



# **Poly UC Software 6.1.1**

## **Applies to Polycom VVX Business Media Phones and Poly VVX Business IP Phones**

Poly announces the release of Poly Unified Communications (UC) Software, version 6.1.1. This document provides the latest information about this release.

### **Contents**

<b>What's New</b> .....	<b>2</b>
<b>Security Updates</b> .....	<b>4</b>
<b>Installation</b> .....	<b>4</b>
<b>Version History</b> .....	<b>6</b>
<b>Language Support</b> .....	<b>12</b>
<b>Resolved Issues</b> .....	<b>12</b>
<b>Known Issues</b> .....	<b>14</b>
<b>Updates to Previous Software Releases</b> .....	<b>16</b>
<b>Getting Help and Copyright Information</b> .....	<b>23</b>

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## What's New

Poly Unified Communications (UC) Software 6.1.1 is a release for OpenSIP and Skype for Business deployments. These release notes provide important information on software updates, phone features, and known issues.

### ***Important Note About Use of UC Software in Skype for Business Deployments***

Customers in Skype for Business deployments should only use software releases that Microsoft has qualified or maintenance releases built on a qualified release.

Microsoft qualification may fall behind Poly Generally Available dates for UC Software, hence we request customers to check whether a release has been qualified before deploying new software. For all latest Microsoft qualified releases, visit the [Polycom UC Software for Skype for Business Deployments](#) page for a list of qualified releases.

### ***New Features and Enhancements***

Poly UC Software 6.1.1 includes the following new features and enhancements.

#### ***Plug and Play Provisioning***

Plug and Play provisioning (PnP) enables the user to simply connect the phone to provision and use. The phone triggers the SUBSCRIBE message to a multicast IP address to indicate its availability in the network. Configure PnP using the following parameters:

##### **`voIpProt.SIP.PnP.provisioning`**

0 (default) – Disable PnP provisioning feature.

1 – Enable PnP provisioning feature.

Change causes system to restart or reboot.

##### **`voIpProt.SIP.PnP.multicastAddress`**

Specifies the address for the SUBSCRIBE message to be sent for PnP.

224.0.1.75 (default)

IP Address

Change causes system to restart or reboot.

##### **`voIpProt.SIP.PnP.port`**

Specifies the port for the SUBSCRIBE message to be sent to for PnP.

5060 (default)

0 to 65535 (using 0 sets it to the default 5060)

Change causes system to restart or reboot.

## ***Enhancement to uaCSTA***

Poly UC software 6.1.1 now supports configuring a single line to act as both SIP line and CSTA line on the VVX phone.

### **reg.x.server.y.specialInterop**

Specifies the server-specific feature for the line registration. When you set this parameter to CSTA and **reg.x.csta=1**, a CSTA icon displays on the phone.

standard (Default)

If **reg.x.csta="1"** is configured, the phone works for single line type CSTA.

## ***Configuration File Enhancements***

The following list provides configuration file enhancements that include new or changed parameters for the Poly UC Software 6.1.1 release. For more information on using configuration parameters to enable or disable features, see the latest *Polycom UC Software Administrator Guide* for your release, available at [Latest Polycom UC Software Release](#).

### **feature.ResetHostSettings.enabled**

1 (default) – Enables the settings when the device switched to guest mode.

0 – Disables the settings when device switched to guest mode.

### **voice.ns.hd.nonStationaryThresh**

Sets the Acoustic Fence noise suppression threshold for headsets. A lower value allows more background sound to enter, and a higher value suppresses background noise. High values can suppress the speaker's voice and impact far-end audio quality.

1 to 10

8 (default)

### **log.render.file**

When you enable this option, the phone first writes log files directly into its flash memory. The contents of the flash memory upload to a provisioning server after a predetermined period of time or when the flash memory becomes full. Poly recommends not changing this parameter.

1 (default) – Disabled

0 – The phone is prevented from uploading its contents from memory to the server. Disabling the ability to upload log files is recommended only when necessary to reduce data traffic when the phone starts or reboots.

**up.rearUsbPort.lowPowerAlert.enabled**

1 (default)

0 – Low power alert for rear USB port is not shown when phone is connected to Class-0 PoE.

Change causes system to restart or reboot.

**voIpProt.SIP.releaseOnSipFrag100Trying.enable**

0 (default) – Disabled

1 (Enable) – VVX phone sends the BYE on SIPFrag 100 Trying NOTIFY

**nat.device.pollInterval**

Set the time interval for the phone to send STUN binding request to the STUN server to detect whether NAT device is rebooted.

60 seconds (default) - The phone sends the STUN binding requests to the STUN server for every 60 seconds. If NAT IP address or the port details in the STUN binding response don't match with the previous binding response, the phone automatically restarts.

0 - The phone doesn't check whether NAT device is rebooted. If NAT device is rebooted and the NAT IP address or the port is changed, the phone doesn't receive any incoming messages as the IP address and port details published in SIP register message don't match. You need to restart the phone manually to make the changes effective. Poly recommends not to set the value as 0 second.

