Technology:

*astTECS IP PBX is an open source communication 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.

Flexibilty:

*astTECS IP PBX is flexible to adopt and integrate with your existing telecom infrastructure. With *astTECS IP PBX no one will tell you how your phone system should work or what technology you are limited to. *astTECS embraces the concept of standards compliances, while enjoying the freedom to develop its own innovations. We also provide customisations for your specific needs.

Features and functionalities:

*astTECS IP PBX is packed with all the high end features that a proprietary PBX can offer you much more. The standard compliance and open architecture allows *astTECS IP PBX to offer exactly what your business requires.

Third party integration:

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.

Technical support:

Our technical support team is trained on all types of applications with extensive troubleshooting experience encompassing 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 customer experience fruitful with us.
**Video calling & conferencing**

*astTECS* IP PBX supports superior quality video calling. Needs no other hardware except video phones. *astTECS* IP PBX also includes modules for video conferencing on the cloud. Multiple participants and presenter can share their video simultaneously over the web using in-built or external webcam.

**Features:**
- Desktop Sharing
- Upload PDF/office documents
- Whiteboard with text tools
- Mute & un-mute participants
- Public & private chat option

**Smart phone with Wi-Fi client**

*astTECS* IP PBX can connect smart phone through SIP extension within Wi-Fi range or Wi-Fi 3G outside office. This feature helps to receive calls while roaming around the premise /nearby location.

**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:
- **Action** – Transfer to voicemail, transfer to external numbers, record calls, spy and whisper
- **Trunk Button** – Show call count for trunks, call details, clid and channels
- **Conference Button** – Lock/ unlock conference, mute/unmute member, remove participants
- **Queue Button** – Call waiting, whisper, barge-in

**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

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**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* 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.

**Seamless integration with existing EPABX**

*astTECS* IP PBX can integrate seamlessly with existing EPABX and ensures to provide advanced features like – voicemail to email, IVR, distributed office setup, unlimited voice recording.

**Fax to email**

*astTECS* IP PBX has in-built fax solution to send fax through your PC and receive fax on any of your email clients.

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“*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.”

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# Product Bundles

<table>
<thead>
<tr>
<th>Components</th>
<th>Models</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>e25</td>
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<td>FXO (Analog)</td>
<td>Optional</td>
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<td>PRI (ISDN)</td>
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<tr>
<td>IP Extension (SIP)</td>
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<td>FXS (Analog)</td>
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<td>Trunk Calls</td>
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<tr>
<td>SIP Trunks</td>
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<tr>
<td>No. of Participants – Video Conference</td>
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</tbody>
</table>

## Redundancy

- **Power**: NA, NA, Optional, Optional, Optional, Optional, Optional, Optional
- **Failover**: NA, NA, Optional, Optional, Optional, Optional, Optional, Optional
- **Interface (PRI)**: NA, NA, Optional, Optional, Optional, Optional, Optional, Optional
- **Hard Disk**: NA, NA, Optional, 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:
- 19" rack

#### POWER:
- 800 MA peak, operational 300 MA max at +3.3V, 4U-100-240 VAC, 200 W

#### TEMPERATURE:
- 0–50°C

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**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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