

Speed Dial aka Abbreviated Dialing aka Phone Book aka Contacts aka Directory

There are many ways to think about a list of names and numbers.

There a lots of names/variations of this feature.

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Overview & Purpose

Speed Dial (or any of the above variations in the name of the feature) can be accomplished in several ways on your XBLUE IP7g and QB system package. Speed Dial has morphed over many years of feature use from being a speedy access to numbers you frequently dial to a complete list of company/client contact lists ...complete lists are less speedy and rather a convenience feature whereby a person listed can be more easily found and reached.

There are four (4) forms of Speed Dial/Contact Lists available (when using IP7g and QB Server):

- Speed Dial - Dial Pad single button dialing (9)
- IP7g Contact List (500)
- LDAP - IP7g (XBLUE IP Phone) & XBLUE QB Server (1000)
- Speed Dial - Direct Access via Button (30)

Speed Dial - Dial Pad (Single-button) - IP7g

Your IP7g telephone has the ability to store nine (9) telephone numbers for very fast access and dialing. The Dial Pad buttons 1 ~ 9 can be setup to contain a telephone number and name so that simply pressing that Dial Pad button and the call button will place the call to that person.

Capacity

Nine (9) numbers

Programming

1. The IP7g (XBLUE IP Phone) must be idle (not in use)
2. Press Menu button (right button under the display)
3. Press 5 Phonebook (Dial Pad button)
4. Press 6 Speed Dial (Dial Pad button)
5. Use the Navigation keys (Up/Dn/Rt/Lf) to select the Speed Dial number to program (1~9)
6. Press “Edit” (under display prompt)
7. Use the Dial Pad keys to input the name associated to this number
8. Use the Navigation Dn key to go to the “Tel” line
9. Use the Dial Pad to input the telephone number for this Speed Dial
10. Press “Save” (under display prompt)
11. Press Back, Back, Back then Exit (display prompts) to exit - or wait until the programming function times out to return to idle phone.

Operation:

1. While the phone is idle, press the Dial Pad key of the person and number you’ve stored
2. Press the Dial button (under display prompt) or just lift the handset to dial

Options

1. While programming you have the option of selecting a specific line for the dialing of this number or set it for Auto to select one for you.

Equipment Needed

1. The XBLUE IP7g telephone

2. VoIP Server (QB or other)

Related Features

1. Intercom Calling
2. PSTN (Public Switched Telephone Network) dialing.

Related Programming

1. IP7g setup - listed above
2. QB Outgoing Routes

Contacts - IP7g

Your IP7g telephone has the ability to store five hundred (500) Contacts with Name and three telephone numbers for look up and dialing as needed.

Capacity

Five Hundred (500) Contacts, each with one name and three numbers

Programming - Using the Phone Menu

1. The IP7g must be idle (not in use)
2. Press Menu button (right button under the display)
3. Press 5 (Dial Pad) or scroll to Phonebook and press OK (Nav Keys)
4. Press 1 (Dial Pad) or scroll to Contacts and press OK (Nav Keys)
5. Press “Add” (under display prompt)
6. Use the Dial Pad keys to input the name associated to this Contact
7. Use the Navigation Down key to go to the “Tel” line
8. Use the Dial Pad to input the primary telephone number for this Contact
9. Use the Navigation Down key to go to the “Mobile” line
10. Use the Dial Pad to input the mobile telephone number for this Contact
11. Use the Navigation Down key to go to the “Other” line
12. Use the Dial Pad to input a third telephone number for this Contact
13. Use the Navigation Down key to go to the “Ring” line
14. Use the Right/Left Navigation Keys to select the ringtone for this Contact
15. Press “Save” (under display prompt)
16. Press Back, Back, Back then Exit (display prompts) to exit - or wait until the programming function times out to return to idle phone.

Programming - Using the Phone Webpage

1. Enter into the Webpage programming interface for your IP7g (See the guide here)
2. Click on the Phonebook/Contacts to enter into this programming area
3. Click on Add New Contact
4. Input the Name, and three phone numbers (Main, Mobile, Other)
5. Select the Ringtype
6. Click OK
7. Repeat the above steps for all Contacts you wish to add

Operation:

1. While the phone is idle, press the Contacts button
2. Use the Up and Down Navigation Keys to find the person you want
3. Once found on the list press Dial (display prompt)
4. If there are multiple numbers for this Contact we must select the number to use on this call attempt... use the Up/Down Keys to select it or press the corresponding Dial Pad digit to dial that number.