900 seconds

## Security Updates

See the [Polycom Security Center](#) for information about known and resolved security vulnerabilities.

## Installation

Consider the following information when installing or updating to Poly UC Software 6.1.1:

- You must use BToE 4.2.0 or later with UC Software 6.1.1. Poly recommends that you upgrade existing BToE and PDC desktop applications to the latest version starting with Poly UC Software 6.1.1. If you update the BToE or PDC application without updating to UC Software 6.1.1 or vice versa, the applications don't work with Poly phone.

For more information, see *Updating to the Latest Versions of the Polycom Better Together over Ethernet (BToE) and Polycom Desktop Connector (PDC) Desktop Applications (EA 318)*.

## Download the Distribution Files

To download UC Software 6.1.1, you can choose the combined UC Software package or the split UC Software package, both in ZIP file format. The combined version contains all files for all phone models. The split software package is smaller, downloads more quickly, and contains sip.ld files for each phone

model. This enables you to choose provisioning software for your phone model and maintain software versions for each model in the same root directory.

For general use, Poly recommends using the split resource file that corresponds to the phone models for your deployment. To match the correct UC software resource file to your phone model, see the table Error! Reference source not found. table. If you're provisioning your phones centrally using configuration files, download the corresponding resource file and extract the configuration files to the provisioning server. Make sure that you maintain the folder hierarchy in the ZIP file.

The current build ID for the sip.ld and resource files is UCS 6.1.1.2670 rts51.

## ***Understand the Combined and Split ZIP Files***

To understand the files distributed in the combined ZIP file, refer to the following table.

### **Understand the Combined and Split ZIP Files**

<i>Distributed Files</i>	<i>File Purpose and Application</i>	<i>Combined</i>	<i>Split</i>
3111-40250-001.sip.ld	SIP application executable for VVX 101 business media phones.	No	Yes
3111-40450-001.sip.ld	SIP application executable for VVX 201 business media phones.	No	Yes
3111-48300-001.sip.ld	SIP application executable for VVX 301 business media phones.	No	Yes
3111-48350-001.sip.ld	SIP application executable for VVX 311 business media phones.	No	Yes
3111-48400-001.sip.ld	SIP application executable for VVX 401 business media phones.	No	Yes
3111-48450-001.sip.ld	SIP application executable for VVX 411 business media phones.	No	Yes
3111-48500-001.sip	SIP application executable for VVX 501 business media phones.	No	Yes
3111-48600-001.sip	SIP application executable for VVX 601 business media phones.	No	Yes
3111-48810-001.sip.ld	SIP application executable for VVX 150	No	Yes
3111-48820-001.sip.ld	SIP application executable for VVX 250	No	Yes
3111-48830-001.sip.ld	SIP application executable for VVX 350	No	Yes
3111-48840-001.sip.ld	SIP application executable for VVX 450	No	Yes
3111-33215-001.sip.ld	SIP application executable for SoundStructure VoIP Interface phones.	No	Yes

<i>Distributed Files</i>	<i>File Purpose and Application</i>	<i>Combined</i>	<i>Split</i>
3111-17823-001.dect.ld	SIP application executable for VVX D60 Wireless Handset and Base Station.	No	Yes
sip.ld	Concatenated SIP application executable.	Yes	No
dect.ver	Text file detailing build-identifications for the VVX D60 handset.	Yes	Yes
sip.ver	Text file detailing build-identifications for the release.	Yes	Yes
000000000000.cfg	Master configuration template file.	Yes	Yes
000000000000-directory~.xml	Local contact directory template file. To apply for each phone, replace the (zeroes) with the MAC address of the phone and remove the ~ (tilde) from the file name.	Yes	Yes
Welcome.wav	Startup welcome sound effect.	Yes	Yes
LoudRing.wav	Sample loud ringer sound effect.	Yes	Yes
Polycom-hold.wav	Sample ringer sound effect.	Yes	Yes
Warble.wav	Sample ringer sound effect.	Yes	Yes
polycomConfig.xsd	Master configuration file that contains the parameters and its values.	Yes	Yes

## Version History

This following table lists the release history of Poly Unified Communications (UC) Software.

### Version History

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
6.1.1	December 2019	This release includes important field fixes and support for the following features: <ul style="list-style-type: none"> <li>• Plug and Play Provisioning (PnP)</li> </ul>
5.9.5	October 2019	This release includes important field fixes and support for the following features: <ul style="list-style-type: none"> <li>• Introduction of new parameters to Session Traversal Utilities for NAT</li> <li>• New parameter for Dual-Tone Multi-Frequency Tones for OPUS codec</li> </ul>
5.9.4	September 2019	This release includes important field fixes and support for the following features: <ul style="list-style-type: none"> <li>• Third-Party Application ID Implementation on Skype for Business Phones</li> <li>• Sign In Remotely Using Web Sign-In for Skype for Business</li> </ul>

