

Using Busy Lamp Field (BLF) List on Yealink IP Phones with BroadSoft UC One



WWW.YEALINK.COM

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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&T32&T38: Please check the last page of this document

for the detail.



You will learn

- **1** Application Scenarios
- ② Configuration on BroadWorks&BTBC
- **3** Configuration on Yealink phone
- 4 Feature show



① Application scenarios

Busy Lamp Field (BLF) List allows a list of specific extensions to be monitored for status changes. Different indicators on the monitoring phone show the status of monitored users (such as busy, idle, incoming call etc.). The monitoring user can also be notified about calls being parked/no longer parked against any monitored user.

Related Key Features:

Speed dial: Dial the monitored user when it is in idle

Directed Pick up :Help to pick up the incoming call when the monitored user can't be able to answer incoming call

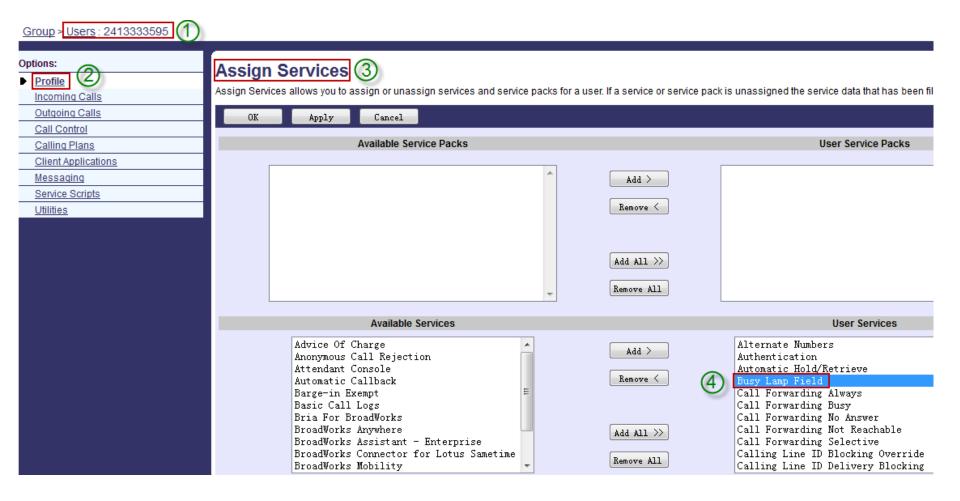
BLF Barge-in :If you need to join the current call of monitored number ,you can press the BLF list key to set up a conference call