Options

1. You can use one telephone to create the entire list of Contacts and then copy that list to other telephones using the Phonebook/Advanced - Export Contact List and Phonebook/Advanced - Import Contact List functions
2. Contacts can be Grouped to allow faster access when looking up the Contact desired.

Equipment Needed

1. XBLUE IP7g telephone

Related Features

1. Intercom Calling
2. PSTN (Public Switched Telephone Network) dialing.

Related Programming

1. QB Outgoing Routes
2. Phonebook/Contacts
 - a. Add New Contact

- b. Checkbox selection of existing contacts
 - c. Delete (those checked)
 - d. Delete All
- 3. Phonebook/Advanced - Export Contact List
- 4. Phonebook/Advanced - Import Contact List

LDAP - IP7g & QB Server

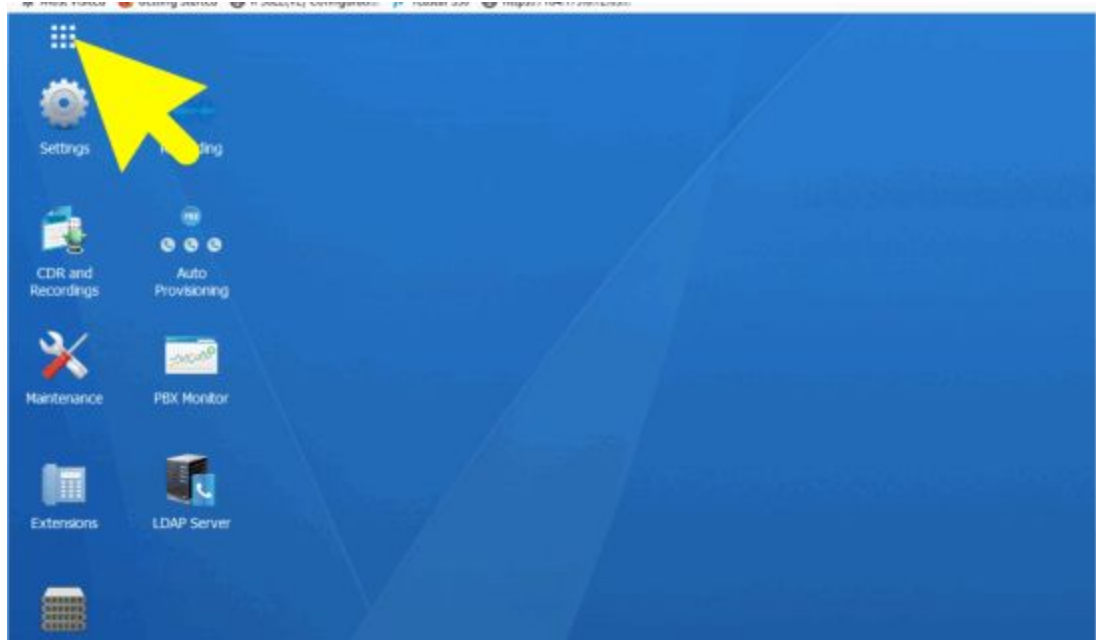
Your IP7g telephone has the can retrieve Directory lists from up to four (4) LDAP Servers. LDAP is Lightweight Directory Access Protocol. LDAP Servers can be configured for various directory listings. The of LDAP servers in this application are centered on the secure storage of contacts. The LDAP server settings in the various parameters in this guide are for the purposes of contacts lists. In this application the LDAP Server contents should be limited to one-thousand (1000) entries to facilitate faster access. The LDAP function on the QB server is preconfigured to awith the members of the PBX (users of the QB). The preconfigured list is titled “pbx”.