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
6.1.0	August 2019	<p>This release includes important field fixes and support for following features:</p> <ul style="list-style-type: none"> <li>• Reverse Name Lookup for OpenSIP</li> <li>• Call Park Reminder Tone</li> <li>• Microsoft Exchange Calendar using OAuth support</li> <li>• Enhanced IPv6 ICMP Management</li> <li>• Session Management on Web Configuration Utility</li> <li>• Macro for Enhanced Feature Keys Functional Improvements</li> <li>• Support for Plantronics Headsets</li> <li>• Software Upgrade Resiliency</li> <li>• STUN Parameters</li> <li>• New Language support</li> <li>• Polycom Acoustic Fence Support</li> <li>• Data Protection Menu</li> <li>• Call and Hold Timer Configuration</li> <li>• DTMF Improvements for Opus Codec</li> </ul>
5.9.3	July 2019	<p>This release includes the following new and enhancement features:</p> <ul style="list-style-type: none"> <li>• DHCP IP Address Cache</li> <li>• TLS Support for BToE</li> <li>• Polycom Cloud Connector</li> <li>• Enhancement to Wi-Fi Settings</li> </ul>
5.8.4	May 2019	<p>This release includes enhancements to Wi-Fi settings and other important security fixes.</p>
6.0.0	April 2019	<p>This release includes important field fixes and support for the following features:</p> <ul style="list-style-type: none"> <li>• Guest Soft Key Customization</li> <li>• Plantronics Headset Settings</li> <li>• TLS Support for BToE</li> <li>• Improved Flexible Line Key Assignments for Static BLFs and Enhanced Feature Keys</li> <li>• Font Size Customization</li> <li>• Enhanced Feature Keys – BLF Support</li> <li>• Advanced uaCSTA</li> <li>• VVX Pagination</li> <li>• Key System Emulation</li> <li>• DHCP IP Address Cache</li> </ul>
5.9.2	March 2019	<p>This release includes important field fixes.</p>
5.6.5	March 2019	<p>This release includes important field fixes.</p>
5.8.3	January 2019	<p>This release includes important field fixes.</p>
5.9.1	January 2019	<p>This release includes enhancement to VLAN ID and Wi-Fi dongle support.</p>

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
5.9.0	December 2018	<p>This release includes important field fixes and support for the following features:</p> <ul style="list-style-type: none"> <li>• Session Traversal Utilities for NAT (STUN)</li> <li>• Device Analytics Support for PDMS-SP</li> <li>• Multilevel Precedence and Preemption (MLPP) for Assured Services - Session Initiation Protocol (AS-SIP)</li> <li>• Support for H.264 Packetization Mode</li> <li>• Enhanced Busy Lamp Field (BLF)</li> <li>• Busy Lamp Field Hold Alerting</li> <li>• Busy Lamp Field (BLF) Spontaneous Call Appearance on Per BLF Basis</li> <li>• Enhanced Feature Key Macro Actions</li> <li>• Retrieve Logs from Support Information Package Page in the Web Configuration Utility</li> <li>• Simple Certificate Enrollment Protocol</li> <li>• Privacy for Call Logs and Contacts</li> <li>• Enhancement to Wireless Network Connectivity</li> <li>• Call Hold Timer</li> <li>• GZIP Encoding of SIP INFO Messages</li> <li>• Enhanced Boss-Admin for VVX phones</li> <li>• Web Sign In for Skype for Business On-Premise Deployment</li> </ul>
5.8.2	November 2018	This release includes important field fixes.
5.7.4	November 2018	This release includes important field fixes.
5.6.4	October 2018	This release includes important field fixes.
5.8.1	September 2018	<p>This release includes important field fixes and support for the following features:</p> <ul style="list-style-type: none"> <li>• Polycom EagleEye Mini Camera Support</li> <li>• Forward Error Correction</li> <li>• Simulcast Video</li> <li>• Centralized Conference Control Protocol (CCCP) Conference View Support</li> <li>• Quality of Service (QoS) for Skype for Business Video Calls</li> <li>• Toggling Between audio-only or Audio-Video Calls</li> </ul>
5.7.3	September 2018	This release includes important field fixes.
5.6.3	June 2018	<p>This release includes important field fixes and enhancement to include the following new directives to upload and download the certificate and CSV files</p> <ul style="list-style-type: none"> <li>• CERTIFICATE_DIRECTORY</li> <li>• FLK_DIRECTORY</li> </ul>



