

EXPRESS / EXPRESS Plus *IP-PBX*

SIP/H.323/TDM

The Express and Express Plus IP-PBX is a state of the art, feature rich phone system on a software platform designed to serve the Small and Medium Business (SMB). This advanced design permits the delivery of more big system features at greatly reduced prices. VoIP and the use of IP phones are standard features in addition to the interoperability with most standards based telephone equipment. Voice Mail, Conferencing and Caller ID are standard features among the long list included in the Express and Express Plus IP-PBX. The system runs on a server with the Linux Operating System providing stability and scalability with no limits on the quantity of extensions.

Key Features and Benefits:

Voice Mail

Our advanced Voicemail features include multiple Auto Attendants with Directory, Call Conferencing, Interactive Voice Response, Call Queuing, Call Waiting and Unified Messaging. Retrieve voice messages from your office, remotely, and or receive your messages via email as a .wav file.

VoIP / TDM

The **Express IP-PBX** systems support VoIP Protocols for H.323, SIP (Session Initiation Protocol), MGCP (Media Gateway Control Panel) and SCCP (Cisco® Skinny®) including the most common codecs. This allows integration with VoIP Carriers for discounted Long Distance and free office to office calling. The Express IP-PBX also supports a wide range of TDM protocols for handling transmission of voice over traditional telephony interfaces.

IP Phones / Analog Phones

There is flexibility of choosing from a large selection of reliable IP Feature Phones including Cisco®, Snom®, Polycom®, Granstream® and many more. There is no limitation on the quantity of IP phones that may be connected via Ethernet on the property where the system is located or by internet in remote locations. Based on each SMB's requirements you may mix different models to meet the needs of your staff in the office and at remote locations. The system fully supports any Analog phones and devices such as cordless phones, fax machines, etc. with the simple addition of optional analog cards to the server.

Call Center ACD

The Express Plus delivers the additional features of ACD (Automated Call Distribution). Route calls to operators, customer service or sales based on a list of criteria such as; next in line, idle operator, who has had the fewest calls and first to answer. View realtime calls in Queue with statistics; how many in queue, how long on hold, average time to answer and much more.

Software based

The operating application for the system is Asterisk developed on GNU/Linux for x/86. It is known to compile and run on GNU/Linux for PPC along with Open BSD, FreeBSD, and Mac OS X Jaguar.



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Specifications

Protocols

H.323, SIP (Session Initiation Protocol), MGCP (Media Gateway Control Panel)

SCCP (Cisco® Skinny®)

Codecs: G.711A-law, G.711U-law, G.726, G.729 (licensed hardware required), GSM, iLBC, Linear, LPC-10, Speex

Telephony Interoperability

E&M, E&M Wink, Feature Group D, FXS, FXO, GR-303, Loopstart, Groundstart,

PRI Protocol;

4ESS, BRI (ISDN4Linux), DMS100, Lucent 5E, National ISDN2, NAFS

System Supported Features

On-Screen Menu System	Remote Call Pickup
Append Message	Route by Caller ID
Automated Attendant	Three-way Calling
Call Forward on Busy	Voicemail
Call Forward on No Answer	
Call Forward Variable	
Call Queuing *	
Call Recording *	
Call Retrieval	
Call Routing (DID & ANI)*	
Call Transfer	
Call Waiting	
Caller ID	
Conference Bridging	
Dial by Name	
Distinctive Ring	
Do Not Disturb	
E911 ENUM	
Fax Transmit and Receive **	
Interactive Voice Response (IVR)	
Music On Hold	

* Express Plus Features

** Requires DSO Card w/ FXS module

