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Release Notes for CounterPath Bria 4 *for Windows* CounterPath Bria 4 *for Mac* Version 4.8

April 20, 2017

This document applies to:



Retail client: The yellow client with perpetual license.



SaaS client: The red "Bria Stretto™" client with cloud subscription to CounterPath Stretto.



Branded client: Customized softphone clients.

The softphone client type is identified for each of the features listed in this document.

1 Versions

This document covers the following versions of Bria:

- 4.8.1 released on April 20, 2017
- 4.8.0 released on March 16, 2017
- 4.7.1 released on January 12, 2017
- 4.7.0 released on December 15, 2016
- 4.6.0 released on October 13, 2016
- 4.5.0 released on July 7, 2016

2 System Requirements

Windows

Windows 7, 8, 8.1, and Windows 10.

For Windows 10, installing Anniversary update is recommended; Bria works much nicer on Windows 10 with Anniversary update. To check if your computer has Anniversary update, go to Settings > System > About and check the Version field. Version should be 1607 or higher.

Prerequisites for Windows MSI Install are:

- Microsoft .Net 4.6.2 (<https://www.microsoft.com/en-us/download/details.aspx?id=53345>)

Mac

- Sierra / OS X 10.12
- El Capitan / OS X 10.11
- Yosemite / OS X 10.10

3 Bria 4.8.1 (April 20, 2017)

3.1 Resolved Issues in 4.8.1

This version contains improvements in the stability of Bria and miscellaneous bug fixes including:

[Windows only] Improvements to Windows 10 Interactive Toast Notifications

Toasts now include the name of the person calling as well as their number. For users with multiple SIP accounts, toasts also include the SIP account that the incoming call is received on. (I-6031, I-6032)

Changes to Call Transfer Behavior

When transferring a call, the call is no longer transferred immediately when you select a contact. Set the default action in Preferences to determine whether you see a Call First or Transfer Now button. You can select either action from the dropdown list. Call transfers have reverted back to 4.7.1 behavior. (I-6033)

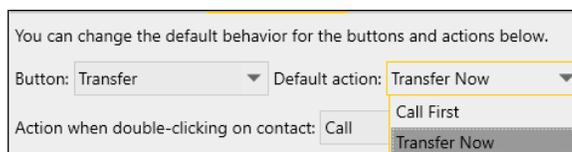


Figure 1: Preferences

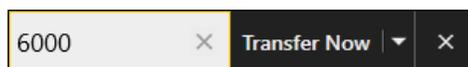


Figure 2: The default action is displayed.

3.2 Known Issues

SIP Presence for Contacts via LDAP/Active Directory

Contacts do not show presence when:

- Using SIP SIMPLE for presence as opposed to XMPP, and
- Contacts are added via LDAP/Active Directory as opposed to manually entering a contact one by one.

There is no plan to support this functionality as of this writing. (I-5792)

Jabra Headsets for Syncing Volume Control

The volume up/down button on Jabra headsets controls the volume as intended when connected through USB. However, when changing the volume on headsets, only the system indicator is synced, displaying the correct volume, but not the volume indicator inside the Bria client.

[Windows Only] Upgrading to Windows 10

After upgrading to Windows 10, you may find that your audio devices/sound have stopped working on Bria. This is due to the audio device changes in Windows 10. If you see this issue, open Bria and configure your device from Softphone > Preferences > Devices. For more details, visit <https://support.counterpath.com/announcement/notice-for-all-bria-4-users-upgrading-to-windows-10>.

[Mac Only] Unable to Type While IM Toast is Present

When you receive an IM and click an IM toast, the Messages window appears. You should be able to start typing right away. In 4.3.0, you cannot do that until all the IM toasts disappear if you receive multiple IMs at once. No issue has been found when receiving only one IM. This is because IM toasts take the focus away from the Messages window.