<i>Release</i>	<i>Release Date</i>	<i>Features</i>
5.8.0	June 2018	<p>This release includes support for the following features:</p> <ul style="list-style-type: none"> <li>● Introducing Polycom VVX business IP phones</li> <li>● OpenSIP Enhancements <ul style="list-style-type: none"> <li>➢ Enhanced IPv4 ICMP Management</li> <li>➢ Wireless Network Connectivity</li> <li>➢ Support for REST API</li> <li>➢ Uploading Logs to a USB Flash Drive</li> <li>➢ uaCSTA Lines</li> <li>➢ Enhancements to Check Sync Event</li> <li>➢ Early Media Call Handling Support</li> <li>➢ Voice Quality Monitoring Support for the OPUS Codec</li> <li>➢ BroadSoft Aggregated Self-Presence</li> </ul> </li> <li>● Skype for Business Enhancements <ul style="list-style-type: none"> <li>➢ Hybrid Line Registration</li> <li>➢ Support for PSTN Gateway on Failover</li> <li>➢ Reverse Name Lookup</li> </ul> </li> </ul>
5.7.2	May 2018	This release includes important field fixes.
5.6.2	April 2018	This release includes important field fixes.
5.7.1	March 2018	This release includes important field fixes and enhancement for Direct Inward Dialing number on VVX business media phones.
5.5.4	January 2018	This release includes important field fixes.
5.7.0	December 2017	<p>This release includes support for the following features:</p> <p><b>Open SIP Enhancements</b></p> <p>This release introduced support for BroadSoft User Interface theme, Executive-Assistant Enhancements, Custom BroadSoft Executive-Assistant Enhanced Feature Keys, Client-Side Sorting for Open LDAP servers, Securely Store LDAP Credentials on VVX phones, Voice over Secure IP. Hide the MAC Address, Enhanced E.911, DNS Cache Override, Assured Services - Session Initiation Protocol (AS-SIP), Custom URL Location for Installing LDAP server certificates, Emergency Instant Messages - GENBAND, Default Off-Hook Phone screen, Enhanced Feature Keys Enhancements, Bluetooth Support for VVX business media phones, Reset Phone without Admin Password, Prevent Call Park on Busy Orbits, View Phone Memory Usage Alert.</p> <p><b>Skype for Business Enhancements</b></p> <p>This release introduced support for Direct Inward Dialing Number on VVX Platforms, Web Proxy Auto-Discovery (WPAD), Skype for Business SILK Audio Codec, Hot Desking, Common Area Phone User, BToE Widget, Enhancements to Manual Pairing of Phone using BToE.</p>
5.6.1	December 2017	This release includes important field fixes.

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
5.6.0	July 2017	<p>This release includes support for the following features:</p> <p><b>OpenSIP Enhancements</b></p> <p>This release introduced support for FIPS 140-2 Compliance Support, Two-Way Active Measurement Protocol support, Caller ID Display from the SIP Invite, BroadSoft Server-Based Call Waiting, Call Line Identification, BroadSoft Server-Based Redial, Remote Party Disconnect Alert Tone, Support for Siren 7 Audio Codec.</p> <p>The BroadSoft Directory now includes the following new directories:</p> <ul style="list-style-type: none"> <li>• Group and Group Common Directory</li> <li>• Enterprise Common Directory</li> <li>• Personal Directory</li> </ul> <p><b>Skype for Business Enhancements</b></p> <p>This release introduced support for Dial Plan Normalization, Multiple Emergency Number Dial Plan, Skype for Business User Interface Enhancements, Skype for Business Conference Enhancements, Device Lock Enhancements, Profile Picture on Device Lock Screen, Secure Single Sign-On with Third-Party Supporting Solutions, Safe Transfer for Boss-Admin Enhancements, and Busy Options for Incoming Calls.</p> <p><b>VVX D60 Enhancements</b></p> <p>This release introduced support for FLK Support in VVX Business Media Phone with VVX D60, Maximum Number of Handset Registrations, VVX D60 Base Station Pairing Permissions, Mac Address Pairing with VVX D60 Base Station, Continuous Attempt to Re-pair with a VVX D60 Base Station, and VVX D60 Call Handoff.</p>
5.5.3	September 2017	This release includes important field fixes.
5.5.2	May 2017	<p>This release includes the following features and field fixes:</p> <ul style="list-style-type: none"> <li>• Enterprise Directory Default Search</li> <li>• Registration Line Address in Status Bar</li> <li>• Broad Works Anywhere EFK for Soft keys</li> <li>• Hide Contact Directory and Favorites</li> <li>• Personal Directory</li> <li>• BSFT Server-Based Call Logs</li> <li>• New Call Forwarding Icons</li> <li>• Updated Don't Disturb Icon</li> <li>• Expanded Support for USB Headsets</li> <li>• Support Added for CDP in VVX D60 Base Station</li> <li>• ALLOW Header in 18x Provisional Responses</li> <li>• Improved BToE device lock</li> </ul>
5.5.1	September 2016	This release adds enhancements for the distribution list, QoE, device lock, Polycom BToE manual pairing, user log upload, updated UI for VVX 500 and 600, unified contact store, web sign-in for online deployments.

