



Using BroadWorks Directory & BroadWorks Call Logs 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: 25.30.xx.xx

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&BTBC**
- ③ **Configuration on Yealink phone**
- ④ **Feature show**
- ⑤ **Notes**

① Application scenarios

BroadSoft Directory

BroadSoft Directory is the phonebook managed centrally on the Broadworks. Everybody in the same group have access to Group phonebook which contains all contact information of the group.

Application:

1. You can View the Phonebook and quickly search the contact you want to make a call.
2. The incoming calls will be matched to the phonebooks and the phone can display the caller name from BroadSoft Directory.

Broadsoft call log

BroadSoft Call log is the call log managed centrally on the Broadworks. Everybody in the group have access to his own call log.

Application:

1. You can download the call log and views your own call history.
2. You can find the contact you had received/Missed/Called and quickly dial a number from the call log.

② Configuration on BroadWorks

Xtended Service Interface

1. The BroadWorks Xtended Service Platform (XSP) enables a variety of ancillary interfaces on BroadWorks.
2. The primary interface exposed by the XSP is the Xtended Services Interface (Xsi) – provides a rich set of Web 2.0 interfaces for integrating BroadWorks services with desktop clients as well as Internet based applications.
3. The XSP also hosts the Device Management interface (DMI) so that phones, soft clients and gateways can download their latest configuration files and software loads.

Note:

The configuration is done on the Xtended Service Platform, for further information, if you need to know please study further on the Xtended Service Platform.

③ Configuration on Yealink IP Phones

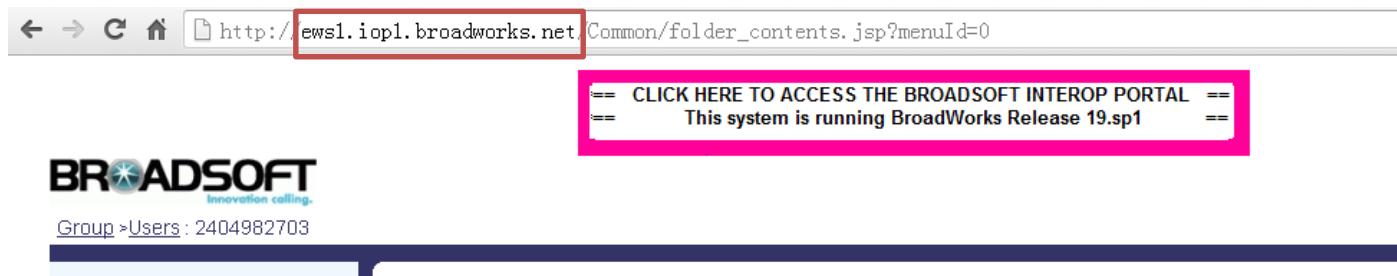
1. Ways to configure on IP Phones:

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**.

The screenshot displays the Yealink T28 web interface. At the top, there is a navigation bar with tabs for Status, Account, Network, DSSKey, Features, Settings, and Directory. The Directory tab is active. On the left sidebar, there are options for Local Directory, Remote Phone Book, Phone Call Info, LDAP, Network Directory (highlighted), Multicast IP, and Setting. The main content area shows the XSI configuration form with the following fields:

- Host Server: xsp.ihs.broadsoft.com
- Port: 80
- XSI Server Type: HTTP
- User ID: leo.huang@broadsoft.com
- Password: [masked]

Below the XSI form is the 'Network Directory' section, which includes a table with columns for Type, Enable, and Display Name. The 'Group' row shows 'Enabled' in the Enable column and 'Group' in the Display Name column.

##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

Configure Network Directory via Web UI

- Go to page **Directory** → **Network Directory**.
- You can enable or disable the displaying of each directory and define its display name.

Type	Enable	Display Name
Group	Enabled ▼	Group
Enterprise	Enabled ▼	Enterprise
Group Common	Enabled ▼	GroupCommon
Enterprise Common	Enabled ▼	EnterpriseCommon
Personal	Enabled ▼	Personal

