Poly Edge B Series IP Phones

These release notes announce the release of Poly Voice Software Lite version 1.0.2 for Poly Edge B Series IP Phones and provide important feature information.

Contents

What's New

These release notes provide information on updates, features, resolved and known issues for Poly Edge B Series IP Phones.

PVOS Lite 1.0.2 includes the following features:

- Support for Enhanced 911 and HTTP-Enabled Location Delivery
- Automatically Import Contact Directory
- Support for GRUUs
- Support for UC Software Group Paging
- Enhanced Wildcard Support in LDAP Searching
- Support for Incoming SIP Calls from Unregistered Sources
- Import Custom Dictionary

Support for Enhanced 911 and HTTP-Enabled Location Delivery

For information about the support for Enhanced 911 and HTTP-Enabled Location Delivery, see E.911 and HELD Support Feature Profile.

Automatically Import Contact Directory

This release adds support for automatically importing a contact directory from the server during startup and updating the directory on demand.

To configure this feature:

1   In the system web interface, go to **User Settings > Phone Book Settings.**

2   Under **Phone Book Settings**, configure the following settings:

ImportURL	Enter a location where a file containing contacts for a phone book can be downloaded either by a user or automatically when the phone is reset. The default is **Not specified**.
AutoImportMethod	Select **System Start** to update the phone book content with the contents of the file specified at **ImportURL** . The default is **Disabled**.
AutoImportRetries	Specify the number of times that the phone tries to download the phone book if failure is encountered. The value allowed is 0 ~ 8. The default is **5**.
AutoImportRemoveLocalEntries	Set this value to **Enabled** to remove the content of the old phone book when a new phone book file is automatically downloaded. The default is **Enabled**.
	If this value is set to **Disabled**, the contents of the old phone book will be kept unless there are duplicate records. If two contacts have the same name (or if no name, the same primary number), they are considered as duplicate records. When using **AutoImportMethod** enabled to update the phone book, any duplicate record is replaced by the content of **ImportURL**.

To update the phone book on demand:

1   On the phone display, go to **Settings > Contacts**.

2   Press the **Import** softkey.

Support for GRUUs

This release adds support for RFC 5627 - Globally Routable User Agent URIs (GRUUs) in SIP sessions.

When this feature is enabled, Poly Edge B phones add the keyword `gruu` into the SIP Supported header. It also adds the `+sip.instance` parameter into the Contact header for SIP REGISTER messages to that SIP server. The SIP server replies to SIP REGISTER messages with SIP 200 OK and includes the `pub-gruu` and/or `temp-gruu` information in the Contact header.

Poly Edge B phones use the GRUU information retrieved from the SIP server, pub-gruu if it exists, otherwise `gruu` or `temp-gruu`, in the Contact header for other SIP messages sent to this server.

To enable this feature:

1. In the system web interface, go to **Service Providers > ITSP Profile*X* > SIP.**

2. In the **Value** column for the `X_SupportGRUU` parameter**,** select the check box.

3. Select **Submit**.

4. Reboot your system when you complete your changes.

Support for UC Software Group Paging

This release provides support for UC Software (Polycast) group paging. Group paging enables users to make pages—one-way audio announcements—to users subscribed to a page group. Any announcements sent to the paging group play through the phone's speakerphone.

Each page group using the OBi format must use a different MulticastAddress and/or MulticastPort number. For the Polycast format, the PolycastGroup ID, the MulticastAddress, or the MulticastPort must be different for different page groups.

Administrators must enable paging before users can subscribe to a page group.

To enable this feature:

1. In the system web interface, go to **IP Phone > Phone Settings**.

2. Under **Page Group*N*, c**onfigure the following settings:

Emergency	Specify whether this page group is an emergency group where paging audio plays regardless of the auto answer settings or the phone's current call status. The default is **Not specified**.
Polycast	Specify whether this page group is using the Polycast format (comparable with other Poly UCS phones) or using the OBi format. The default is **Disabled.**
PolycastListen	Specify whether to **Listen**, as well as **Send**, on this Polycast page group.The default is **Listen**.
PolycastGroup	Multiplexing on this group ID for the Polycast using the same MulticastAddress and MulticastPort. Default is group ID **1**.
MulticastAddress	This must be a valid IPv4 multicast address. The default is **224.1.1.100** for all paging groups.
MulticastPort	Specify the ports that will be used to transmit and receive multicast group pages.

3. Select **Submit**.

4. Reboot your system when you complete your changes.

Note: See the [Poly Edge B Series IP Phones Administrator Guide](#) for a complete list of Page Group parameters.

Enhanced Wildcard Support in LDAP Searching

This release automatically adds the wildcard character ***** before and after the entered search term in LDAP search filters. Now, entering the search for **da** in the First Name field results in the phone sending a search request in the following format:

searchRequest (givenName=*da*).

This search will return results including **Adam, Dave, David, Darren, and Dan**. This feature is enabled by default and cannot be reconfigured.

Support for Incoming SIP Calls from Unregistered Sources

This release allows Edge B to accept inbound TCP connections on the existing TCP port that is used for SIP registration when calls are from other sources.

To configure this feature:

1. In the system web interface, go to **Voice Services > SPN Service.**

2. In the **Value** column for the `X_TcpUserAgentPorts` parameter**,** enter a list of local TCP ports to be used as User-Agent TCP ports which can accept SIP calls via TCP connection. Enter zero (0) to accept incoming SIP calls on the same random local port number used by the SIP registration connection.

