poly

BroadSoft Feature Integration

For Poly VVX and CCX Business IP and Media Phones

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Contents

Before You Begin

This guide describes the BroadSoft specific features available on Poly VVX and CCX business IP and media phones and provides sample configurations to enable and use Poly-BroadWorks integrated features. The BroadSoft features described in this guide apply to the following Poly VVX and CCX endpoints:

- VVX 150/250/350/450 business IP phones
- VVX 101/201 business media phones
- VVX 300/301/310/311 business media phones
- VVX 400/401/410/411 business media phones
- VVX 500/501 business media phones
- VVX 600/601 business media phones
- VVX 1500 business media phone
- CCX 400 business media phone
- CCX 500 business media phone
- CCX 600 business media phone
- CCX 700 business media phone
- SoundStructure VoIP Interface

The VVX and CCX phones are access devices that use the SIP to communicate with BroadWorks for call control. These devices run a common software solution referred to as Polycom UC Software.

The following table identifies the BroadWorks release that was tested as compatible with the Polycom UC software version.

BroadWorks Release	Polycom UC Software Version
Release 19 SP1+	5.3
Release 19 SP1+	5.4
Release 20 SP1+	5.5
Release 20 SP1+	5.6
Release 20 SP1+	5.7
Release 21	5.8

Audience, Purpose, and Required Skills

This guide is intended for system administrators familiar with configuring and deploying Poly VVX and CCX phones with the components of the BroadSoft BroadWorks environment.

 You must be familiar with the following concepts before beginning:

- Current telecommunications practices, protocols, and principles
- Telecommunication basics, video teleconferencing, and voice or data equipment
- SIP networks and VoIP endpoint environments
- Previous knowledge of and experience with BroadSoft UC-One components

Make sure you have access to BroadSoft UC-One product documentation.

Privacy Policy

Poly products and services process customer data in a manner consistent with the Poly Privacy Policy. Please direct comments or questions to privacy@poly.com.

Related Poly and Partner Resources

See the following sites for information related to this product.

- The Poly online Support Center is the entry point to online product, service, and solution support information including Video Tutorials, Documents & Software, Knowledge Base, Community Discussions, Poly University, and additional services.

- The Poly Document Library provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.

- The Poly Community provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.

- The Poly Partner Network are industry leaders who natively integrate the Poly standards-based RealPresence Platform with their customers' current UC infrastructures, making it easy for you to communicate face-to-face with the applications and devices you use every day.

- The Poly Services help your business succeed and get the most out of your investment through the benefits of collaboration.

Controlling Dynamic Change with Tags

The template files in BroadWorks Device Management Server (DMS) use tags to represent the data stored on BroadWorks. When a configuration changes for a user, Device Management parses the template files and replaces the Device Management tags with the associated data stored on BroadWorks.

BroadWorks Tags

BroadWorks defines all tags that begin with `%BW`. A few examples of BroadWorks tags include the following:

- `%BWLINEPORT-1%`
- `%BWVOICE-PORTAL-NUMBER%`

For tag definitions, refer to the *BroadWorks Device Management Tag Reference Guide* for your respective BroadSoft Release.

Custom Tags

Any tag that doesn't begin with `%BW` is a custom tag. Custom tags allow you to change values within your device profile templates as needed. Service providers define and create custom tags for use by Device Management.

Custom tags don't have a requirement for naming and are unregulated by Poly or BroadWorks.

When using any attachment to this guide, or when looking at a configuration template provided by a Poly source or third party, make sure you validate the tag. Change the tag name to match the tag name you specified in YOUR DMS tag database or consider adding it.

Sample Configuration File

You can use the PDF attachment titled *All BroadWorks Features - as of UCS 5.6.cfg.template* as a reference to learn how to use predefined and custom tags to enable and use Poly-BroadWorks integrated features.

Setting Up XSI Integration

The phone must authenticate with the Xtended Services Interface (XSI) to access the available features on the BroadWorks server. XSI is a family of BroadWorks APIs that allow you to address resources over HTTP using simple XML.

