

GRANDSTREAM GXE502X SERIES IP PBX



OVERVIEW:

The GXE502x appliance is a powerful all-in-one voice + video + fax + data communication solution for the small to medium sized business, especially companies with sub-30 seats per location. The GXE502x takes modern business communication systems to a heightened level of innovation, quality, reliability, ease of deployment and affordability.

Designed from ground up to support distributed IP communications, intelligent unified messaging, advanced application integration and popular PBX features, the GXE502x product family also optimally integrates legacy PSTN trunk and telephone interfaces for fail-safe hybrid communication needs in all circumstances including power or network loss.

CONFIGURING THE BROADVOX SIP TRUNK ON THE GXE502X IP PBX

PLEASE SEE GXE502X INTERFACE PICTURE BELOW FOR FIELD REFERENCE

- 1) Add a new SIP trunk/DID under Trunk/Phone Lines → SIP trunk Add.
- 2) Give a name to the trunk in the “Trunk name” field. Fill the “SIP server URL” with the given URL. For example, “fs.broadvox.net”. (This will be provided by Broadvox Provisioning department).
- 3) Enter the Account ID/DID (This will be provided by Broadvox Provisioning department).
- 4) Fill the Authentication ID and password fields (Note: These fields are identical. (This info will be provided by Broadvox Provisioning department).
- 5) For the inbound calls, please select how to route it in the “Inbound Call Answer” field.
- 6) Set session expiration to 180.
- 7) The rest of the fields don't require modification.
- 8) Press the submit button.
- 9) Repeat this process for each DID (Important registration is required for all DIDs to be able to receive calls from that number).

GXE502X ADMINISTRATION INTERFACE



GXE5024 IPPBX Administration Interface

- Phone Extensions
- Trunk/Phone Lines
 - Internal PSTN Trunk
 - Internal Phone/Fax Port
 - SIP Trunk**
 - External PSTN Trunk
- Conference Bridge
- Hunt/Ring Group
- Auto-Attendant
- Call Queues
- System Configuration
- Advanced Options
- Call Routing
- Reset & Reboot
- Status
- Reports

→ SIP Trunk

Language English ▾ [Logout](#)

<input type="checkbox"/> All	Name	SIP Server URL	Account ID	Active Calls	Status
<input type="button" value="Delete"/>		<input type="button" value="Add"/>			

[Click here to get related SIP Trunking Service Provider Information and Promotional Offers!](#)



GXE5024 IPPBX Administration Interface

- Phone Extensions
- Trunk/Phone Lines
 - Internal PSTN Trunk
 - Internal Phone/Fax Port
 - SIP Trunk**
 - External PSTN Trunk
- Conference Bridge
- Hunt/Ring Group
- Auto-Attendant
- Call Queues
- System Configuration
- Advanced Options
- Call Routing
- Reset & Reboot
- Status
- Reports

→ Add SIP Trunk

Language English ▾ [Logout](#)

Trunk Name	<input type="text"/>	←
Trunk Active	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
SIP Server URL	<input type="text"/>	←
Outbound Proxy URL	<input type="text"/>	
Account Name	<input type="text"/>	
Account ID	<input type="text"/>	←
Authenticate ID	<input type="text"/>	←
Password	<input type="text"/>	←
Max Concurrent Calls Allowed	<input type="text" value="8"/>	
Dial Prefix	<input type="text"/>	
Advanced		Close
Registration Retry Interval	<input type="text" value="600"/>	
SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS (Default is UDP)	
Heart Beat	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Session Keep Alive	<input type="text" value="Automatic/Session timer"/>	
Session Expiration	<input type="text" value="180"/>	←
Min-SE	<input type="text" value="90"/>	
Use DNS SRV	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Unregister On Reboot	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Register Active	<input checked="" type="radio"/> Yes <input type="radio"/> No	
CBCOM Encryption	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Incoming Calls Routed by	<input type="text" value="Request URI"/>	
ReInvite Delay	<input type="text" value="0"/> (In seconds)	
Account ID As From Name	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Enable Video	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Add PAI Header	<input checked="" type="radio"/> Yes <input type="radio"/> No	



GXE5024 IPPBX Administration Interface

Phone Extensions

Trunk/Phone Lines

- Internal PSTN Trunk
- Internal Phone/Fax Port
- **SIP Trunk**
- External PSTN Trunk

Conference Bridge

Hunt/Ring Group

Auto-Attendant

Call Queues

System Configuration

Advanced Options

Call Routing

Reset & Reboot

Status

Reports

→ Modify SIP Trunk

Language English ▼

[Logout](#)

Trunk Name	<input type="text" value="Broadvox"/>
Trunk Active	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
SIP Server URL	<input type="text" value="fs.broadvox.net"/>
Outbound Proxy URL	<input type="text"/>
Account Name	<input type="text" value="Broadvox"/>
Account ID	<input type="text" value="6173963992"/>
Authenticate ID	<input type="text" value="6173963992"/>
Password	<input type="text"/>
Max Concurrent Calls Allowed	<input type="text" value="8"/>

Advanced

[Close](#)

Registration Retry Interval	<input type="text" value="600"/>
SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS (Default is UDP)
Heart Beat	<input type="radio"/> Yes <input checked="" type="radio"/> No
Session Keep Alive	<input style="border: none; background-color: #f0f0f0; padding: 2px;" type="text" value="Automatic/Session timer"/>
Session Expiration	<input type="text" value="180"/>
Min-SE	<input type="text" value="90"/>
Use DNS SRV	<input type="radio"/> Yes <input checked="" type="radio"/> No
Unregister On Reboot	<input type="radio"/> Yes <input checked="" type="radio"/> No
Register Active	<input checked="" type="radio"/> Yes <input type="radio"/> No
CBCOM Encryption	<input type="radio"/> Yes <input checked="" type="radio"/> No
Incoming Calls Routed by	<input style="border: none; background-color: #f0f0f0; padding: 2px;" type="text" value="Request URI"/>
ReInvite Delay	<input style="border: none; background-color: #f0f0f0; padding: 2px;" type="text" value="0"/> (In seconds)
Account ID As From Name	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable Video	<input type="radio"/> Yes <input checked="" type="radio"/> No
Add PAI Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
User ID is phone number	<input type="radio"/> Yes <input checked="" type="radio"/> No



GXE5024 IPPBX Administration Interface

Phone Extensions

Trunk/Phone Lines

- Internal PSTN Trunk
- Internal Phone/Fax Port
- **SIP Trunk**
- External PSTN Trunk

Conference Bridge

Hunt/Ring Group

Auto-Attendant

Call Queues

System Configuration

Advanced Options

Call Routing

Reset & Reboot

Status

Reports

→ **SIP Trunk**

Language English ▾ [Logout](#)

<input type="checkbox"/> All	Name	SIP Server URL	Account ID	Active Calls	Status
<input type="checkbox"/>	Broadvox	fs.broadvox.net	6173963992	0	Connected

Delete

Add

One Button Provisioning

[Click here to get related SIP Trunking Service Provider Information and Promotional Offers!](#)



Grandstream Networks
1297 Beacon Street, 2nd Floor
Brookline, MA 02446