call count for trunks
- ◆ Shows call detail, Clid and channels

### CONFERENCE BUTTONS

- ◆ Lock/Unlock conference
- ◆ Mute/Unmute member
- ◆ Remove participants

### QUEUE BUTTON

- ◆ Call waiting list and timers



DO YOU HAVE  
**VIDEO**  
CONFERENCE  
IN YOUR IP PBX?



## VIDEO CALLING & CONFERENCING – IMPROVED PERSONAL TOUCH



**\*astTECS** IP PBX support superior quality video calling. No other extra hardware requirement except video cameras. When logged into the conference, users have the option to share their video over the web using a in-built or external webcam. Multiple participants and a presenter can share their video simultaneously.

### Presentation Control

Multiple PDF's or Office documents can easily be uploaded. The participants are able to see the current slide of PDF/ Office document as the presenter moves through their presentation.

### Audio Engagement:

The presenter has complete control over all the audio engagement within the conference. They are able to mute, un-mute and eject any of the participants by simply click on the necessary icon within the listeners' module.

## SEAMLESS INTEGRATION WITH YOUR EXISTING EPABX

Seamless integration of Your Existing EPABX with **\*astTECS** IP PBX & enjoy the next generation features like:

- ◆ Voice-mail to E-mail
- ◆ IVR - 9 Levels & Sub - levels
- ◆ Distributed Office Set-up
- ◆ Unlimited Voice Recording

Many more.....



## 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  
 Interactive Voice Response  
 Music on Hold  
 Music on Transfer  
 Date and Time Format  
 Parallel Ringing  
 Paging  
 Remote Office Support  
 Remote Call Pickup  
 Roaming Extensions  
 .....many more

**\*astTECS** Products are 100% logically partitioned as per the requirements of Indian 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.



## Product Bundles:

Components	Models					
	e25	e50	e100	e300	e500	e1000
FXO (Analog)	Optional	Optional	Optional	Optional	Optional	Optional
PRI (ISDN)	1	1	1	2	3	4
IP Extension (SIP)	25	50	100	300	500	1000
FXS (Analog)	Optional	Optional	Optional	Optional	Optional	Optional
Trunk Calls	5	10	30	60	90	120
No. of Participants – Video Conference	NA	NA	VC15	VC15	VC15	VC55
	Redundancy					
Power	NA	NA	Optional	Optional	Optional	Optional
Failover	NA	NA	Optional	Optional	Optional	Optional
Interface (PRI)	NA	NA	Optional	Optional	Optional	Optional
Hard Disk	NA	NA	Optional	Optional	Optional	Optional

## TECHNICAL SPECIFICATIONS:

### INTERFACES:

Network Interface: 2X Ethernet  
 10/100 base-RJ-45  
 ISDN: PRI interface (optional)  
 Mobile: 4GSM (optional)  
 o 1 SIM/ channel

### PROTOCOLS:

VoIP: SIP, H.323, MGCP, SCCP, 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 chasis.

**Size:** 4U: 483x177x450 mm

**Mounting:** 19" Rack

Power: 800 MA peak, operational 300 MA max at +3.3 V

4U – 100-240 VAC , 200 W

Temperature range: 0–50°C



### Corporate Office:

**iTECS Communications Pvt. Ltd.,**  
 #35, K.R.Layout  
 Domlur, Bangalore - 560071  
 Karnataka, India  
 Mobile: + 91 9886879412  
 Land-lines : 080 - 6640 6640  
 sales@asttects.com  
 www.astTECS.com

### Branch Offices:

Wiciefstrasse 21  
 10551 Berlin, Germany,  
 Contact No. +49 30 13881510  
 E-mail: germany@asttects.com

Unit A3 Gallagher Conner  
 Cnr Richard & Gallagher Street  
 Midrand – Johannesburg  
 Contact No : +27768277856  
 E-mail Id : ib@asttects.com

## Did You Know?

**\*astTECS has launched IP PBX Systems for Hospitality Sector**

### Local Office

## Other Branch Offices:

### India

Mumbai Hyderabad Coimbatore  
 Delhi Jaipur Ahmadabad  
 Chennai Pune Indore  
 Kolkata Cochin Nagpur

### Asia

Thailand  
 Philippines  
 Afghanistan

### Middle East

Turkey Kyrgyzstan  
 Jordan UAE  
 Lebanon Saudi Arabia  
 Qatar Kuwait

### Central America

Colombia

### US

Illinois  
 Missouri

### Africa

Egypt  
 South Africa  
 Zimbabwe