



Using BroadWorks Anywhere on Yealink IP Phones with BroadSoft UC One



WWW.YEALINK.COM

Document Revision History

Version	Change Log
1.0	Edited and published document.

Requirements for BroadWorks and IP phone

BroadWorks (UC ONE) software version:

R17.0/R17.sp1/R17.sp2/R17.sp3/R17.sp4

R18.0/R18.sp1

R19.0/R19.sp1

Firmware version on IP Phones:

T19(P): 31.71.xx.xx

T20(P): 9.71.xx.xx

T21(P): 34.71.xx.xx

T22(P): 7.71.xx.xx

T26(P): 6.71.xx.xx

T28(P): 2.71.xx.xx

T42(G):29.71.xx.xx

T46(G):28.71.xx.xx

W52P: Not supported

VP530(P): 23.70.xx.xx

T32(G): Please contact support@yealink.com

T38(G): Please contact support@yealink.com

You will learn

- ① **Application Scenarios**
- ② **Configuration on BroadWorks**
- ③ **Configuration on Yealink phone**
- ④ **Feature show**
- ⑤ **Notes**

① Application scenarios

1. Call a Broadsoft Extension via Mobile or PSTN fixed line.

User A can add a Location, for example “London” with his Mobile or PSTN fixed line in London. He can use his Mobile or PSTN fixed line to call his colleague User B, and User B’s phone would show the extension number of User A just like an internal calling.

2. Switch a call from Mobile to Desktop IP phones.

User A can add location named “Mobile” so that the phone number will be his own personal Mobile number and user A can receive incoming call when he is on his way back to the office. He can switch the call from Mobile to Desktop IP phone when he is back to office.

3. Switch a call from Desktop IP phones to Mobile.

User A can add location named “Mobile” so that the phone number will be his own personal Mobile number . He can dial a certain string of number on Mobile to switch the call from Desktop IP phone to Mobile phone when user get a private call from desktop IP phone and he needs to go away from desk.

② Configuration on BroadWorks

Step 1.

Group->Users->Call Control->BroadWorks Anywhere

Check “Alert all locations for Click-to-Dial calls” and “Alert all locations for Group Paging calls”

Note: This configuration only can be configured on the Broadworks.



[Help](#) - [Home](#)

Group > Users : 2404982733 ①

Welcome [Logout](#)

Options:

- [Profile](#)
- [Incoming Calls](#)
- [Outgoing Calls](#)
- ▶ [Call Control](#) ②
- [Client Applications](#)
- [Messaging](#)
- [Service Scripts](#)
- [Utilities](#)

BroadWorks Anywhere ③

Configure the fixed and mobile phones you would like to link to this account.

OK Apply Add Cancel

Alert all locations for Click-to-Dial calls ④

Alert all locations for Group Paging calls ⑤

[VIEW AVAILABLE PORTAL LIST](#)

Phone Number ▲	Description	Edit
No Entries Present		

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② Configuration on BroadWorks

Step 2. Add a location.

Go to Group->Users->Call control->Broadworks anywhere->Add

PhoneNumber: Input the number you want to bind with this location;

Description: You can choose to fill or leave it as blank;

Enable this Location/Enable Diversion Inhibitor/Use BroadWorks-Based Call Control Service:

Check these three options;

Outbound Alternate Phone Number/SIP URI: Make sure this setting is the same as Phone number otherwise the location won't ring.

Note: This configuration only can be configured on the Broadworks then the Phone will synchronize the configuration after XSI is configured on the phone.