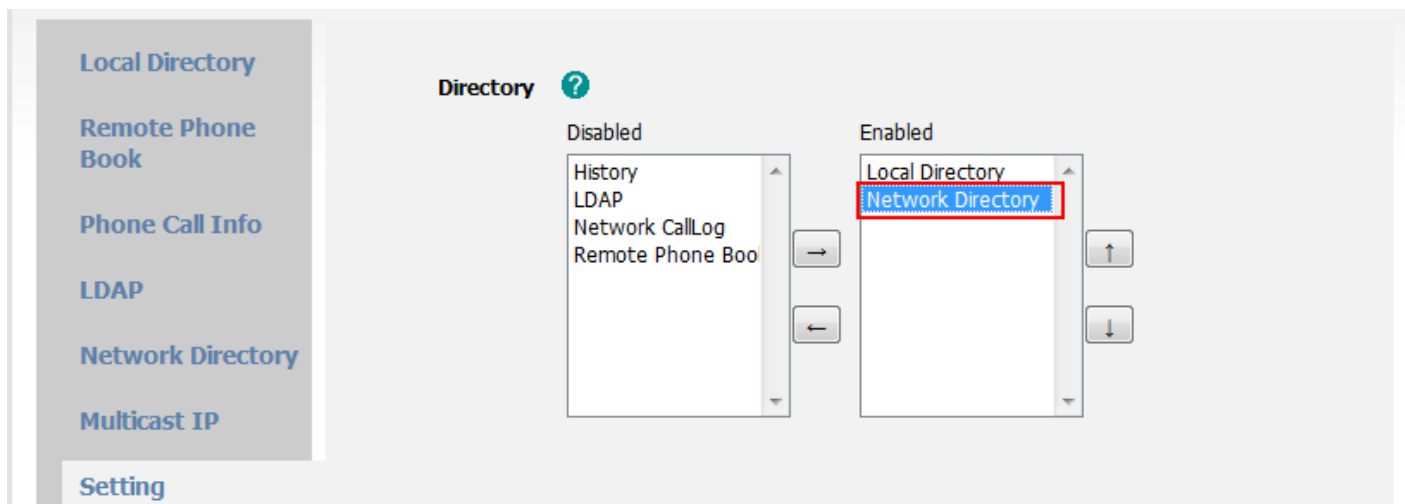
Custom Directory

Enable Custom Directory: Disabled ▼

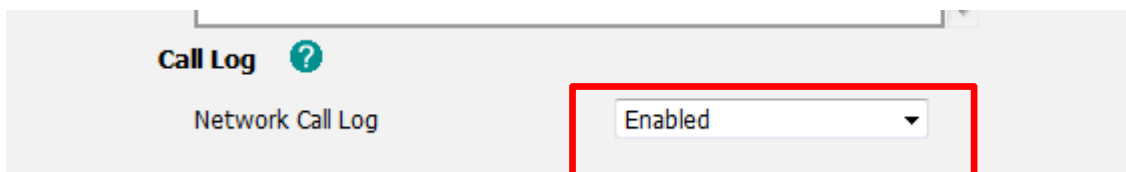
③ Configuration on Yealink IP Phones

Configure Network Directory via Web UI

- Go to page **Directory** → **Setting**.
- You choose which to access the Network Directory quickly on the second soft key when the phone is in idle status.



- Go to page **Directory** → **Network Directory**.
- You choose which to access the Network call log quickly on the first soft key when the phone is in idle status.



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 =

③ Configuration on Yealink IP Phones

Configure Network Directory via Auto Provisioning

You can also use provisioning to enable or disable the displaying of each directory and define its display name.

#Enables or disables the group directory to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 1.

```
bw_phonebook.group_enable = 1
```

#Specifies the group directory name displayed on the IP phone.The default value is Group.

```
bw_phonebook.group_displayname = %BWGROUP-1%
```

#Enables or disables the group common directory to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 0.

```
bw_phonebook.group_common_enable = 1
```

#Specifies the group common directory name displayed on the IP phone.The default value is GroupCommon.

```
bw_phonebook.group_common_displayname = GroupCommon
```

③ Configuration on Yealink IP Phones

Configure Network Directory via Auto Provisioning

You can also use provisioning to enable or disable the displaying of each directory and define its display name.

#Enables or disables the enterprise directory to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 0.

```
bw_phonebook.enterprise_enable = 1
```

#Specifies the enterprise directory name displayed on the IP phone.The default value is Enterprise.

```
bw_phonebook.enterprise_displayname = %BWENTERPRISE-1%
```

#Enables or disables the enterprise common directory to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 0.

```
bw_phonebook.enterprise_common_enable = 1
```

#Specifies the enterprise common directory name displayed on the IP phone.The default value is EnterpriseCommon.

```
bw_phonebook.enterprise_common_displayname = EnterpriseCommon
```

③ Configuration on Yealink IP Phones

Configure Network Directory via Auto Provisioning

You can also use provisioning to enable or disable the displaying of each directory and define its display name.