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
5.5.0	June 2016	This release introduced support for BroadSoft Executive Assistant and Flexible Seating, TR-069, the 3GPP Technical Specification, the IPV6 protocol, Off-hook Call Status control, ability to lock the web configuration utility after failed login attempts, and user interface enhancements.
5.4.3	February 2016	This release introduced the Polycom VVX D60 Wireless Handset and VVX D60 Base Station.
5.4.1	December 2015	This release includes support for the following features: <ul style="list-style-type: none"> <li>• Introduced the Polycom VVX 301/311, 401/411, 501, and 601 business media phones</li> <li>• Flexible line key customization for Skype for Business (EFLK)</li> <li>• Master Key Identifiers (MKI)</li> <li>• Shared Line appearance on Lync</li> <li>• BToE for Windows 10</li> <li>• Smart Search for Lync ABS</li> <li>• Support for simplified Chinese font on VVX 101</li> </ul>
5.4.0A	September 2015	This release includes support for the following features: <ul style="list-style-type: none"> <li>• Microsoft Office 365 and Skype for Business Online</li> <li>• Office365 and Skype for Business Provisioning and Manageability</li> <li>• Time and Date Initial Setup</li> </ul>
5.4.0	May 2015	Added support for Alcatel-Lucent CTS features including: <ul style="list-style-type: none"> <li>• Advanced Conference</li> <li>• Shared Call Appearance with Bridge In</li> <li>• Visitor Desk Phone</li> <li>• This release also includes support for the following features: <ul style="list-style-type: none"> <li>• Barge In on Busy Lamp Field Lines</li> <li>• DTMF Relay</li> <li>• SIP Instance</li> <li>• Comfort Noise</li> <li>• Opus Codec</li> <li>• DNS Server Address Override</li> <li>• Global Directory Synchronization</li> <li>• Basic Menu Lock</li> </ul> </li> <li>• Additional features including user interface improvements and resolved known issues.</li> </ul>
5.3.0	March 2015	Includes support for several Lync, BroadSoft, and OpenSIP features.

# Language Support

The VVX phone user interface includes native support for the following languages:

- Arabic, UAE
- Chinese, Traditional
- Chinese, Simplified
- Danish, Denmark
- Dutch, Netherlands
- English, Canada
- English, United Kingdom
- English, United States
- French, Canada
- French, France
- German, Germany
- Italian, Italy
- Japanese, Japan
- Korean, Korea
- Norwegian, Norway
- Polish, Poland
- Portuguese, Brazil
- Russian, Russia
- Slovenian, Slovenia
- Spanish, Spain
- Swedish, Sweden

## Resolved Issues

The following table lists the resolved issues in UC Software 6.1.1.

### Resolved Issues in UC Software 6.1.1

<i>Category</i>	<i>Issue No.</i>	<i>Description</i>
Audio	EN-144443	The sensitivity of Acoustic Fence varies between VVX phones, leading to the Acoustic Fence not muting exterior sounds appropriately or muting the user's voice.
Audio	EN-147367	During a Skype call, the audio is lost from the far end when the network firewall uses port overlapping.
Calendering	EN-152203	VVX phones fail to join a conference when the meeting subject contains special characters.

<i>Category</i>	<i>Issue No.</i>	<i>Description</i>
Calling	EN-142281	VVX phones are unable to synchronize modified Busy Lamp Field (BLF) lines after the lines are changed server-side.
Calling	EN-145543	After a blind transfer, calls from a VVX D60 handset fail and users can't resume the call.
Calling	EN-146265	When a local conference is initiated on a Shared Call Appearance (SCA) phone, a remote SCA phone shows missed calls.
Calling	EN-147364	VVX phones don't send notifications to a Distribution List (DL) group during E911 calls.
Calling	EN-151269	When a call is initiated from a VVX phone, the phone sends DTMF using dynamic payload type 127 even if the far end phone doesn't have DTMF payload support.
Calling	EN-151681	VVX phones reboot while processing the error response for conference calls.
Calling	EN-158840	Emergency calls don't route properly. By default, the parameter <code>lync.E911.notificationUri.expansion.enabled</code> is disabled (= 0). In this case, <code>&lt;method&gt;Manual&lt;/method&gt;</code> doesn't send in the call XML body. When the parameter is enabled, <code>&lt;method&gt;Manual&lt;/method&gt;</code> sends in the call XML body.
Calling	EN-159960	VVX 601 phones place outbound calls without user action.
Device Management	EN-135163	Some USB headsets disable USB functionality when connected to VVX 350 or VVX 450 phones, requiring a phone reboot to recover.
Device Management	EN-137080	VVX phones show a "Cannot charge device" warning message for USB devices when no USB devices are connected.
Device Management	EN-144101	VVX phones fail to transmit audio from a headset if joined to a call through an external Skype for Business meeting in PC Audio/Playback mode.
Device Management	EN-144617	The enhanced feature key (EFK) action string doesn't execute the URL in the browser.
Device Management	EN-145968	VVX phones fail to send all DTMF digits via SIP-info messages configured in a customized soft key (EFK).
Device Management	EN-146026	Multiple configuration parameters are shared by analog and USB headsets.
Device Management	EN-146855	VVX phones fail to complete a consultative transfer using the <b>Transfer</b> hard key when a call is answered through the speaker or a headset.
Device Management	EN-152436	After a guest user signs in, the <b>Device Transfer</b> type changes to <b>Consultative</b> .
General	EN-142949	VVX phones fail to send TCP packets over the network during TCP failover.
General	EN-143686	When a VVX phone receives a call from a saved contact, the contact name doesn't display.