Workaround: explicitly click the text area in the Messages window where you want to type. (S-1815)

4 Bria 4.8.0 (March 16, 2017)

4.1 New in 4.8.0

Sennheiser Headset Support

Bria 4 works with Sennheiser headsets running Sennheiser HeadSetup™. When you connect a Sennheiser headset to your computer, you will see a badge on the Notification tab informing that a third-party software download is required. (I-4843/S-4073)



Downloading Sennheiser HeadSetup™

To use Sennheiser headsets with Bria 4 clients, the following version of the Sennheiser HeadSetup™ software must be installed on your computer:

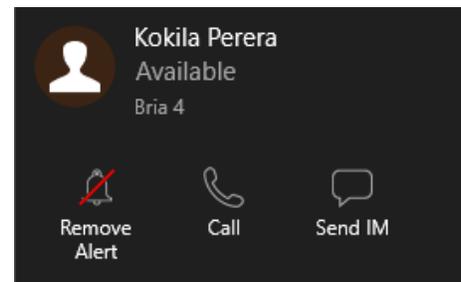
- HeadSetup for Windows 7.0.2931 or later
- HeadSetup for Mac 1.6.3506 or later

Check our [website](#) for a list of Sennheiser headsets tested by CounterPath. Check Sennheiser's sites for the latest information about Sennheiser HeadSetup™ at www.sennheiser.com/headset-software-pc.

[Windows 10] Interactive Toast Notifications

When receiving incoming calls or messages on a Windows 10 computer, you will see a toast right above the Windows task bar where you can take an action right within, such as answer or decline a call, and send a message.

This feature also brings back an ability to remove a contact from the Alert list with one click. (I-5009)



Messaging History Improvements

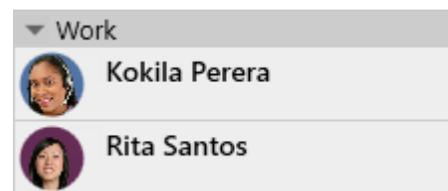
You can use standard keyboard shortcuts for copy and paste of the messages in the Messaging window. For example, on Windows, you can press Ctrl + A to select all, then press Ctrl + C to copy the whole conversation displayed on the window. Bria 4 formats the messages nicely as shown on the right. (I-4897)

[10:29 AM] fchan: Hello
 [11:23 AM] fchan: Hi
 [11:24 AM] Me: Hi what's up

User Interface Improvements

This version includes some UI improvements, such as:

- Round avatars (I-5381)
- For call history, incoming call icons are now in blue to be distinguished from outgoing calls (in green). (I-5625)



4.2 Resolved Issues in 4.8.0

This version contains improvements in the stability of Bria, and miscellaneous bug fixes including:

- Some of our Windows 10 users experienced Bria was not responsive when receiving incoming calls. This issue has been fixed. (I-5489)
- Bria for Windows did not update its Directory tab after information was updated in an Active Directory server. This version contains a fix so the Directory tab syncs periodically with an AD server. (I-5217)
- With Plantronics Savi W740 headset, a connection with the base station remained after a call ended. This version ends a call properly. (I-5374)

5 Bria 4.7.1 (January 12, 2017)

This version contains improvements in the stability of Bria, and miscellaneous bug fixes.

6 Bria 4.7.0 (December 15, 2016)

6.1 New in 4.7.0

Notification for Jabra Headsets



If you are using a Jabra headset, you will see a badge on the Notification tab informing that a third-party software download is required. (I-4626)



Downloading Jabra Software

To use Jabra headsets with Bria clients, you must install Jabra Direct software for Windows and Jabra Suite software for Mac. Check our [website](#) for a list of Jabra headsets tested by CounterPath. Check Jabra's sites for the latest information about Jabra software.

Windows - Jabra Direct: <http://www.jabra.com/software-and-services/jabra-direct>

Mac - Jabra Suite: <http://www.jabra.com/Software-and-services/jabra-suite-for-mac>

Bria Desktop API Improvements



- New API has been added: Get /status "callHistoryItem"
- The response of Get /status "callHistory" now includes a call ID. (I-4863)

Server-side Auto Answer Support



Bria can be instructed to automatically answer a call. Previously the Auto Answer feature was controlled only on the client side. Starting this version, it can be controlled either on the client or server side. (I-2057)

With the Server-side Auto Answer enabled on Bria, when Bria receives an incoming call with a SIP INVITE with the following Call-Info header, Bria will auto-answer the incoming call.

```
Call-Info: <sip:192.168.1.1>;answer-after=0
```