#Enables or disables the personal directory to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 1.

```
bw_phonebook.personal_enable = 1
```

#Specifies the personal directory name displayed on the IP phone.The default value is Personal.

```
bw_phonebook.personal_displayname = Personal
```

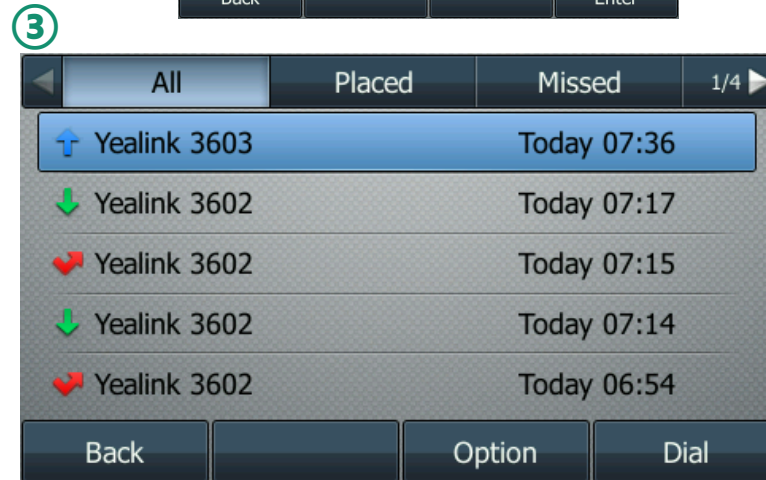
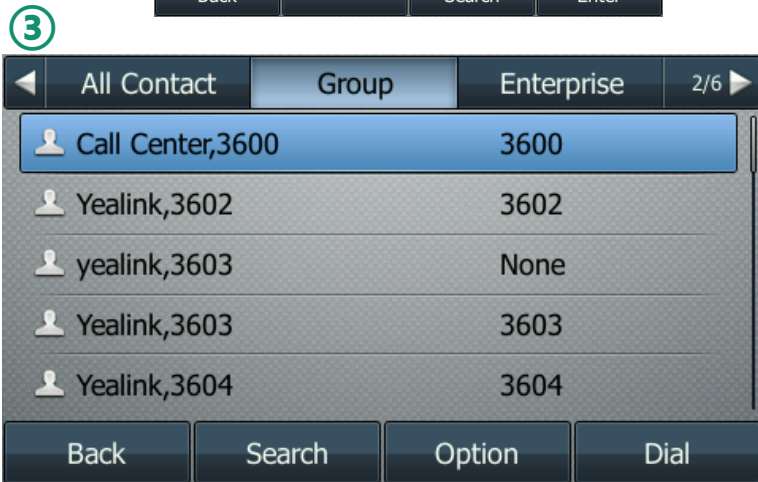
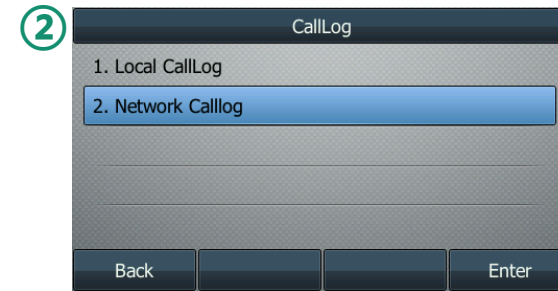
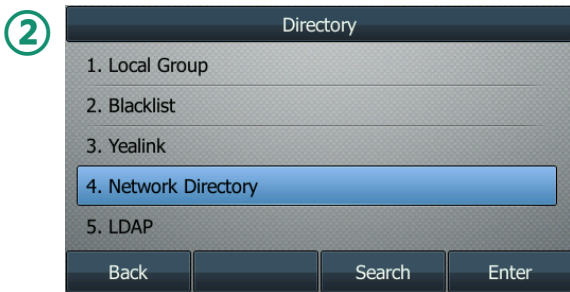
#Enables or disables custom directory feature.0-Disabled,1-Enabled,the default value is 0.

```
bw_phonebook.custom =
```

#Enables or disables the broadsoft call log to be displayed on the IP phone.0-Disabled,1-Enabled,the default value is 1.

```
bw_phonebook.call_log_enable = 1
```

④ Feature Show



Note: You can also enter the call log and directly from the soft key on the phone LCD portal.

1. These features can be used on the phone LCD with T2X-V71,T4X-V71 and Dect firmware after the XSI is configured on the phone;
2. There is different configurations on the phones for firmware V70(xx.70.xx.xx) or before V70. Please contact support@yealink.com for the details
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 these features😊