

Hosted PBX, featuring Asterisk-based telephony solutions, offers a rich and flexible feature set. Asterisk offers both classical PBX functionality and advanced features, and interoperates with traditional standards-based telephony systems and Voice over IP systems. Asterisk offers the advanced features that are often associated with large, high-end (and high cost) proprietary PBXs. The list below includes a sample of the features available in Asterisk.

Call Features

ADSI On-Screen Menu System

Alarm Receiver

Announcements (Customizable)

Append Message

Authentication

Automated Attendant

Blacklists

Blind Transfer

Call Detail Records

Call Forward on Busy

Call Forward on No Answer

Call Forward Variable

Call Monitoring

Call Parking

Call Queueing

Call Recording

Call Retrieval

Call Routing (Flexible Time Based)

Call Screening

Call Snooping

Call Transfer

Call Waiting

Call Features

Caller ID

Caller ID Blocking

Caller ID on Call Waiting

Calling Cards

Conference Bridging

Database Store/Retrieval

Database Integration

Desktop Integration (Zulu)

Dial by Name

Direct Inward System Access (DISA)

Directory

Distinctive Ring

Distributed Universal Number Discovery

Do Not Disturb

E911

ENUM

[Fax Transmit and Receive](#)

Fax to Email

Find Me/Follow Me Calling

Flexible Extension Logic

Interactive Directory Listing

Interactive Voice Response (IVR)

Intrusion Detection

Call Features

Local and Remote Call Agents

Macros

Music on Hold

Music on Transfer:

Flexible MP3-based System

Random or Linear Play

Volume Control

Privacy

Open Settlement Protocol (OSP)

Overhead Paging/Intercom

Protocol Conversion

Remote Call Pickup

Remote Office Support

Ring Groups

Roaming Extensions

Route by Caller ID

Secure Communication (TLS/SRTP)

SMS Messaging

Spell/Say

Streaming Hold Music

Supervised Transfer

Talk Detection

Text-to-Speech

Three-Way Calling

Time and Date

Transcoding

Trunking

Call Features

VoIP Gateways

Voicemail:

Visual Indicator for Message Waiting

Stutter Dialtone for Message Waiting

Voicemail to Email

Voicemail Groups

Web Voicemail Interface

WebRTC (Browser-based Calling)

Zapatteller

Computer-Telephony Integration

Asterisk Gateway Interface (AGI)

[Asterisk Manager Interface](#) (AMI)

[Asterisk Rest Interface](#) (ARI)

Outbound Call Spooling

User Control Panel

Scalability

TDMoE (Time Division Multiplex over Ethernet)

Allows Direct Connection of Asterisk

Zero Latency

Uses Commodity Ethernet Hardware

Voice over IP

Allows for Physically Separate Installations

Uses Existing Deployed Data Connections

Allows Unified Dialplan for Multiple Offices

Support for Door Phones, Paging, Failover

Speech

Cepstral TTS

Lumenvox ASR

Codecs

ADPCM, CELT, G.711, G.719, G.722, G.722.1,

G.722.1 Annex C, G.723.1, G.726, [G.729a](#), GSM,

Ilbc, Linear, LPC-10, Speex, SILK

VoIP Protocols

Google talk

H.323 (Video)

IAX

Jingle/XMPP (IM)

MGCP

SCCP (Cisco)

SIP

UNIStim

Traditional Telephony Protocols

E&M, E&M Wink, Feature Group D, FXS, FXO, GR-

303, Loopstart, Groundstart, Kewlstart, MF and

DTMF support, Robbed-bit Signaling, MFC-R2

([supported with patch](#))