Do the following:

1 Enable the following parameters to authenticate on the BroadWorks server:

```
dir.broadsoft.xsp.address="%BROADSOFT_XSI_ADDRESS%"
reg.1.auth.userId="SIP username"
reg.1.auth.password="SIP PASSWORD"
reg.1.broadsoft.userId= "%BWLINEPORT-1%@%BWHOST-1%"
reg.1.broadsoft.useXspCredentials="0"
dir.broadsoft.regMap="1"
```

Although many BroadSoft features rely on SIP signaling (SUBSCRIBE-NOTIFY), there are other features, such as the BroadSoft Enterprise Directory, that makes use of the XSI integration. The parameter nomenclature for the XSI server address shown in the preceding configuration (dir.broadsoft.xsp.address="%BROADSOFT_XSI_ADDRESS%) reflects the XSI integration.

2 Define BroadWorks tags and custom tags and add them to the device template files using your BroadWorks Device Management Server administration portal.

3 Enable SIP Authentication on the BroadWorks Xtended Services Platform (XSP)

You must enable the allowSIPauthentication feature on the XSP to support XSI SIP authentication.

- To verify that the allowSIPauthentication feature is enabled, run the following CLI command:
  ```
  XSP_CLI/Applications/Xsi-Actions/BWIntegration/get
  allowSIPAuthentication
  ```

- To enable the allowSIPauthentication feature, run the following CLI command:
  ```
  XSP_CLI/Applications/Xsi-Actions/BWIntegration/set
  allowSIPAuthentication true
  ```

For more details on available CLI commands, refer to BroadSoft's *Xtended Services Platform* documentation.
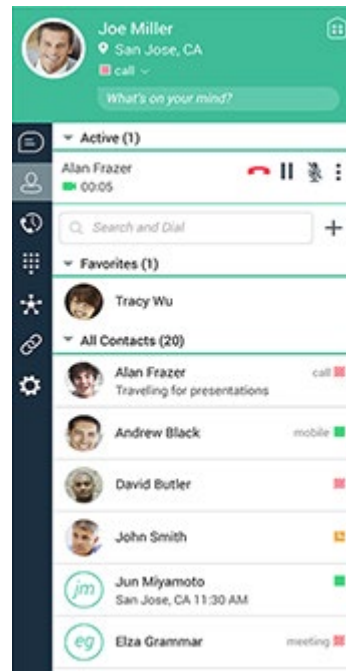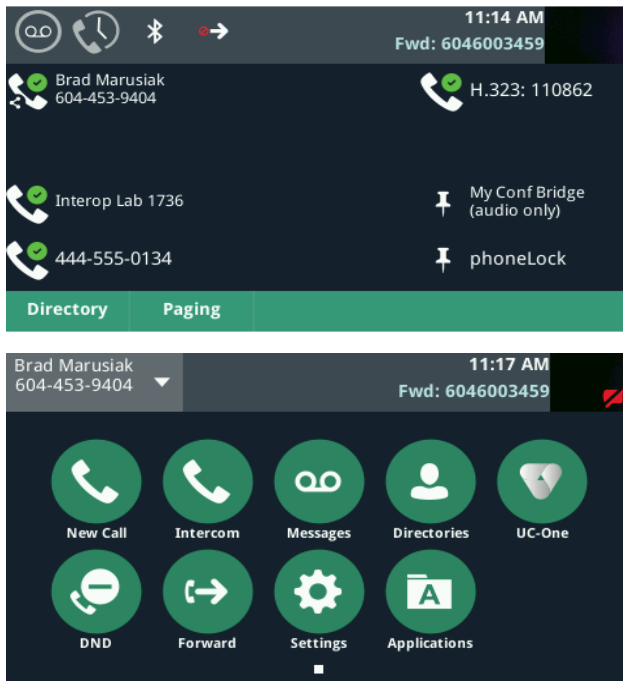
New Features in Polycom UC Software 5.7

BroadSoft Local Interface Theme

You can choose up to three themes:

- Classic (default) – Available on all VVX phones
- Modern – Available only on VVX 5/6xx series phones
- BroadSoft – Available on all VVX phones

The BroadSoft theme is new for this release and includes the color scheme and icons of the BroadSoft BroadTouch Communication desktop and mobile clients. The themes menu is available in **Settings > Basic > Preferences > Themes**.