② Configuration on BroadWorks

1. To assign the BLF service to an user

Configuration Path: Group->User->Profile->Assign Services

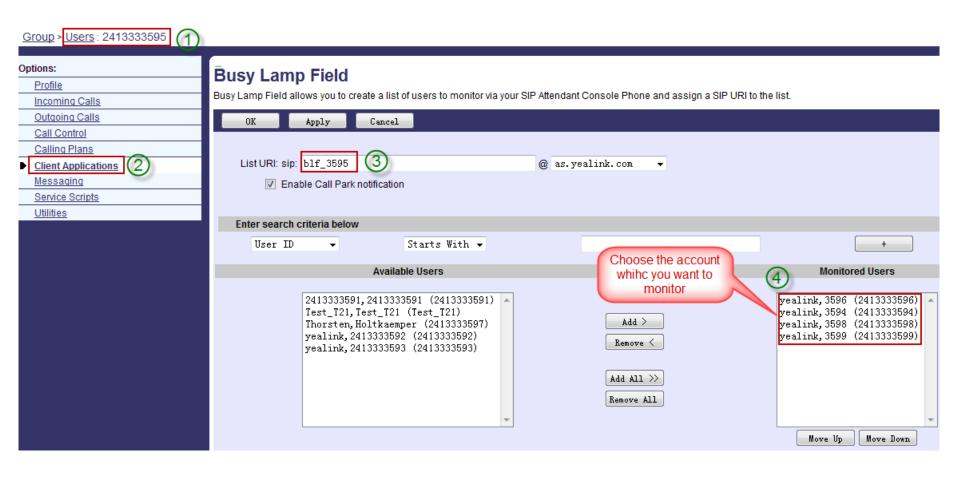




② Configuration on BroadWorks

2. To configure BLF List for the user

Configuration Path: Group->Users->Client Applications->Busy Lamp Field

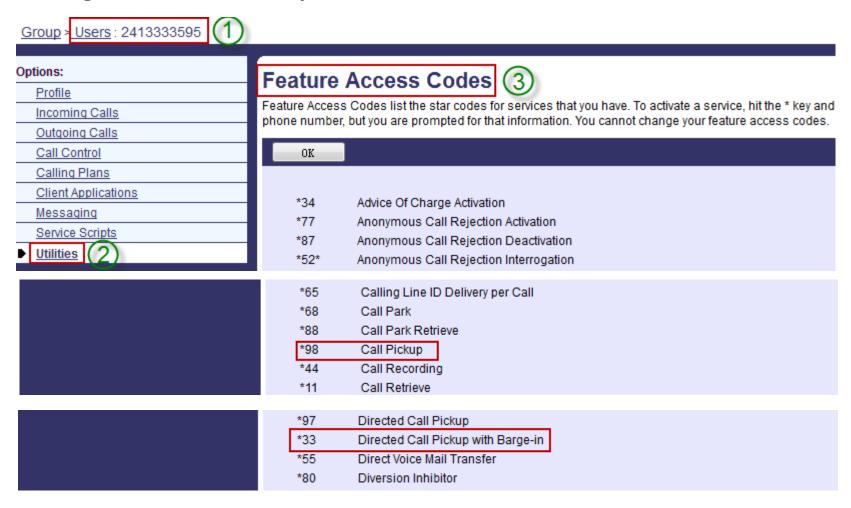




② Configuration on BroadWorks

3. Check the Call Pickup/Barge-in code:

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





3 Configuration on Yealink IP Phones

3 ways to configure BLF list 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

```
##1 Configure the BLF list URI (a SIP URI, or use part of the SIP URI). For
example, "2300 blflist@domain.com" or "2300 blflist".##
account.1.blf.blf list uri = %BWBLF-URI-1%
account.1.blf list code = %BWFAC-DIRECTED-CALL-PICKUP-1%
account.1.blf list barge in code = %BWFAC-DIRECTED-CALL-PICKUP-WITH-
BARGE-IN-1%
##2 Enable or disable the phone to automatically configure the BLF list keys.
##0-Disabled 1-Enabled The default value is 1.##
phone setting.auto blf list enable = 1
##3 Specifies the order of BLF list keys assigned automatically:
# "0": Line Key->Memory Key->Ext Key
       : Ext Key->Memory Key->Line Key The default is 0.##
phone setting.blf list sequence type = 0
```



③ Configuration on Yealink IP Phones

1. Go to page Account → Advanced.
Enter the BLF List URI in the BLF List URI field.

[Optional]

Enter the pickup code in the **BLF List Code** field. Enter the barge-in code in the **BLF List Barge In Code** field. (Refer to page 7 for access codes.)

BLF List URI	blf_3595	?
BLF List Pickup Code	*98	?
BLF List Barge In Code	*33	•
Shared Line	Disabled ▼	?
Dialog-Info Call Pickup	Disabled ▼	?
Direct Call Pickup Code		



4 Notes

```
# Configure BLF list : Line/DSS key light or not in idle status
# "0" : Line /DSS key display solid green in idle status.
# "1" : Line/DSS key don't display in idle status. (The default mode.)
features.blf_led_mode =1
```

Configure via Web:

Browser to Features -> General Information:





4 Notes

Firmware version on IP Phones:

T32(G): 32.70.xx.xx T38(G): 38.70.xx.xx VP530: 23.70.xx.xx

The V70 firmware auto configure BLF List on the available Line Keys while the V71 firmware can choose to configure manually

V70 auto template as follows:

memorykey.1.type = 39

```
#Configure the BLF list URI (a SIP URI, or use part of the SIP URI). For example, #"2300_blflist@domain.com" or "2300_blflist".
account.1.blf.blf_list_uri = %BWBLF-URI-1%
account.1.blf_list_code = %BWFAC-DIRECTED-CALL-PICKUP-1%
account.1.blf_list_barge_in_code = %BWFAC-DIRECTED-CALL-PICKUP-WITH-BARGE-IN-1%
#memorykey.x.line--Configure the desired line to apply the key feature. Line value ranges from 0 to 6
memorykey.1.line =
#39 mean BLF list
```



Enjoy the BLF List feature