Capacity

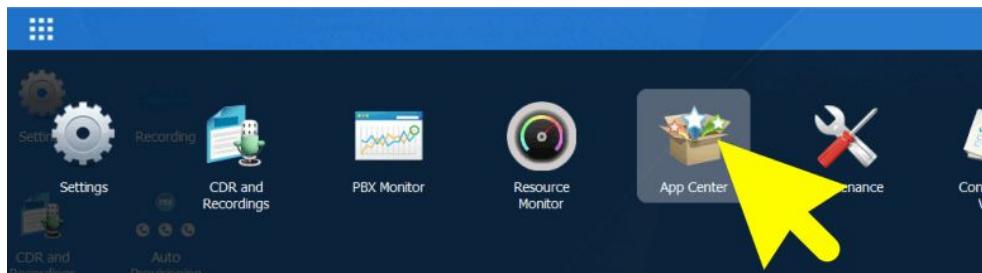
Up to one-thousand (1000) entries can be included in each LDAP server list definition on the QB server. Note that the IP7g telephone can access up to (4) LDAP Servers so additional LDAP Servers might also be configured on another server to achieve additional directory listings.

Programming - QB Server - Installing LDAP Server

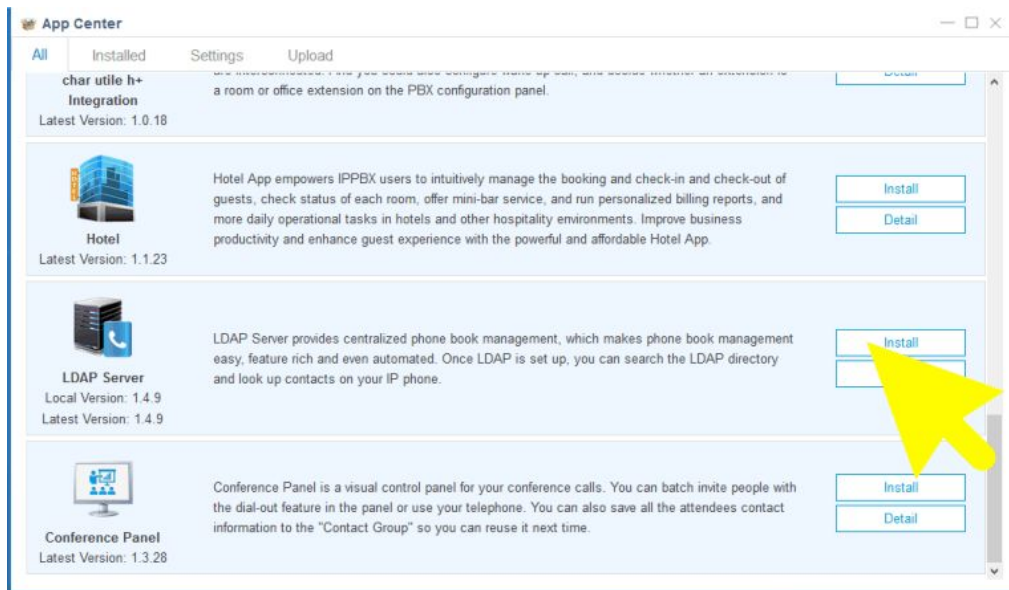
1. The QB Server - when your server has the default XBLUE Config it will have the LDAP server already installed. If you do not see the LDAP icon on the Desktop or when clicking on Setting you must first install it.
2. Install LDAP Server:
 - a. Click on MENU (upper left corner)