Parameter	Description
device.theme	Requires that `device.set="1"` and `device.theme.set="1"` are present in the same configuration file. • **Classic** (default) – Uses the classic theme with rounded icons for a three-dimensional look. • **Modern** – Uses the modern look with flat icons and colors. (VVX 5xx & 6xx phones only.) • **BroadSoft** – Uses the color scheme and icons of the BroadSoft BroadTouch Communication desktop and mobile clients.

New Features in Polycom UC Software 5.6

Call Log Synchronization (Basic)

The phone uses the Basic Call Log Synchronization feature to request missed, placed, and received calls from the server rather than from its local call history. This feature allows PC and mobile apps to share call history with the phone.

- Each call list is limited to 20 entries (missed, received, placed) for a total of 60 entries max.
- Call lists are read-only; however, you can save entries to the local contact directory and edit as needed.
- Call lists are requested from the server when a line first registers or when a user accesses a call list screen (such as pressing the Recent softkey).

Note: The basic call log synchronization feature isn't supported on VVX1500.

Parameter	Description
`feature.broadsoft.callLogs`	Synchronizes the call waiting status on the phone with the status on the server. • **Disabled** (default) – Uses the phone's local call history and no synchronization with BroadSoft takes place. • **Basic** – Notifies the phone when the call waiting status changes and updates the server when the user changes the status from the phone. Requires XSI setup. See Setting up XSI Integration.

Synchronized Call Waiting

The phone uses the server-based Synchronized Call Waiting feature to retrieve the call waiting status from the server on startup and set the initial call waiting state. The server manages incoming calls while a user is in an active call. If the user changes the call waiting state when logged in from another device or client using the same account, the phone sends a request to the server to update to the new state.

Parameter	Description
`feature.broadsoft.xsi.callWaiting` `.enabled`	Synchronizes the call waiting status on the phone with the status on the server. • **0** – Call waiting changes are local only and unaffected by call waiting settings on other shared devices/apps. • **1** (default) – Notifies the phone when the call waiting status changes and updates the server when the user changes the status from the phone. Requires XSI setup. See <u>Setting up XSI Integration</u>.

Synchronized Redial

The phone uses the server-based Synchronized Redial feature to redial the last number dialed from any device connected to the same line or registration.

To function, the Synchronized Redial feature requires you to set the Call Log Synchronization parameter to basic (`feature.broadsoft.callLogs="basic"`). See the [Call Log Synchronization (Basic)](#) section for more information.

Parameter	Description
`feature.broadsoft.basicCallLogs` `.redial.enabled`	**0** (default) – Disables the option to redial the last number. **1** – Enables the phone to redial the last number. Uses the last number dialed as stored on the server to initiate a redial. Requires the following parameter setting `feature.broadsoft.callLogs="basic"` Requires XSI setup. See [Setting up XSI Integration.](#)

Enterprise, Group & Personal Directories

The BroadSoft Directories support the following new directories along with the existing Enterprise Directory for the 5.6 release.

- **Enterprise:** This directory is the complete enterprise directory.
- **Enterprise Common:** This directory enables you to view the contact details such as names and phone numbers of common contacts within an enterprise.
- **Group:** This directory enables you to view the contact details such as work, extension, and mobile numbers of contacts. You can place a call to anyone in the user's group within the enterprise.
- **Group Common:** This directory enables you to view the contact details such as names and phone numbers of common contacts from various groups within an enterprise.
- **Personal**: This directory enables you to view the contact details such as names and phone numbers of the contacts in the user's personal directory stored on the server. When this directory is enabled, users can select contacts from the BroadSoft Personal Directory and add to the local directory.
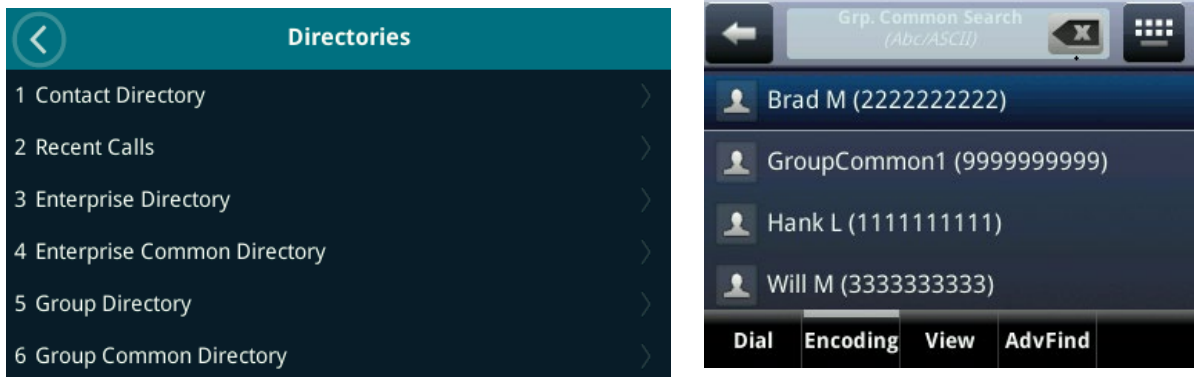
When BroadSoft Directories are enabled, you can remove the Poly XML local directory or hide it so that contacts may still be positioned as speed dials but are not editable.

