

FreePBX Ecosystem

NOW BACKED BY 30 YEARS OF EXPERTISE  SANGOMA

FreePBX is the world's most trusted open source platform for building the PBX of your dreams. At its core, it is an open source web-based graphical user and configuration file writer that empowers companies that use Asterisk® PBX software to save time—making writing your own dial plans and configuration files much easier and letting you focus on other aspects of setup of your VoIP communications system.

From its initial introduction in 2004, when it contained only four database tables of configuration files for Asterisk, FreePBX has grown to encompass more than 219,000 lines of code and hundreds of tables. The FreePBX project now provides an entire open source platform and communications ecosystem that can not only ease installation by providing configuration files for Asterisk, but also provide support and ongoing updates to the entire system. Its ability to work in the cloud or on site lets you maximize flexibility while providing you the ideal PBX solution.



Build a **FreePBX**

The "Free" stands for Freedom.

With millions of production systems worldwide and 20,000 new systems a month installed, the FreePBX community continues to out-perform the industry's commercial efforts. Sangoma is proud to be the Sponsor of FreePBX and the FreePBX.org project. If you are new to FreePBX you can get started quickly by downloading and installing the FreePBX Distro. The FreePBX Distro is an all in one platform that installs everything you need to build a phone system. Once you have a basic PBX in place you can add Commercial modules to add advanced features to an already feature rich base install of FreePBX.

Commercial Modules

WANT MORE? ADD COMMERCIAL MODULES.

FreePBX empowers your business with wide array of add-on modules that can enhance your VoIP communications experience. Created specifically to work with the FreePBX Distro, these modules provide advanced applications to help your business coordinate everything from appointments to call centers with ease.

Choose from single-application modules, such as the Voicemail or Call Recording Reports modules, to more comprehensive programs, such as the System Builder Plus or the Call Center Builder. These modules allow your business to coordinate your VoIP setup with more specific needs, all while providing seamless support for your communications systems.

⊕ Here are just a few of the modules available:



Call Center Builder



High Availability
Disaster Recovery



Extension Routing



PBX End Point
Manager



SysAdmin Pro



Web CallBack



Outbound Call
Limiting







Caller ID
Management



Sangoma FreePBX Appliances

The only hardware solutions to be officially certified by the FreePBX project, the FreePBX appliances are the optimal high-performance PBX solutions. Each one comes pre-loaded with FreePBX Distro to make deployment, configuration, and use of your PBX system even easier. There are a few different variations of the FreePBX appliance to choose from, dependent upon your business' individual needs:

Sangoma Branded PBX appliances!

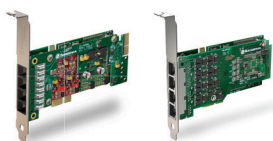
 Specifications for Sangoma FreePBX Phone Systems and Sangoma PBXact UC Systems				
Model	System 50	System 100	System 300	System 1000
Product Picture				
Maximum Capacity	50 users 25 calls	100 users 30 calls	300 users 120 calls	1000 users 300 calls
Networking	1 Gb Eth	5 x Gb Eth	5 x Gb Eth	7 x Gb Eth
Expansion	1 PCI	2 PCI Express (1 front, 1 back)	2 PCI Express (1 front, 1 back)	4 PCI Express (2 front, 2 back)
Management	Local VGA+USB, Web GUI, SSH	Console, Web GUI, SSH, Factory Reset pin hole	Console, Web GUI, SSH, Factory Reset pin hole	Console, Web GUI, SSH, IPMI Factory Reset pin hole
Dimensions (W x H x D)	323 x 69 x 254 mm	431 x 44 x 305 mm	431 x 44 x 305 mm	431 x 44 x 468 mm
Mounting Options	Table top	Table top or rack mount (Ear brackets included)	Table top or rack mount (Ear brackets included)	Rack mount (Sliding rails included)
Operating Temperature	0 ~ 40 Celsius	0 ~ 40 Celsius	0 ~ 40 Celsius	0 ~ 40 Celsius
Power	AC - 100 ~ 240V @ 50 ~ 60 Hz DC - 12V / 5A - 60w	1 Single AC - 150 W 100 ~ 240V @ 50 ~ 60 Hz	1 Single AC - 150 W 100 ~ 240V @ 50 ~ 60 Hz	Redundant Modular AC - 300 W 100 ~ 240V @ 50 ~ 60 Hz

Additional Hardware

In addition to the FreePBX software and appliances, there are a number of hardware options that can help you optimize your PBX solution. Sangoma provides a full line of products for your business to create a fully-functioning VoIP communications system.

Telephony Cards

Sangoma's wide range of digital, analog, and data telephony cards have been engineered and used in Asterisk® solutions from the very beginning, and have become the standard by which other interface cards have been measured. Equally adept at handling the call density of the office or the call center, these premium telephony cards offer peerless clarity and reliability.



VoIP Gateways

The Vega Enterprise series features both FXS and FXO ports for PBX or PSTN solutions, providing resilient, upgradable, and fault-tolerant support for IP conversion. The NetBorder series offers a set of cost-effective all-in-one turnkey solutions that contain powerful transcoding capabilities and can support up to 256 lines simultaneously.



Session Border Controllers

Carrier-quality enterprise session border controllers that provide reliable VoIP security for a wide range of enterprises, from the small business to the large corporation, the Vega SBCs can handle up to 500 sessions simultaneously, providing a secure connection point for SIP trunking, along with the flexibility, redundancy, and durability of a VM-ready solution.