b. Then click on App Center

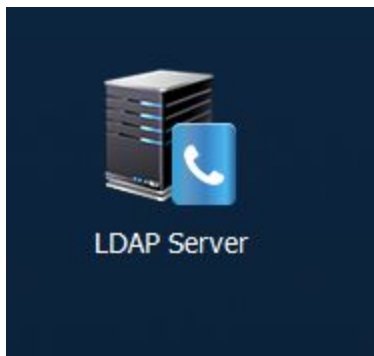


c. Locate LDAP Server on the list of Apps and then click on Install

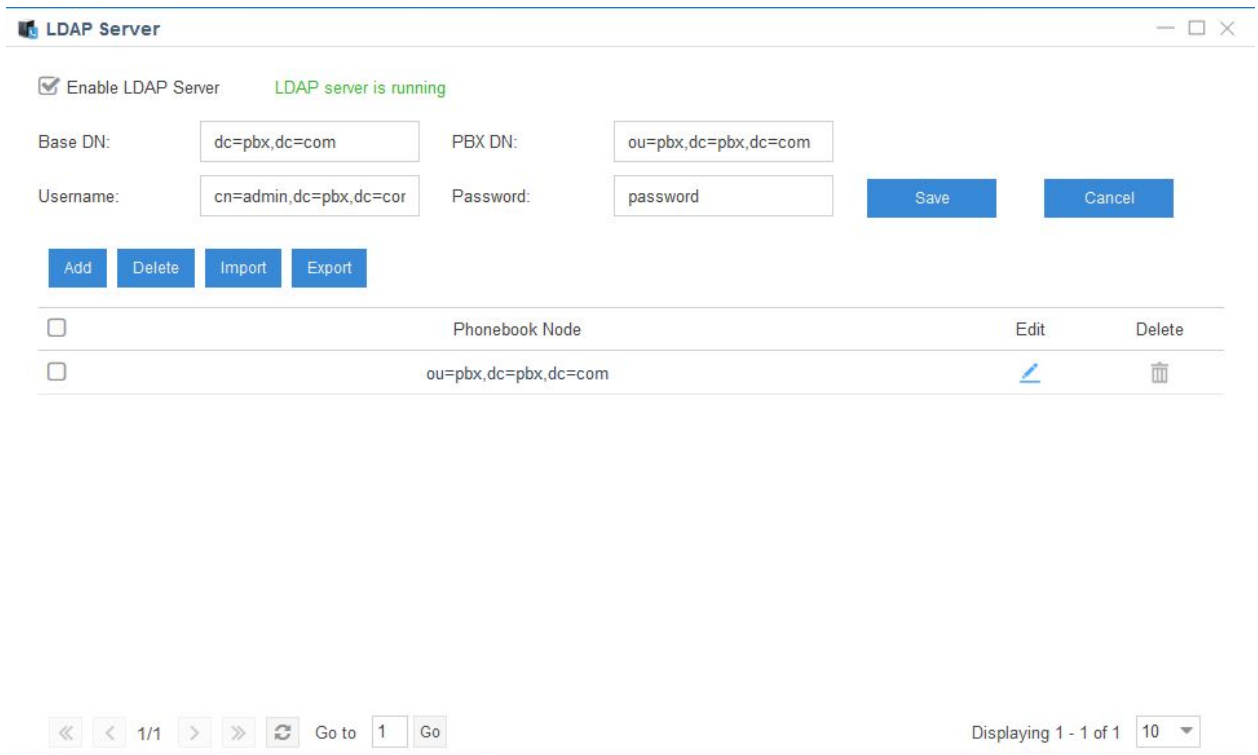


Programming - QB Server - LDAP Setup/Startup and Editing

1. Once the LDAP Server is installed onto your QB server you can start the server by clicking on the MENU and then the LDAP Server icon



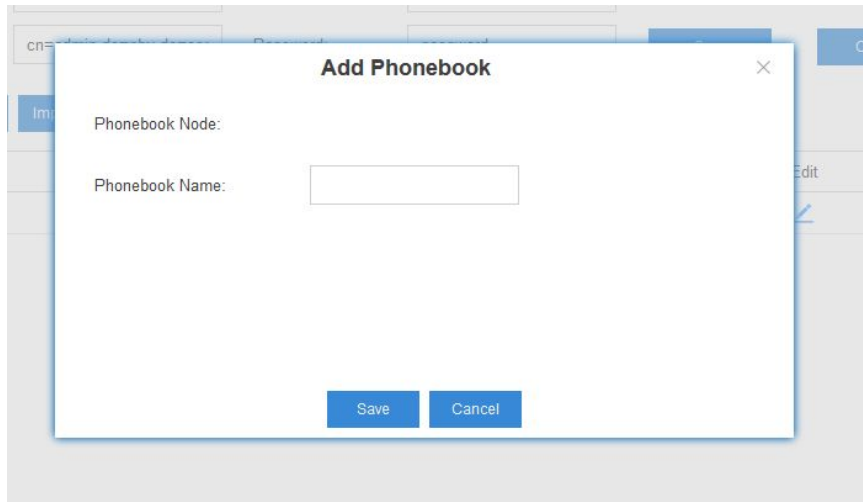
2. In the LDAP Application, click on Enable LDAP Server to start the server

The image shows a screenshot of the "LDAP Server" application window. At the top, there is a title bar with the text "LDAP Server" and standard window controls. Below the title bar, there is a section with a checkbox labeled "Enable LDAP Server" which is checked, and a green status message "LDAP server is running". Below this, there are four input fields: "Base DN:" with the value "dc=pbx,dc=com", "PBX DN:" with the value "ou=pbx,dc=pbx,dc=com", "Username:" with the value "cn=admin,dc=pbx,dc=com", and "Password:" with the value "password". To the right of these fields are "Save" and "Cancel" buttons. Below the input fields, there are four buttons: "Add", "Delete", "Import", and "Export". Below these buttons is a table with the following structure:

<input type="checkbox"/>	Phonebook Node	Edit	Delete
<input type="checkbox"/>	ou=pbx,dc=pbx,dc=com		

At the bottom of the window, there is a pagination bar with the text "Displaying 1 - 1 of 1" and a dropdown menu showing "10".