Enable the Enterprise Directory feature using the following commands:

```
feature.directory.enabled
dir.local.UIenabled
dir.local.readonly
```

Parameter	Description
`feature.broadsoftdir.enabled`	• **0** (default) – Disables BroadSoft Enterprise and Enterprise Common Directory • **1** – Enables the BroadSoft Enterprise and Enterprise Common Directory. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoftGroupDir.enabled`	• **0** (default) – Disables BroadSoft Group and Group Common Directory • **1** – Enables the BroadSoft Group and Group Common Directory service. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoftPersonalDir.enabled`	• **0** (default) – Disables BroadSoft Personal Directory • **1** – Enables the BroadSoft Personal Directory service. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoftdir.showDefaultSearch`	• **0** (default) – Doesn't display contacts when the search box field is empty. Use this setting if network performance is an issue • **1** – Enables the user to view the initial list of contacts for an empty search box.

New Features in Polycom UC Software 5.5

Flexible Seating

The Flexible Seating feature extends the existing BroadSoft Hoteling feature into a true hot-desking capability. You can configure host phones to allow users to log in to their registered phone line remotely. After the user logs in, the user's configurations are replicated to the host phone. The user's registered phone line is then active on both the primary phone and the host phone.

BroadWorks Flexible Seating feature and Hoteling feature are similar where both features allow a device to associate with a separate user's profile. However, Flexible Seating uses a different licensing model and allows the phone to be provisioned with the guest's profile settings. The Flexible Seating host is a virtual subscriber that doesn't use a BroadWorks user license. The Flexible Seating guest user license is the only license required for deploying the feature.

Flexible Seating allows a user to log into a phone configured as a host and have "their" settings applied to that phone. Within BroadWorks, a guest profile is created that can match the regular profile. When logging in, this guest profile is used to change the configuration settings of the host phone. Any BroadSoft contact information, any features that are configured (including BLF lines) appear on the host phone. From that point on the phone behaves exactly as if it were the user's regular phone. Calls to the user's regular number alert on that phone, and any calls made have the user's regular call ID.

The Flexible Seating feature and the Hoteling feature use SIP signaling with a subscription to the Hoteling-event package. XSI isn't used.

Login

- A flexible seating host phone can't make calls until a user logs in (since it has no license applied). It must be assigned to the BroadSoft Flexible Seating host service.
- The user logging in must be assigned to the BroadSoft Flexible Seating guest service.
- A user can log into a phone model that is only the same as their regular phone model (governed by the BroadSoft device type).
- Depending on host access setup, Enterprise or Group, the Guest In softkey may be limited to a host within the same BroadSoft Group.

Logout

- May be configured to require an unlock pin.
- May be configured with a timeout (using the BroadWorks Server admin portal).
- Defaults to 12 hours (min 1 hour, maximum 24 hours). This timer starts on login.