FreePBX Features

Legend:  Included with FreePBX  Add-On Modules

ACD (Automatic Call Distribution)/
Call Queues
Announcements
Auto-Attendant/IVR
Automatic Backup
Black List
Bulk Import Utilities
Busy Lamp Field (BLF) Support
Call Detail Reporting
Call Flow Control
Call Forwarding
Call Monitoring
Call Parking
Call Recording
Call Screening
Call Spy
Call Transfer
Callback Services
Caller-ID
Camp-On
Centralized User Management
Company Directory
Conference Rooms
Customized Voice Prompts
Dictation
Direct Inward System Access (DISA)
Do Not Disturb
Extensions Management
Fail2ban
Fax to Email
Feature Codes
Follow Me
Graphical Reports
Hunt/Ring Groups
Integrated Faxing
Multiple Language Support
Multiple Offices
Multiple Trunks
Music on Hold
Operator Panel
Outbound/Inbound Routes Management
Paging and Intercom
Phone Directory
PINSets
Remote Users
SIP-Open Standards
Soft-Phone Support
Speed Dials
SRTP
System Status Dashboards
Three Way Calling

Time Conditions
TTS- Text to Speech
Unlimited Extensions
Unlimited IVR ports
Unlimited IVR
Unlimited VM Messages
User Control Panel
Video Calling
VMX Locator
Voicemail
Voicemail to Email
Wake Up Calls
Web Based Administration GUI

User Control Panel Features

Call Forward
Call History
Call Origination
Call Waiting
 Conferences Module
 Device Management (Pro)
 Fax (Pro)
Follow Me
Presence
RSS Feeds
Settings
Visual Voicemail
Voicemail
Voicemail Greetings Management
WebRTC Phone
 XMPP Chat (Pro)

Language Support


English
Bulgarian
Chinese
French
German
Hebrew
Hungarian
Italian
Japanese
Portuguese
Russian
Spanish
Swedish

Supported Signaling Protocols

SIP
IAX2
PRI/T1/E1
POTS/Analog

ISDN
GSM

Supported Voice Codecs

adpcm
g711 alaw
g711 ulaw
g719
g722
g723
g726
g726aal2
 g729
gsm
lilbx
lpc10
siren14
siren7
slin
slin12
slin16
slin192
slin24
slin32
slin44
slin48
slin96
speex
speex16
speex32
testlaw


Supported Video Codecs



















h264
h263p
h263
h261

Specialty Device Support




Door Phones
Failover Devices
Overhead Paging
Paging Gateways
SBC Support
Strobe Alerts
Video Conferencing MCU
Voice Gateways

Commercial Modules















 Appointment Reminder
 Broadcast
 Caller ID Management
 Call Recordings Report

 Class of Service
 Conference Pro
 EndPoint Manager
 Extension Routing
 Fax Pro
 Outbound Call Limiting
 Paging Pro
 Park Pro
 Phone Apps (Rest Apps)
 Q-Xact Report
 System Admin Pro
 Virtual Queue Plus w/ Queue Callbacks
 Voicemail Reports
 Voicemail Notify
 Web Call Back
 XMPP Chat
 High Availability (HA)
 UCP for EPM






Software Bundles

 System Builder
 System Builder Plus
 Call Center Builder

FreePBX Phone Apps

 Call Flow
 Call Forward
 Conference Rooms
 Contact Manager
 Do Not Disturb
 Login/Logout
 Follow Me
 Call Parking
 Presence
 Queue Agents
 Queues
 Time Conditions
 Transfer to Voicemail
 Visual Voicemail

FreePBX Certified Add-ons

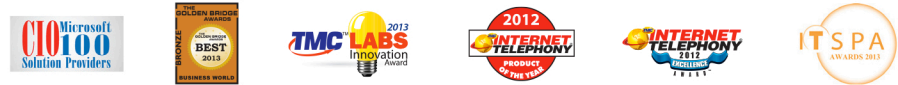
 iSymphony Operator Panel
- i9 Technologies
 Queometrics - Loway
 Allison Smith - Professional Voice Services
 Asterisk Software Add-ons
- Digium
 Bria Cloud Services
- CounterPath

Our 30-year history, in building quality communications products on open standards, gives you access to the most comprehensive portfolio designed to help your business thrive in the FreePBX ecosystem through a single vendor.

We make everything connect.

THE SANGOMA DIFFERENCE:

- ✓ 30+ years expertise in IP Communications
- ✓ Microsoft Partner and Lync qualified
- ✓ Global network of staff and partners
- ✓ Dedicated professional services



"We rely on Sangoma to provide an unmatched level of reliability that helps ensure system stability, as well as delivering extremely clear voice quality to the users."

Sanjay Jayani, IT Head, FASTTICKET

"Sangoma Vega gateways have enabled us to provide high quality, low cost VoIP solution to our customers, while making our own services more profitable."

Steven Mundy, CEO
KBT Systems Corp.

"We've found the engineering support to be fantastic."

Michael Cassidy, The Via Group
Empowered by Sangoma Reseller and Microsoft Gold Partner (U.S.)

Discover products & solutions designed for FreePBX today!

[Visit sangoma.com/freepbx](http://sangoma.com/freepbx) ➔