3. The QB automatically loads a default Directory using the pbx names and extensions setup in the QB. This is the first on the list. This list can be edited but it cannot be deleted. If you prefer you can create your own list by clicking on the Add button.
4. To create your own list:
 - a. Click on Add button
 - b. Name your list:

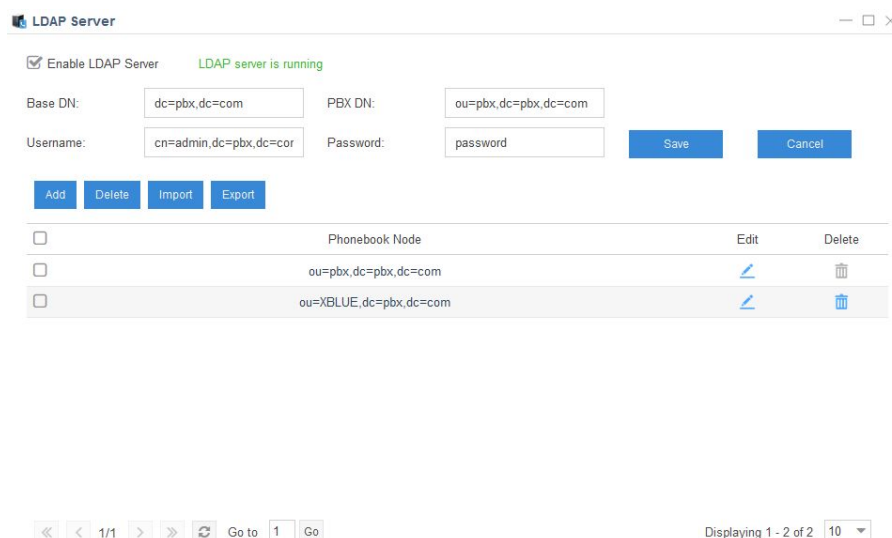


Add Phonebook

Phonebook Node:

Phonebook Name:

- c. Click on Save to save your phonebook list
- d. After saving you'll be back at the listing of Phonebook Nodes. Notice that the list you just added is now



LDAP Server

☒ Enable LDAP Server LDAP server is running

Base DN: PBX DN:

Username: Password:

<input type="checkbox"/>	Phonebook Node	Edit	Delete
<input type="checkbox"/>	ou=pbx,dc=pbx,dc=com	Edit	Delete
<input type="checkbox"/>	ou=XBLUE,dc=pbx,dc=com	Edit	Delete

« < 1/1 > »

Displaying 1 - 2 of 2

The Phonebook you've just added is on the list.

- e. You can edit your list to add/edit contacts on the list.

Edit Phonebook

×

Add

Delete

<input type="checkbox"/>	Nickname	Edit	Delete
<input type="checkbox"/>	Frodo		
<input type="checkbox"/>	Gimli		
<input type="checkbox"/>	Stryder		

Nickname:

Gandolf

First Name:

Last Name:

Email:

Mobile Number:

Office Number:

Home Number:

Department:

Save

Cancel

«

<

1/1

>

»

↺

Go to

1

Go

Show 1 - 3 of 3

10 ▾

- f. Once completed with your adds/edits click on Cancel to end the list add/edit session.
- g. At this point your list is ready on the server.