Parameter	Description
`feature.hoteling.enabled`	• **1** (default) – Enables all hoteling features. Must be 1 to enable either Hoteling or Flexible Seating and to display the `GuestIn` and `GuestOut` softkeys. • **0** – Disables Hoteling and/or Flexible Seating.
`hotelingMode.type`	The recommended BroadWorks tag is: `%BWHOTELINGMODE-1%` • **-1** (default) – The parameter doesn't exist on the BroadSoft server. • **0** – Disables both Flexible Seating and Hoteling on the BroadSoft Device Management Server (DMS). • **1** – Enables Hoteling. • **2** – Enables Flexible Seating but guest isn't logged in. • **3** – Enables Flexible Seating, and guest is logged in.
`hoteling.reg`	The recommended BroadWorks tag is: `%BWHOTELINGLINE-1%` • **1** (default) – Values may be 1 to 34 which specifies the registration index on the host phone that hosts the guest line.
`fs.unLockPhone.pin`	The recommended BroadWorks tag is: `%BWFLEXIBLESEATINGUNLOCKPIN-1%` • **NULL** (default) • **4 to 10 digits** – Sets a security pin for the Flexible Seating guest line on the host phone.

Executive-Assistant

The Executive Assistant feature allows a system administrator to assign users as executives or assistants for private or shared lines. Executives can use call filtering to send calls directly to an assistant's phone to answer. Executives and assistants can also use screening to allow the executive to decide whether to accept the call or allow an assistant to manage the call on their behalf.
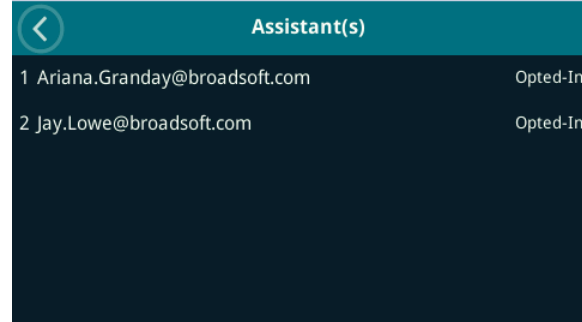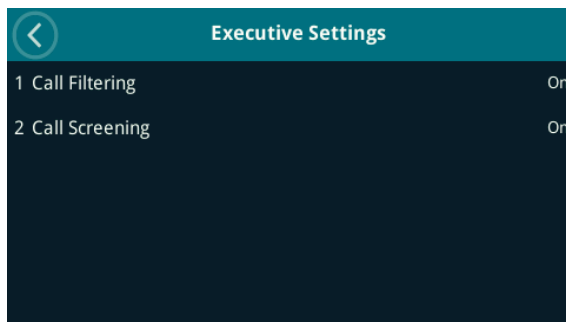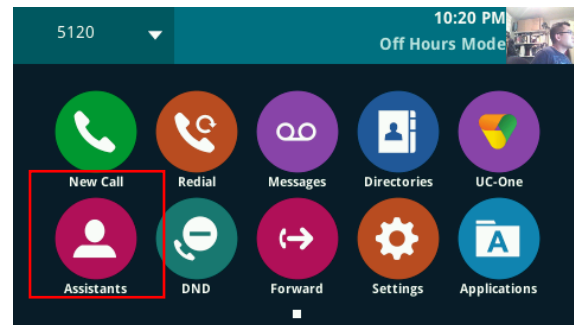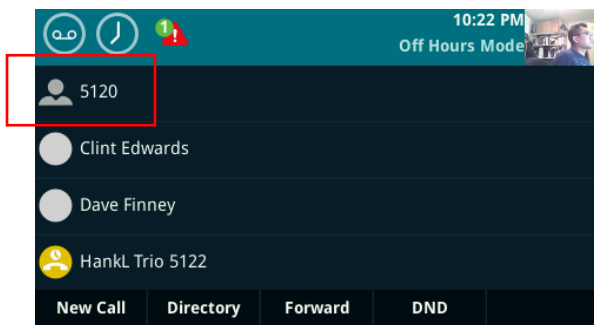
The feature also allows an assistant to initiate a call on behalf of an executive. In this case, the receiving party sees the call as coming from the executive, and for an executive to barge in (silently or otherwise) to a call that the assistant is managing on their behalf.