The screenshot shows the BroadWorks configuration interface. The top navigation bar includes "Welcome" and "Logout". The left sidebar lists options: Profile, Incoming Calls, Outgoing Calls, Call Control (highlighted with a red box and circled 2), Client Applications, Messaging, Service Scripts, and Utilities. The main content area is titled "BroadWorks Anywhere Phone Number Add" (circled 3) and includes a subtitle: "Allows BroadWorks Anywhere Phone Number to be configured along with multiple selective criteria for each phone number". Below the title are "OK" and "Cancel" buttons. The form is divided into two tabs: "Phone Number" and "Selective Criteria". Under "Phone Number", there is a text input field for "* Phone Number: 2404982734" (circled 4) and a text input field for "Description: Mobile" (circled 5). Below these is a checked checkbox for "Enable this Location" (circled 6). Under "Selective Criteria", there is a text input field for "Outbound Alternate Phone Number/SIP URI:" (circled 7). Below this are three checked checkboxes: "Enable Diversion Inhibitor" (circled 8), "Require Answer Confirmation" (circled 9), and "Use BroadWorks-based Call Control Services" (circled 10). At the bottom of the form are "OK" and "Cancel" buttons.

② Configuration on BroadWorks

3. Check the feature codes:

Configuration Path: Group->User->Utilities->Feature Access Codes

*14	BroadWorks Anywhere E.164 Dialing
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③ Configuration on Yealink IP Phones

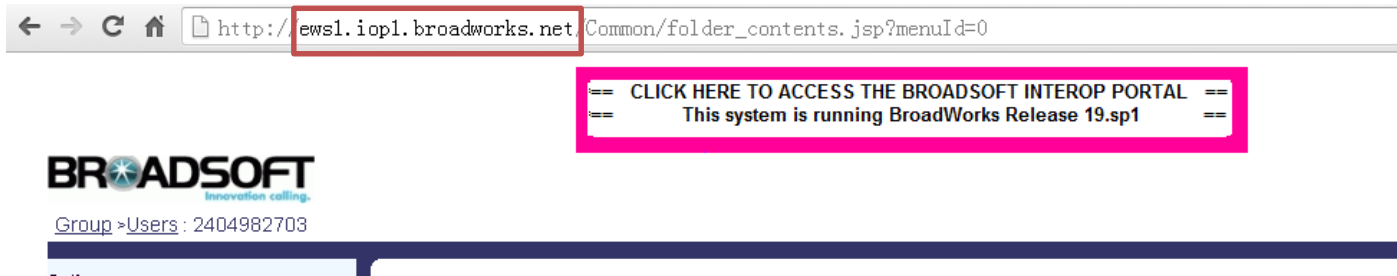
1. Ways to configure on IP Phones:

Access Portal	Availability	How to access?
Phone LCD portal	Not Available	NA
Web portal	Available	Log in by IP address: *Username/password are admin/admin by default
Auto Provisioning	Available	Use DMS or 3 rd party provision tool