Programming the IP7g - Webpage

1. Enter into the Webpage programming interface for your IP7g (See the guide here)
2. Click on Phonebook on the menu at the left
3. Click on Cloud Phonebook from the tabs at the top
4. Then click on LDAP Settings, the screen appears:

The screenshot shows the Xblue IP7g web interface. The top navigation bar includes 'Contacts', 'Cloud phonebook', 'Blacklist', and 'Advanced'. The left sidebar lists 'System', 'Network', 'Line', 'Phone settings', 'Phonebook', 'Call logs', and 'Function Key'. The 'Cloud phonebook' section is active, showing a table of phonebooks and an 'LDAP Settings >>' link. The 'Manage Cloud Phonebooks' table has columns for Index, Cloud phonebook name, Cloud phonebook URL, Calling Line, Search Line, Authentication Name, and Authentication Password. The 'LDAP Settings >>' section is expanded, showing fields for LDAP 1 configuration, including Display Title, Server Address, Authentication, Username, Search Base, Search Line, Telephone, Other, LDAP Name Filter, Version, Server Port, Line, Password, Enable Calling Search, Mobile, Display name, and LDAP Number Filter.

5. Input the contents of the server information from the QB LDAP Server information. Match the information below except to change:
 - a. “Display Title” to the title that you want displayed on the phones for user selection, and
 - b. Server Address to the IP Address of your QB Server/LDAP server, and
 - c. Password... this is “password” at default in the QB LDAP server

The screenshot shows the 'LDAP Settings >>' section with the following values entered for LDAP 1:

- Display Title: XBLUEDirectory
- Server Address: <IP Address of your QB>
- Authentication: None
- Username: cn=admin,dc=pbx,dc=com
- Search Base: dc=pbx,dc=com
- Search Line: Auto
- Telephone: telephoneNumber
- Other: home
- LDAP Name Filter: objectclass=*
- Version: Version 3
- Server Port: 389
- Line: Auto
- Password:
- Enable Calling Search: ☐
- Mobile: mobile
- Display name: cn
- LDAP Number Filter:

6. Click on Apply (make sure to click on the Apply button within the LDAP category) on the webpage.

Operation:



1. While the phone is idle, press the Contacts/Phonebook button

Phonebook	
1	Contacts
2	Groups
3	Blacklist
4	Cloud Phonebook
5	LDAP
Prev. Next Enter Exit	

2. Press 5 (Dial Pad) for LDAP (LDAP servers are shown)

LDAP	
1	XBLUE Directory
2	LDAP2
3	LDAP3
4	LDAP4
Enter Back	

3. Press “OK” or Enter button under displayed “Enter” (lists on this server are shown)

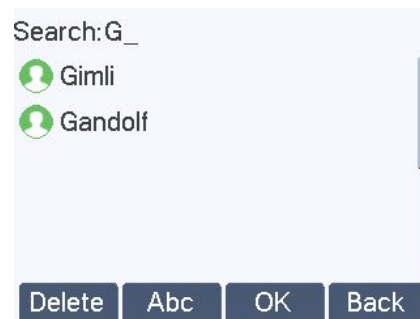
pbx	
1	pbx
2	XBLUE
Search Enter Exit	

4. Use the Up/Down Keys to select it or press the corresponding Dial Pad digit to select. (E.g. press Dial Pad “2” to select XBLUE.) (The selected list will load)

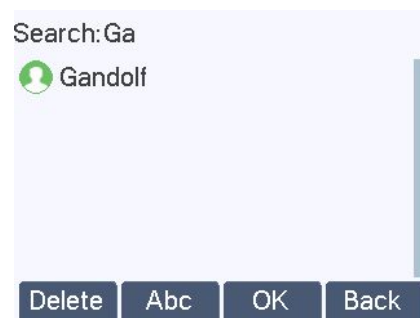


5. Use the Up/Down Keys to select the person or
If the list is long use the Dial Pad and corresponding Character to spell the name to narrow the list

- a. Pressing 4 (g) starts the search...



- b. then 2 (a) narrows the search to Gandolf...



6. Press OK to select the person...



7. Press Dial (button under "Dial" in the display)

Call Gandolf

1 0745612789422

2 078945645454

EDial Dial Exit

8. Use the Up/Down Keys to select the number you want then press “Dial” or; Press the corresponding Dial Pad digit to select it and dial it.

Options

1. You can use multiple LDAP servers (4 Max)
2. LDAP server contents can be Exported and Imported to the QB LDAP Server
- 3.

Equipment Needed

1. XBLUE IP7g telephone
2. QB Server
3. Optionally additional LDAP Servers (third-party servers are not supported by XBLUE Customer Service)

Related Features

1. Intercom Calling
2. PSTN (Public Switched Telephone Network) dialing.

Related Programming

1. QB - Outgoing Routes
2. QB - LDAP Server
3. IP7g - Phonebook/Cloud phonebook - LDAP Settings