Use the BroadWorks portal to enable the following services:

- Executive Service for private and shared executive lines
- Executive-Assistant Service for private and shared assistant lines

There are several ways to set up the executive and assistant lines:

- A private executive line with an assistant also using a private line
- A shared executive line with an assistant using a private line
- A shared executive line with a shared line alias on the assistant's phone
  - ◆ You must create the shared line as a shared location of a line with the Executive Service on the BroadWorks server
  - ◆ The primary line registration is a private line for the assistant, and the secondary registration is a shared line for the executive

Parameter	Description

Parameter	Description
`feature.BSExecutiveAssistant.enabled`	• **0** (default) – Disables the Executive-Assistant feature. • **1** – Enables the Executive-Assistant feature Requires XSI setup. See <u>Setting up XSI Integration</u>.
`feature.BSExecutiveAssistant.regIndex`	The registered line assigned to the executive or assistant for the BroadSoft Executive-Assistant feature. • **1** (default) **to 255** – The registered line for the Executive or Assistant. A line icon for the role specified by the parameter `feature.BSExecutiveAssistant.userRole` displays even if you don't assign an Executive-Assistant service to a line in the BroadSoft portal. Make sure that the services assigned to the line match the user role.
`feature.BSExecutiveAssistant.userRole`	Executive and Assistant roles are mutually exclusive on a phone • **Executive Role** (default) – Sets the registered line as an Executive line. • **Assistant Role** – Sets the registered line as an Assistant line.

Shared Call Decline

You can use the Shared Call Decline feature to enable users to reject calls to a shared line. By default, users can't reject calls to a shared line on Poly phones. When you enable this feature, and a user rejects a call to the shared line, the call is rejected on all phones registered with the shared line.

Parameter	Description
`call.shared.reject`	• **0** (default) – Doesn't display the Reject softkey. Shared lines receiving a call may only silence a ringing call. • **1** – Displays a Reject softkey to reject an incoming call to a shared line.

Features from Earlier UC Software

Do Not Disturb and Call Forwarding Synchronization

You can use the Do Not Disturb (DND) and Call Forwarding Synchronization feature to allow the phone and server to share the state of DND and Call Forwarding. A user can change the settings for DND and Call Forwarding from any portal or device and the state is reflected on all other portals and devices.

This feature uses SIP subscribe-notify messages and the SIP AS-Feature-Event header to send messages to and from the phone.

Parameter	Description

`reg.`*`x`*`.serverFeatureControl.cf`
 	
`voIpProt.SIP.serverFeatureControl.cf`
	When configuring on a per line basis, the x in the `reg.x.*` parameter is an integer from 1 to 34 indicating which line index to use.
	
	• **0** (default) – Disables the Synchronized Call Forwarding feature.
	• **1** – Enables the Synchronized Call Forwarding feature. The phone will attempt to subscribe to the server for state information.

`reg.`*`x`*`.serverFeatureControl.dnd`
 	
`voIpProt.SIP.serverFeatureControl.dnd`
	When configuring on a per line basis, the *x* in the `reg.x.*` parameter is an integer from 1 to 34 indicating which line index to use.
	
	• **0** (default) – Disables the Synchronized DND feature.
	• **1** – Enables the Synchronized DND feature. The phone will attempt to subscribe to the server for state information.

Enhanced Call Park

You can use the Enhanced Call Park feature to provide audio and visual notifications that inform users when a call is parked on their line (private or shared) or a line they monitor. Users can park calls using a star code that includes a contact's extension from any phone on the network.

Parameter	Description
`reg.x.enhancedCallPark.enabled`	• **0** (default) – Disables the Enhanced Call Park feature. • **1** – Enables the Enhanced Call Park feature.
`reg.x.lineAddress`	Configures the line extension so that call park notifications are matched to the correct line. • **Null** (default) • Use BroadWorks tag: %BWEXTENSION-1%
`call.parkedCallRetrieveString`	The star code that initiates retrieval of a parked call. Permitted values are star codes. • **Null** (default) • Use BroadWorks tag: `%BWFAC-CALL-PARK-RETRIEVE-1%`
`feature.enhancedCallPark.allowAudio Notification`	• **0** (default) – Disables the audio notifications for parked calls on private and shared lines. • **1** – Enables the audio notifications for parked calls on private and shared lines.

UC-One Presence

You can use the UC-One Presence feature to display colored icons to represent the state of your favorites on the phone. You add favorites using only the BroadTouch Poly Communicator PC client as this feature is read-only from the phone.