<i>Category</i>	<i>Issue No.</i>	<i>Description</i>
General	EN-144682	The pre-emption tone doesn't play while the call is being pre-empted and receives 480 or 488 response.
General	EN-144876	VVX phones don't use an external conference server for shared lines if a 202 response is received instead of a 200 ok response for a line-seize SUBSCRIBE message.
General	EN-144927	VVX phones don't allow users to set the ring count value to 1 when server-based call forward is enabled.
General	EN-145364	Secure Real-Time Transport Protocol (SRTP) configured parameter values aren't displaying on the VVX phone and system web interface
General	EN-145971	VVX phones continuously play DTMF tones when you press the customized EFK softkey and answer a call through the speaker.
General	EN-151676	VVX phones lose dial plan information during inband refresh.
General	EN-152200	Calendar service fails when using OAuth with proxy.
General	EN-153839	The default value for <code>nat.device.pollInterval</code> changed from 120 to 60.
General	EN-156074	Icons on VVX 300 series phones appear low-contrast. Users can't adjust the contrast for these icons.
Network	EN-145399	VVX phones send the local IP in SDP connections when connected to a 3CX stun server.
Network	EN-145736	When TLS is turned on, VVX phones go to an unregistered state for a short period and then recover to a registered state.
Network	EN-152415	PIN or SSI user sign-in fails after migration if web sign is used immediately after migration.
Security	EN-152763	When TLS-DSK authentication is disabled, VVX phones delay displaying Address Book Service (ABS) search results.
User Interface	EN-141066	VVX 601 phone screens register a continuous screen-touch after a software upgrade.
User Interface	EN-149254	VVX phones using a BroadSoft Receptionist thin client don't work.
User Interface	EN-152768	VVX 501 and 601 business media phones reveal the <b>Favorite</b> submenu which was hidden earlier.

## Known Issues

This section lists the known issues and suggested workarounds for this release and previous releases.



These release notes don't provide a complete listing of all known issues that are included in the software. Issues not expected to significantly impact customers with standard voice and video

conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

### Known Issues

Category	Issue ID	Release	Description	Workaround
Display	EN-159522	6.1.1	When the display name of a user is modified on the Vonage server, the display name will not be updated on the monitored lines.	Modify the monitored line, or delete and add the monitored line.
Audio	EN-143300	6.1.0	Volume change on Plantronics DA90 USB headset with firmware version 1.128 above is not recognized by the volume bar on VVX phone.	No workaround.
Audio	EN-140986	6.1.0	The volume bar moves in the opposite direction if you long press the <b>Volume Up</b> or <b>Volume Down</b> buttons.	Single press the <b>Volume Up</b> and <b>Volume Down</b> buttons instead of using long press.
Call Management	EN-134442	6.1.0	When you enable the hoteling feature on a VVX phone and pair with a VVX D60 base station, you don't receive an incoming call when you dynamically map the guest line to the VVX D60 base station.	Reset the <i>Time out the Hoteling</i> feature at the server.
Configuration	EN-133864	6.1.0	When you import a language settings parameter from the cloud, the parameter setting overrides the language set by the user or through a provisioning server. After resetting the cloud configuration on the phone, the language set from the cloud-imported parameter doesn't change to the previous set language.	Do one of the following: <ul style="list-style-type: none"> <li>Reset the cloud configuration and have users manually set the language of their choice.</li> <li>Import the language settings parameter from the cloud with the same value as set by the user or through the provisioning server.</li> </ul>
General	EN-146018	6.1.0	When you connect a USB headset to a VVX 601 business media phone, the CPU usage may show up intermittently as 100% in the system diagnostic.	No workaround.
Video	EN-140169	6.1.0	In H.323 conferences, the video icon doesn't display if the participants are joining from a RealPresence Group Series system.	No workaround.

# Updates to Previous Software Releases

This section describes the new features and enhancements to previous UC Software releases.

## *What's New in Polycom UC Software 6.1.0*

Polycom Unified Communications (UC) Software 6.1.0 is a release for OpenSIP deployments only. These release notes provide important information on software updates, phone features, and known issues.



Polycom UC Software 6.1.0 isn't supported on the Polycom VVX 300, 310, 400, 410, 500, 600, and 1500 business media phones. Please refer to the End-of-Life product bulletins on Polycom support site for additional details. These models will be removed from the documentation from 6.2.0.

## Reverse Name Lookup

Polycom UC Software 6.1.0 introduces Reverse Name Lookup for OpenSIP platform.



Reverse Name Lookup doesn't support searching for SIP URIs.

Reverse Name Lookup enables the phone to retrieve and display the names of incoming and outgoing calls from supported directory sources, such as an LDAP server and the local contact directory.

The phone displays the names for the following functions:

- Placed calls
- Received calls
- Missed calls

Set the `up.useDirectoryNames` parameter to 1 to use the Reverse Name Lookup.

## Call Park Reminder Tone

When a user parks a call in a user group, a reminder alert tone plays after a designated time interval, if no one retrieves the parked call.

An audio notification plays on the VVX phone when a user parks a call. The user can park the call either on a registration line (private and shared) or a BLF line.

