

FAQ Maxwell - Broadsoft Busy Lamp Field (BLF)

Introduction

From software 2.18.3 we have added many additional Broadsoft features.

In the web-interface go to: **Settings - Telephony - Phone System**.

Select "**BROADSOFT**"

The Broadsoft Busy Lamp (BLF) can be configured:

- Manually
- Automatic

Valid for Maxwell

Basic

2

3

4

Broadsoft settings

The Busy Lamp Field settings are done on the Broadsoft platform, without the correct settings, it will not work on the Maxwell.

In Broadsoft, go to the **User - Client Applications - Busy Lamp Field**.

Here you need to create the BLF List URL and the devices you want to monitor.

The Maxwell will subscribe to this BLF list and when successful, the Broadsoft platform will inform the Maxwell about the devices and the status.

The screenshot shows the Broadsoft web interface for configuring the Busy Lamp Field. The top navigation bar includes the Broadsoft logo, service provider information (gigaset), user information (Maxwell3@gigaset.l), and links for Help, Home, Welcome, and Logout. A left sidebar lists various options, with 'Client Applications' selected. The main content area is titled 'Busy Lamp Field' and contains a form for setting the List URI to 'sip: blf_3614 @ gigaset.l'. Below this is a search criteria section with fields for User ID and Starts With, and a search button. The interface is divided into two columns: 'Available Users' and 'Monitored Users'. The 'Available Users' column is currently empty. The 'Monitored Users' column contains a list of users with their names and SIP URIs, such as 'Cousteau, Jacques (N510@gigaset.l)' and 'VonBraun, Wernher (N720@gigaset.l)'. Buttons for 'Add >', 'Remove <', 'Add All >>', 'Remove All', 'Move Up', and 'Move Down' are provided to manage the list. At the bottom of the form are 'OK', 'Apply', and 'Cancel' buttons.

Configure BLF keys manual

When you would like to create the BLF keys manually via the web-interface of the Maxwell, you need to use the following setting.

BLF

BLF URL

blf_3614

BLF create automatically

Yes

No

Setting	Description
BLF URL	The URL like described above, you do not need to add the Domain. In this example: blf_3614 is correct. blf_3614@gigaset.l is wrong.
BLF Create automatically	No if you want to create the BLF keys manually

Setting: **BLF create automatically** is on "**No**"When the BLF URL is entered, nothing will happen. First you need to create the BLF key manually and then the Subscription will be send.

Parameter	Setting	1: 3615	BLF	MaxwellBasic
Function	BLF	Function	BLF	
Connection	The account used	Connection	Max2	
Target number	Broadsoft User-ID	Target number	MaxwellBasic	
Call Pickup Code	The Broadsoft Call Pickup Code	Call Pickup Code	*97	
Display Name	The name visible on the Maxwell display	Display Name	3615	

Configure BLF keys automatic

When you enable the option that the BLF keys are created automatically:

- The Max well will use an free Function key, not confi

BLF

BLF URL

blf_3614

BLF create automatically

Yes

No

BLF call pickup code

*97

- gured by the User and makes this automatic an BLF key.
- It starts with the first free function keys available.
- When a key is already used, it will skip this key and take the next key until all keys are configured or the Broadsoft BLF list is empty.
- The Broadsoft BLF list is leading, also the order of the keys are defined in Broadsoft.
- When the list is changed, a new BLF subscription will update this on your phone automatic, dependent on the timer settings in the device.

Setting	Description
BLF URL	The URL like described above, you do not need to add the Domain. In this example: blf_3614 is correct. blf_3614@gigaset.l is wrong.
BLF Create automatically	Yes, if you want to create the BLF keys automatically.
BLF call pickup code	The Call pickup code of the Broadsoft system. When the BLF key is blinking, you can press the blinking BLF key to take over the incoming call from your college.

Auto provisioning

This functionality is mostly enabled via Broadsoft auto provisioning, see below for the provisioning parameters.

Parameter	Description
Telephony.PhoneSystem.Type	5 = Broadsoft
Telephony.PhoneSystem.BLFURL	Broadsoft BLF URL
Telephony.PhoneSystem.Broadsoft.BLF.AutomaticFKFilling.Enabled	0 = Manual Broadsoft BLF creation 1 = Automatic Broadsoft BLF creation
Telephony.PhoneSystem.Broadsoft.BLF.CallPickupCode	Broadsoft Call Pick up Feature code via blinking BLF key

Example:

```
<param name="Telephony.PhoneSystem.Type" value="5"/>
<param name="Telephony.PhoneSystem.BLFURL" value="%BWBLF-USER-1%"/>
<param name="Telephony.PhoneSystem.Broadsoft.BLF.AutomaticFKFilling.Enabled" value="1"/>
<param name="Telephony.PhoneSystem.Broadsoft.BLF.CallPickupCode" value="*97"/>
```

In this example you see that for the BLF URL an Broadsoft placeholder is used, this can be different behind every Broadsoft system.