

G1000 PBX

The G1000 PBX is an all-inclusive IP based Public Phone Exchange that provides all the features of a conventional solution. It additionally enables users to take the advantages of Internet Telephony. The G1000 PBX is available as a device or a "hosted" variant. With only a few adjustments, ideal integration of different locations is made - which is almost impossible with conventional systems.

Small, but extremely powerful - the G1000 PBX provides with unprecedented simple, effective and clear administration. By making just a few adjustments, remotely located facilities and offices are connected with high efficiency by just a single device. Home offices and even mobile users integrate perfectly. ISDN phone numbers as well as ISDN PBX connections and VoIP services are used concurrently for inbound and outbound traffic.

Independent of a user being in Chicago or Hong Kong, his extension number is constant. He can receive, make or transfer calls and even participate in conference calls from any location in the world. A standard xDSL/ADSL or cable internet connection already provides sufficient throughput. Even the structure of an international corporation can be mapped. Migration to the G1000 PBX can be managed smoothly by integrating an existing PBX.

General features

- Integration of home offices in a company
- Users can be located all around the world
- Transcoding (relaying between speech codecs)
- different ringtones for internal and external calls
- acceptation of calls with the help of a menu (IVR)
- Integration of existing PBXes
- multiple PBXes cooperate redundantly in a network
- centralized phonebook
- Mapping of a local subscriber line for emergency calls
- DTMF: H.245 "Alphanumeric" or "Signal Type"
- CDR Call Detail Records for provisioning software
- Music on Hold internal via MP3
- custom ringtone via MP3
- suppression of unwanted incoming calls (blocking of phone numbers)
- call rules freely configurable for each user
- separate user interface for admin and users
- access controlled by password
- music on hold
- call waiting indication
- Message waiting indication in the display of connected phone
- Call number identification
- groups of numbers
- backup/restore of PBX settings on the PBX or in a file
- Parallel waiting loops
- Logging of connection data
- Least Cost Routing through dial plan
- Fax functionality (G3 standard)
- transmission of messages to subscribers

Interfaces

- VoIP SIP services: up to 10 different accounts
- ISDN (up to 4 basic connections)
- ISDN PBX connection (up to 4 basic connections)
- Primary multiplex (on request)
- analog (POTS) connection (on request)

Voice box

- Global voice box accessible via administration
- Granting of rights for accessing the global voice box
- One voice box for each extension
- Recordings can be queried remotely or through the web interface
- multiple voicemail folders in user interface
- Switching between global and local voice box
- announcement when not available
- announcement when not reachable
- standard or custom announcements
- Web interface for voice box
- Notification by e-mail
- new voice mails are displayed in the user interface (MWI)

forwarding

- forwarding of external calls
- forwarding of VoIP calls
- forwarding of internal calls
- Follow Me for subscribers
- automatic forwarding
- call transfer with and without callback
- Call transfer before and after reporting

conferencing

- group conferences with up to 10 participants
- conference rooms with dial-in from external
- PIN secured conference rooms
- announcements on presence of participants
- customized conference rooms with freely selectable extension number

technical

- passively cooled device (low noise)
- Hosted PBX: no traffic limit
- supported protocols: SIP, IAX
- Codecs: G711a, G711u, GSM, Speex Wideband,
- Speex, G.723, G.726, G.729, iLBC
- (some codecs require individual licensing)



Logged on user
admin

System

- Password
- Date/Time
- Network
- Language
- Demo-Password

Users

- Userlist
- Groups
- Messages

Conference

- Rooms

Answering options

- Opening time
- Announcements

VoIP

- Main
- Provider
- Incoming
- Outgoing CR
- Outgoing

ISDN

- Main
- Incoming
- Emergency call

Music

- MusicOnHold
- Ringup

Data Backup

- Data Backup
- Data restore

History

- Call History All
- Call History In
- Call History Out
- Call History Int

Control

- Reboot
- Status

Logout

- Logout

Companies have the choice – rent or buy. The build-up of a telecommunication system that is internal stands vis-à-vis to the outsourcing of an IP telephony infrastructure. This is why the IP based public phone exchange G1000 is available as hardware and alternatively as hosted PBX. The G1000 PBX hardware is physically located at the customer while the hosted PBX resides at an Internet Service Provider with a powerful backbone.

G1000 PBX hardware version

The G1000 PBX gets is customized by us to the structure of your telephony system. Depending on the number of locations and subscriber lines (extensions) it can make sense to go for real hardware. The G1000 PBX hardware version is identical to the hosted variant. Both variants can even be combined.

G1000 PBX hosted version

Especially small and medium-sized businesses who do not want to afford their own IP infrastructure, benefit from outsourcing of an IP based PBX. The applications run on a server that is under permanent surveillance - a separate service agreement is not required. Hosted IP telephony greatly increases your flexibility! You can easily extend specific features and order individual changes. Your hosted G1000 PBX is always at the cutting edge.

PBX communication with unprecedented flexibility

Regardless of a specific version, the G1000 PBX comes with decisive advantages over classic PBX solutions. No differences between local, mobile or remote workplaces: Home offices as well as filed staff located in a hotel are just as available under their respective extension number as any other subscriber. Any staff member anywhere around the globe with an IP connection integrate into the G1000 PBX by plugging in their end devices.

Provider 1-3 Provider 6-10

Call manager / announcement IP

Forward 004662369483 deactivated deactivated

with (VOIP) deactivated deactivated

all users All on All on All on

Group1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
122 (Person) - 0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
123 (Person) - 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
124 (Person) - 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

General

National Prefix: 0

International Prefix: 00

ISDN mode: MSN DID

Local PBX available: yes no

Dial Preselection: 0 (Preselection of phone line of the local ISDN-PBX)

Settings for outgoing calls

ISDN area code (for outbound calls with explicit choice of ISDN network)

fixed ISDN numbers:

No.	MSN	forward	of
0	0	<input type="checkbox"/>	
1	0	<input type="checkbox"/>	
2	0	<input type="checkbox"/>	
3	0	<input type="checkbox"/>	
4	0	<input type="checkbox"/>	
5	0	<input type="checkbox"/>	
6	0	<input type="checkbox"/>	
7	0	<input type="checkbox"/>	
8	0	<input type="checkbox"/>	
9	0	<input type="checkbox"/>	
10	0	<input type="checkbox"/>	

Notify:

- if the numbers are connected with the ISDN bus, the PBX will catch the call
- here you can also connect another PBX
- you must assign the numbers to PBX users (ISDN->incoming)
- announcement active -> dialling of extensions during the message
- forward -> if a user is not reachable

ISDN: setting

MSN	90999	90998	789005	56546
	(aktiv)	(inaktiv)	(inaktiv)	(inaktiv)
	(normal)	(normal)	(normal)	(normal)
User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
all	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
122	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
123	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
123	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
124	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notify

X - numbers from 0 to 9
Z - numbers from 1 to 9
N - numbers from 2 to 9

Area	Prefix	Provider
International:	00	voipaccount1
National:	0N	voipaccount2
Cell:	01 Z	voipaccount3

Voicebox - opening hours

deactivate (always open): deaktivieren

opening hours: from 07:30 to 19:00 (e.g. 8:00 - 18:00)

weekdays: from Mo to Fr

closed: from Sa to Su

forward to voicebox:



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