Use the following parameters to configure call park reminder tone:

- `feature.callParkReminder.StartDelay`
- `feature.callParkReminder.RepeatTime`
- `se.pat.misc.callParkReminderTone.inst.x.type`
- `se.pat.misc.callParkReminderTone.inst.x.value`
- `se.pat.misc.callParkReminderTone.inst.x.param`



- `se.pat.misc.callParkReminderTone.x.atten`

This feature is applicable only for BroadSoft.

## Microsoft Exchange Calendar Using OAuth Support

Polycom UC Software enables you to access the Microsoft Exchange calendar using the OAuth 2.0 service for OSIP deployments only.

## Enhanced IPv6 ICMP Management

Polycom phones support IPv6 by enabling the phone to ignore Internet Control Message Protocol (ICMP) redirect requests for an alternate path from the router or gateway.

Use the following parameters to configure the IPv6 protocol on the phones:

- `device.icmp.ipv6IcmpIgnoreRedirect`
- `device.icmp.ipv6IcmpIgnoreRedirect.set`

## Session Management on the Web Configuration Utility

Polycom UC Software introduces session management on the Web Configuration Utility to enhance phone security.

You must log in to the Web Configuration Utility when the idle session times out as configured.

With session management, you can configure the following:

- The maximum number of sessions
- Session expiration time period

Use the following parameters to configure session management:

- `httpd.cfg.session.maxSessionAge`
- `httpd.cfg.session.maxSessions`

## Macro for Enhanced Feature Keys Functional Improvements

Polycom UC Software 6.1.0 introduces the new internal key functions for enhanced feature key macros.

## Support for Plantronics Headsets

Polycom UC Software supports the following Plantronics headsets and the PLT Hub software on VVX 401, 411, 501, and 601 business media phones and on VVX 250, 350, and 450 business IP phones.

The following table shows the supported Plantronics headsets along with the Product IDs. This list is specific to PLT-Hub functionality used to support config control on VVX phones.

Headset Name	Product ID
Blackwire 3225	0xC058

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Blackwire 5220

0xC053

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Refer to the Plantronics Hub software client to determine the Product ID of your headset.

By default, this feature is disabled. To enable this feature, set the `usb.headset.config.enabled` parameter to 1.

Refer to the Plantronics Hub software client to determine the Product ID of your headset.

## Software Upgrade Resiliency

Polycom UC Software 6.1.0 supports software upgrade resiliency to configure the number of attempts a VVX phone uses to update the UC Software.

Use the following parameter to configure the number of attempts for a software upgrade:

- `device.prov.abortSWUpgradeAfterFailures`

## Session Traversal Utilities for NAT (STUN) Parameters

Polycom UC Software 6.1.0 introduces the following new parameters for Session Traversal Utilities for NAT (STUN):

- `nat.device.pollInterval`

## Language Support

Polycom UC Software 6.1.0 adds the following languages on the VVX phone user interface:

- Czech
- Hungarian
- Romanian

## Polycom Acoustic Fence Support

Polycom UC Software 6.1.0 supports Acoustic Fence on USB headsets for Polycom VVX 350, 450 business IP phones and VVX 401,411,501 and 601 business media phones.

Following are the headsets that support Acoustic Fence:

- Plantronics Blackwire C5220 USB headset
- Plantronics Blackwire C5210 USB headset
- Plantronics Blackwire C3220 USB headset
- Plantronics Blackwire C3210 USB headset
- Plantronics Savi W420 Binaural USB Wireless Headset

## Data Protection Menu

Polycom UC Software 6.1.0 allows you to restrict a user to access the menus that remove data from the phone or prevent uploading the call logs to the server.

## Call and Hold Timer Configuration

Polycom UC Software 6.1.0 allows the phone to configure to display the call and hold timer in “ssss” seconds format instead of mm:ss format.

## DTMF Improvements for Opus Codec

Polycom UC Software 6.1.0 allows the use of a non-standard sampling rate when Opus is the selected codec to prevent problems with the interpretation of Dual-Tone Multi-Frequency (DTMF).

## Security Updates

Please refer to the [Polycom Security Center](#) for information about known and resolved security vulnerabilities.

The following table contains the security updates in UC Software 6.1.0.

### Security Updates

<i>Category</i>	<i>Issue ID</i>	<i>Release</i>	<i>Description</i>
Security	EN-103246	6.1.0	Introduced session management for Web Configuration Utility.

## Resolved Issues

The following table lists the resolved issues in UC Software 6.1.0.

### Resolved Issues

<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
Application	EN-131060	TLS-DSK fails with SHA1 cipher with TLS v1.2.
Application	EN-132580	DUT doesn't update the presence information properly.
Application	EN-132591	VVX phones don't display application endpoint status correctly when you add a favorite contact.
Audio	EN-130974	VVX phones experience a one-way audio issue after a call transfer when you set the <code>voIpProt.SIP.allowTransferOnProceeding</code> parameter to 2.
Call Management	EN-140713	When you connect a VVX phone to the HELD server, the phone doesn't respond with a valid certificate after receiving the request message from the server.
Call Management	EN-118154	When three or more phones share the same line, and two phones try to seize the line, one phone successfully seizes the line, and other phone fails to seize. The remaining phones on the same shared line show idle state even though the first phone is in use.