3. In the **Value** column for the `X_SendHoldToSameTcpPort` parameter**,** select the check box to enable sending Hold/Resume/End messages for these SIP calls via the current TCP port/connection. The **Default** is **Enabled**. The phone sends new Transaction messages back to the same TCP connection instead of to the Registered TCP connection.

4. Select **Submit**.

5. Reboot your system when you complete your changes.

Import Custom Dictionary

This release adds support for importing any custom language dictionary file to the Poly Edge B phone. The system administrator can load any custom dictionary XML files into the phone using the following method.

To load the custom dictionary file:

1. In the system web interface, go to **System Management > Auto Provisioning > Phone Customization Data Package**.
2. In the **Value** column for the following parameters**,** enter the following information:

Method	When the device downloads the dictionary, for example, System Start or Periodically.
DownloadURL	The URL for the phone to load a .tar file containing the dictionary XML file from the sub-folder **/dict**. For example, http://www.example.com/custom_data.tar. Note: The tar file size limit is 1MB.
MD5CheckSum	The MD5 checksum value of the tar file.
Username	The authentication username, if required, for DownloadURL.
Password	The authentication password, if required, for DownloadURL.

To select the custom language:
1. From the system web interface, the administrator or the user can specify the imported language as the phone's current language by going to **User Settings > User Preferences > Language** and selecting **Custom.**
2. In the **Value** column for the `CustomLanguage` parameter**,** the administrator enters the name of the imported language, for example, Hungarian.
3. From the phone display, the user can select the custom dictionary by going to the menu item **Preferences > Languages,** pressing **Enter** to cycle to the value **Custom,** and then pressing the **Reboot** softkey.

Release History

This section lists the release history of PVOS Lite.

Release History

Release	Release Date	Features
1.0.2	June 2022	This release includes the following features: • Support for Enhanced 911 and HTTP-Enabled Location Delivery • Automatically Import Contact Directory • Support for GRUUs • Support for UC Software Group Paging • Enhanced Wildcard Support in LDAP searching • Support for Incoming SIP Calls from Unregistered Sources • Import Custom Dictionary
1.0.1	November 2021	Maintenance release. Includes the following features: • Call Recording Enhancements • Hold Key Update • Default Input Mode • New Root CA Certificates
1.0.0	October 2021	This is the first release of the product.

Language Support

Poly Edge B Series IP phones support the following languages:

- Czech
- Danish
- Dutch
- English (UK)
- English (US)
- Finnish
- French
- German
- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese (Brazilian)
- Russian
- Serbian
- Simplified and Traditional Chinese
- Slovenian
- Spanish
- Swedish
- Turkish

Products Tested with This Release

Poly products are tested extensively with a wide range of products. The table below lists the products that have been tested for compatibility with this release.

Poly strives to support any system that is standards-compliant, and Poly investigates reports of Poly systems that do not interoperate with other standards-compliant vendor systems.

Poly recommends that you upgrade all your Polycom/Poly systems with the latest software versions. Any compatibility issues may already have been addressed by software updates. See Poly Service Policies for the Current Polycom Intraoperability Matrix.

Note that the following list is not a complete inventory of compatible equipment, but the products that have been tested with this release.

Products Tested with This Release

Product	Tested Versions
Blackwire 33xx and 52xx series headsets (via 3.5 mm connection only)	Blackwire 3300-M: rev5106 Blackwire C5200: rev193
Encore Pro headsets with U10P amplifier cable	N/A
Savi 7200 and 8200 series wireless DECT headsets with APD-80 EHS adapter	Savi 7210: N/A Savi 8220: 3853

Resolved Issues

This section identifies the issues resolved in this release.

IMPORTANT:	These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements 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.

Resolved Issues

Category	Issue ID	
Call Audio	EN-226239	One way audio occurs when the peer changes the codec several times mid-call, for example, from A to B, then back to A.
Call Audio	EN-226376	The DTMF tone continues playing if the phone doesn't receive the ending DTMF packet.
Call Control	EN-226439	Emergency calls may be rejected by the BroadWorks server due to an incorrect value in the **Resource-Priority** header of the SIP INVITE message.
Call Management	EN-217608	When ProxyServerRedundancy, with DNS SRV, is enabled, and the phone failed over to the secondary server, the REGISTER and SUBSCRIBE refresh request and other SIP requests, including INVITE for calls, with the current (secondary) server uses the TCP source port from the attempt to fall back to the primary in the Via and Contact headers and not the TCP source port from the current active TCP socket. After this update the existing SIP registration uses the existing TCP source port, to connect to the secondary server, for REGISTER/SUBSCRIBE refreshes and other SIP requests with the secondary server.
Device Management	EN-226377	Changed the default User password for the system web interface to Empty which means that the User has no access. This update complies with SB-327.

Category	Issue ID	
Directories/Address Books	EN-215647	When an LDAP server and LDAP search is configured and the phone is rebooted, the initial LDAP search query is successful. However, subsequent LDAP search queries fail.
		After this update, all LDAP search queries are successful.

Known Issues

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

IMPORTANT:	These release notes do not provide a complete listing of all known issues for 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	Description	Workaround
Call Control	EN-225505	One way audio occurs when the peer answers a call with a codec payload different to that offered, and the phone does not send audio packets with this payload type.	None

Get Help

For more information about installing, configuring, and administering Poly/Polycom products or services, go to the Poly Online Support Center.

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 is a program where resellers, distributors, solutions providers, and unified communications providers deliver high-value business solutions that meet critical customer needs, 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.

- Poly Lens enables better collaboration for every user in every workspace. It is designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.

- With Poly+ you get exclusive premium features, insights and management tools necessary to keep employee devices up, running and ready for action.

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