③ Configuration on Yealink IP Phones

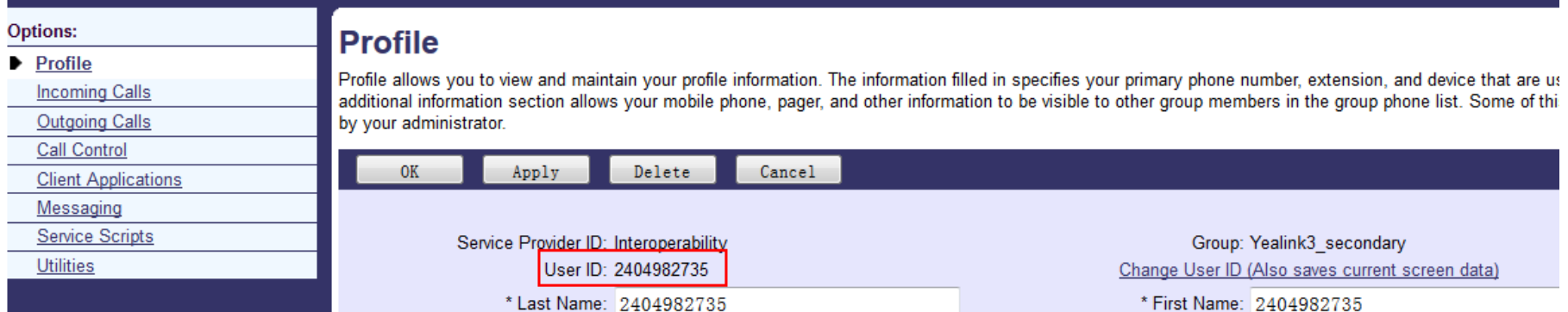
Get the XSI information

1. Host Server: The Host Server is your Broadworks Web Portal management address. For example: ews1.iop1.broadworks.net



2. XSI User ID: The User ID is in the profile of the User ID. It should contain the whole SIP URI. For example: 2404982735@as.iop2.broadworks.net

Group > Users : 2404982735



Options:

- Profile
- Incoming Calls
- Outgoing Calls
- Call Control
- Client Applications
- Messaging
- Service Scripts
- Utilities

Profile

Profile allows you to view and maintain your profile information. The information filled in specifies your primary phone number, extension, and device that are used. The additional information section allows your mobile phone, pager, and other information to be visible to other group members in the group phone list. Some of this information may be controlled by your administrator.

OK Apply Delete Cancel

Service Provider ID: Interoperability
User ID: 2404982735
Group: Yealink3_secondary
[Change User ID \(Also saves current screen data\)](#)

* Last Name: 2404982735 * First Name: 2404982735

3. The Password is the Broadworks Web Portal access password of each user.

③ Configuration on Yealink IP Phones

Set the XSI information via phone web UI

- Go to page **Directory** → **Network Directory**.

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Status Account Network DSSKey Features Settings **Directory**

Local Directory
Remote Phone Book
Phone Call Info
LDAP
Network Directory
Multicast IP
Setting

XSI

Host Server: xsp.ihs.broadsoft.com
Port: 80
XSI Server Type: HTTP
User ID: leo.huang@broadsoft.com
Password: ●●●●●●

Network Directory

Type	Enable	Display Name
Group	Enabled	Group

NOTE
Network Direct
The network dire parameters for a

##Notice: All broadsoft features will be displayed in Web UI after you enable this feature via Auto-Provisioning or you can't find it. This is very important.

Enable the BroadSoft features

##0-Disabled, 1-Enable (default). Require reboot.

bw.directory_enable = 1

③ Configuration on Yealink IP Phones

Set the XSI information via Auto-Provisioning

##Notice: All broadsoft features will be displayed in Web UI after you enable this feature via Auto-Provisioning or you can't find it. This is very important.

Enable the BroadSoft features

##0-Disabled, 1-Enable (default). Require reboot.

bw.directory_enable = 1

Configuration of XSI, the XSI configuration is corresponding to the first account one the phone.

account.1.xsi.user = %BWLOGIN-ID-1%

User ID

account.1.xsi.password =

Password

Configure the server host of XSI

account.1.xsi.host =

Host Server

Configure the type of server . Value : http (default) , https .

account.1.xsi.server_type =

Configure the port of server. The default port is 80.

account.1.xsi.port =

④ Feature Show

Call Control

1. Anywhere ①
2. Remote Office: On ◀ ▶
3. Call Forward
4. Do Not Disturb
5. Hide Number: On ◀ ▶

Back Switch Save

New Location

1. Name: ③
2. Phone Number: ④

Back 2aB Delete Save

Line Select

1. 2154 ②
2. 201

Back Enter

Add new Location on the phone:

1. **Menu=>Call Features=>Call Control=>Anywhere**
2. **Select a line;**
3. **Add a new location with Phone number.**

1. These features would be configurable on the phone LCD portal with T2X-V71 and T4X-V71 firmware after the XSI is configured on the phone;
2. For W52P, firmware V70 or before V70, these features only can be configured on the Server side and not available to be configured on the Phone LCD portal.
3. The feature on the phone can only be done via the Broadsoft Xtended service interface. Please verify that XSI is supported in you Broadworks platform.

Enjoy anywhere features😊