<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
Calling	EN-126876	During a Skype for Business conference call between VVX phone and RealPresence Group Series system, there are duplicate displays of far end Skype for Business user on RealPresence Group Series system when the far end user pauses the video.
Calling	EN-127733	VVX phones don't show incoming call alerts for busy lamp field when you set <code>reg.1.callsPerLineKey</code> parameter to '1' and other call is in offering state.
Calling	EN-128944	VVX business media phone stores voicemail URI as a default dial string, due to which the subsequent calls made using short press are stored in the voicemail without ringing on the far end.
Calling	EN-132529	VVX phones are unable to make H.323 URL calls to an external number.
Calling	EN-132708	VVX phones fail to dial the number immediately when dialed one or two digits followed by #.
Calling	EN-135934	Upon dialing to an anonymous user from the call list, the phone sends the acknowledgement with spaces in the SIP request-URI causing network congestion.
Calling	EN-136761	VVX phone trims the remote number extension while using the BLF key for pickup calls.
Calling	EN-140389	VVX phone is delaying the call transfer by 20 seconds when Microsoft direct team routing setup is used for O365.
Calling	EN-135147	When the far end user places the call on hold and resume the call, the VVX 411 business media phones and VVX 450 business IP phones crash and reboot.
Calling	EN-141190	VVX phones fail to place a call on hold when using call recording service.
Calling	EN-145196	VVX phone increments CSeq number per transaction, causing phone to receive 500 as a response for BYE.
Certificate Management	EN-139727	Sometimes, SCEP fails to install the intermediate certificate on the phone.
Configuration	EN-135057	The <code>sec.TLS.webserver.ciperlist</code> parameter is changed to restart parameter.
Device Management	EN-138315	When you pair a VVX phone with VVX D60 handset and click either the DND or Call Forward menus on the handset, a "Not supported" message display.
Device Management	EN-116169	VVX D60 base station fails to pair with VVX phone when there is a VLAN change.
Device Management	EN-135105	When USB WIFI dongle is connected to VVX phone, the phone displays "Unsupported USB device attached" error message.

<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
Device Management	EN-136760	When you pair a D60 handset to a VVX phone and receive a call through Automatic Call Distribution (ACD), the first call rings on both the VVX phone and the D60 handset but the second call rings only on the VVX phone.
Device Management	EN-137035	Sometimes, VVX phone fails to complete the consultative transfer.
Device Management	EN-106175	When you pair a VVX phone with VVX D60 handset and click either the DND or Call Forward menus on the handset, a "Not supported" message display.
General	EN-130700	\$FServerACDAgentAvailable\$ macro softkey doesn't work when the agent is on call.
General	EN-132584	VVX phone change to default language after a host user signs in.
General	EN-132714	Busy Lamp Field (BLF) line calls don't work if the entity URI received in BLF NOTIFY isn't same as the REGISTRAR server configured.
General	EN-133655	Polycom VVX 601 business media phones reboot while processing Presence state.
General	EN-134153	VVX phones don't send BLF SUBSCRIBE after failover.
General	EN-136587 EN-142428	When you upgrade the UC Software to version 6.1.0 or downgrade the software from version 6.1.0 to any lower versions, you need to clear the cookies for the Web configuration Utility and login.
Network	EN-101271	When TLS 1.0 is disabled on the Skype for Business server for a Polycom Trio system and the security association fails, subsequent requests are set to TLS-DSK which cause calls to fail.
Network	EN-128934	VVX phones fail to receive the Location Information Server (LIS) from the server.
Network	EN-129941	VVX phone is unable to receive the IP address if voice and data VLAN are configured with equal VLAN IDs.
Network	EN-130445	VVX phones use the <code>device.snmp.serverName</code> parameter even though the <code>tcpIpApp.snmp.address.overrideDHCP</code> parameter is enabled along with the <code>tcpIpApp.snmp.address</code> parameter.
Network	EN-133677	VVX phone is signed in but doesn't receive calls for 10-15 mins when there is a network interruption.
Network	EN-135064	Sometimes VVX phones fail to receive the Location Information Server (LIS) from the server.
Network	EN-140701	VVX phones fail to add Session Description Protocol (SDP) while generating the Session Refresh INVITES.
Network	EN-138209	VVX phone frequently fails if DNS server changes the order of DNS records for registrar or outbound proxy server.

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<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
User Interface	EN-135757	When you change the BroadSoft directory to Enterprise directory string, corresponding translation of Enterprise directory updates the support languages on VVX D60 handset.
User Interface	EN-138503	After adding Russian parking soft key label to the VVX phone, touchscreen and hard keys don't respond properly.
User Interface	EN-136757	When you change the BroadSoft directory to Enterprise directory string, corresponding translation of Enterprise directory updates the support languages on VVX D60 handset.
User Interface	EN-140907	Sometimes, VVX 601 business media phone screen freezes and fails to respond.
Video	EN-139751	VVX phones fail to publish video capabilities in Presence status.

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# Getting Help and Copyright Information

## GETTING HELP

For more information about installing, configuring, and administering Poly products or services, go to [Poly Support](#).

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