Presence uses the XMPP protocol to interact with the BroadSoft IM and Presence server and requires several additional services on the phone (QML, UC-One).
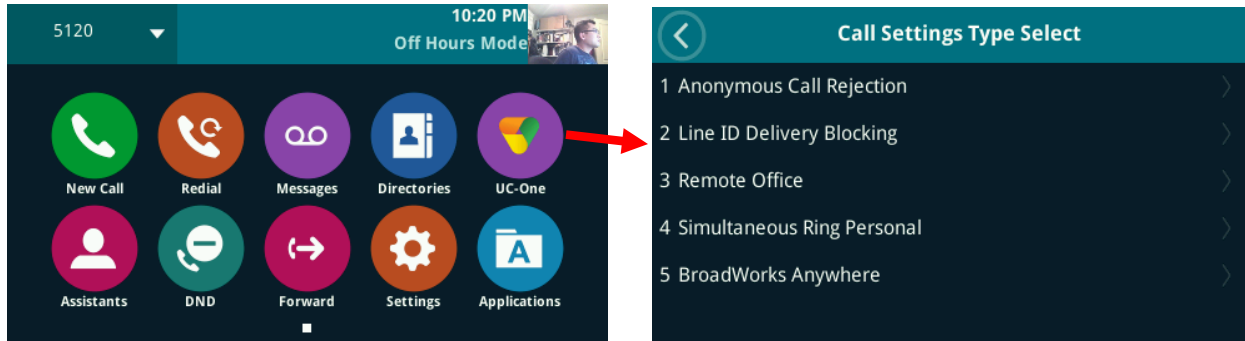
Parameter	Description
feature.broadsoftUcOne.enabled	• **0** (default) – Disables the BroadSoft UC-One feature. • **1** – Enables the BroadSoft UC-One feature.
feature.qml.enabled	QML is a user interface tool required for several UC-One services. • **0** (default) – Disables QML viewer on the phone. • **1** – Enables QML viewer on the phone.
feature.presence.enabled	• **0** (default) – Disables the presence feature including buddy managements and user status. • **1** – Enables the presence feature with the buddy and status options.
xmpp.1.enable	• **0** (default) – Disables XMPP services and ports. • **1** – Enables XMPP services. The phone tries to connect to the XMPP server.
xmpp.1.auth.domain	Identifies the authentication domain used to access the XMPP server. • **Null** (default) • Use BroadWorks tag: %BW_IMP_SERVICE_NET_ADDRESS-1%
xmpp.1.jid	Sets the (Jabber) ID for the user's BroadSoft XMPP account. • **Null** (default) • Use BroadWorks tag: %BW_USER_IMP_ID-1%
xmpp.1.auth.password	Sets the password for the user's BroadSoft XMPP account. • **Null** (default) • Use BroadWorks tag: %BW_USER_IMP_PWD-1%
xmpp.1.server	Sets the BroadSoft XMPP presence server to an IP address, host name, or FQDN. • **Null** (default) • Use BroadWorks tag: %BW_IMP_SERVICE_NET_ADDRESS-1%

UC-One Telephony Applications

You can change the following telephony and productivity services from the phone:

- Remote Office
- BroadWorks Anywhere
- Simultaneous Ring
- Line Id block
- Anonymous Call Reject

Parameter	Description
`feature.broadsoftUcOne.enabled`	**0** (default) – Disables the BroadSoft UC-One feature. **1** – Enables the BroadSoft UC-One feature.
`feature.qml.enabled`	QML is a user interface tool required for several UC-One services **0** (default) – Disables QML viewer on the phone. **1** – Enables QML viewer on the phone.
`feature.broadsoft.xsi.AnonymousCallReject.enabled`	If the service isn't added to the user in BroadWorks, this option doesn't appear on the phone even when enabled. **0** (default) – Disables access to the Anonymous Call Reject feature on the UC-One home screen menu. **1** – Enables access to the Anonymous Call Reject feature if the service has been added to the user by the BroadSoft Administrator. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoft.xsi.BroadWorksAnywhere.enabled`	If the service isn't added to the user in BroadWorks, this option doesn't appear on the phone even when enabled. **0** (default) – Disables and doesn't display the BroadWorks Anywhere feature menu on the phone. **1** – Enables the BroadWorks Anywhere feature menu on the phone. Requires XSI setup. See Setting up XSI Integration.

Parameter	Description
`feature.broadsoft.xsi.LineIdblock.enabled`	If the service isn't added to the user in BroadWorks, this option doesn't appear on the phone even when enabled. • **0** (default) – Disables and doesn't display the Line ID Blocking feature menu on the phone. • **1** – Enables the Line ID Blocking feature menu on the phone. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoft.xsi.RemoteOffice.enabled`	If the service isn't added to the user in BroadWorks, this option doesn't appear on the phone even when enabled. • **0** (default) – Disables the Remote Office feature menu on the phone. • **1** – Enables and displays the Remote Office feature menu on the phone. Requires XSI setup. See Setting up XSI Integration.
`feature.broadsoft.xsi.SimultaneousRing.enabled`	If the service isn't added to the user in BroadWorks, this option doesn't appear on the phone even when enabled. • **0** (default) – Disables and doesn't display the Simultaneous Ring Personal feature menu on the phone. • **1** – Enables the Simultaneous Ring Personal feature menu on the phone. Requires XSI setup. See Setting up XSI Integration.
`homeScreen.UCOne.enable`	• **0** (default) – Disables the UC-One Settings icon to display on the phone Home screen. • **1** – Enables the UC-One Settings icon to display on the phone Home screen. Requires XSI setup. See Setting up XSI Integration.

Call Recording

You can use the Call Recording feature to record audio calls to a USB device connected to the phone. You can play back recorded audio on the phone or use an audio application on the computer. To use this feature, you must enable the USB port.

Audio calls are recorded in .wav format and include a date/time stamp. The phone displays the recording time remaining on the attached USB device, and users can browse all recorded files using the phone's menu.

Although the phone may record calls to a USB device, the BroadSoft server can also forward an audio stream to a third-party recording service. The phone can provide Start, Stop, and Pause softkeys to control the remotely recorded session.

This feature uses SIP subscribe-notify messages to control messages to and from the phone.

BroadSoft allows the phone to either start recording calls only when requested, always start recording calls, or to automatically start recording calls.

Parameter	Description
`feature.callRecording.enabled`	Controls the appearance of call recording UI elements. If you want to record a call using a remote server, enable either `voIpProt.SIP.serverFeatureControl.callRecording` or `reg.x.serverFeatureControl.callRecording`; otherwise, the phone saves recordings only to the USB. • **0** (default) – Disables audio call recording. • **1** – Enables audio call recording.
`voIpProt.SIP.serverFeatureControl.callRecording`	Enables or disables BroadSoft BroadWorks v20 call recording globally. • **0** (default) **–** Disables the BroadSoft BroadWorks v20 call recording feature for multiple phones. The phone uses local call recording. • **1** – Enables the BroadSoft BroadWorks v20 call recording feature for multiple phones Call Recording is performed by the network. The phone signals when recording starts and stops.
`reg.x.serverFeatureControl.callRecording`	Enables or disables BroadSoft BroadWorks v20 call recording for individual phone lines. This parameter overrides the value set for `voIpProt.SIP.serverFeatureControl.callRecording` • **1** (default) – Enables BroadSoft BroadWorks v20 call recording feature for individual phone lines. • **0** – Disables BroadSoft BroadWorks v20 call recording feature for individual phone lines.

Known Issues

Known issues that may affect integration with BroadSoft features.

Affects Release	Fixed in	Description
5.4.4	5.4.5, 5.5.1, 5.6	VVX sends a blank X.509 certificate when mutual TLS is enabled on the XSI server. Prevents all XSI integration.
5.5.0	5.5.1, 5.6	VVX sends an incorrect authentication header when using SIP credentials to authenticate to a BroadSoft XSP address.
5.4.x, 5.5.x	5.5.2, 5.6	The status of a favorite on the idle screen of the phone can be inconsistent with the status shown in the "My Favorites" selection under "Directories."
5.3.x, 5.4.x, 5.5.x	5.6	The status message of a presence contact can be cleared inadvertently from shared devices if the phone is restarted.
5.3.x, 5.4.x, 5.5.x	5.5.2, 5.6	The parameter `broadsoft.xsi.AnonymousCallReject.enabled` contained a typo and was missing the second "L" in "Call" requiring use of `feature.broadsoft.xsi.AnonymousCalReject.enabled` instead.

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