To enable the Server-side Auto Answer feature, provision the following setting to the Bria client. There is no preference on GUI for end users to turn it on/off.

```
proxies:proxyN:use_sip_call_info_to_force_offhook="1"
```

TLS Version Support for XMPP



You can specify a TLS version for XMPP accounts via provisioning. The data type is integer: SSL_V3 = 2, TLS_V1_0 = 3, TLS_V1_1 = 4, TLS_V1_2 = 5, and SSL_HIGHEST = 1000 (default). (I-4888)

```
proxies:proxyN:ssl_version = 1000
```

BroadWorks XSI Integration

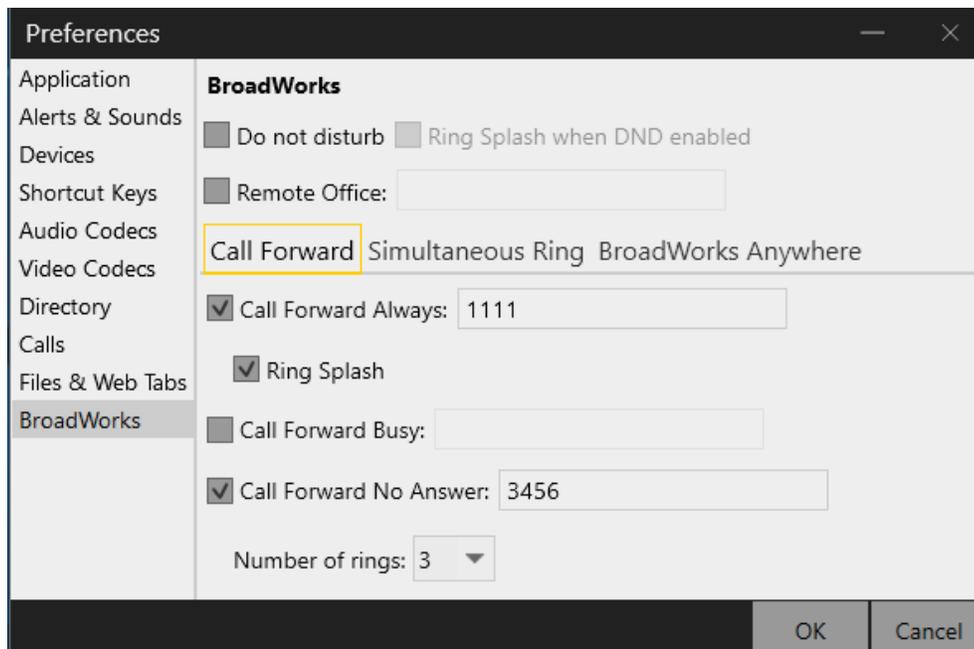


This is an update to our BroadWorks Feature Pack. Bria now connects to the BroadWorks systems using their eXtended Services Interface (XSI) instead of using web tabs. With this update, Bria shows fewer tabs, which contribute to simplified user experience.

You can access various BroadWorks features from the Bria Stretto client or your custom brand, including Network Call History (both basic and enhanced), Network Directory, and Service Management.

If you use the Bria Stretto client, you can enable this feature via provisioning. If you have your own custom brand, ask for this feature to be included when you upgrade to 4.7, and you will be able to control via provisioning.

After you enable this feature for your end users, they will be able to access BroadWorks Service Management features from Bria's Preferences > BroadWorks. (S-3270, I-5019)



Video Enhancements

There have been various improvements on video handling and rendering. (I-4598, 4954)

Changes in Preferences

The following settings have been removed from Bria's Preferences, and no longer provisionable:

Preferences > Devices

- Automatic gain control
- Reduce background noise

Preferences > Calls

- RTP
- Preserve bandwidth

[Windows Only] Change in MSI Prerequisites

Visual C++ Redistributables are now bundled with the install and no longer required as separate prerequisites.

6.2 Resolved Issues in 4.7.0

This version contains improvements in the stability of Bria, and miscellaneous bug fixes.

7 Bria 4.6.0 (October 13, 2016)

7.1 New in 4.6.0

Mac OS 10.12 (Sierra) Support

Bria adds Mac OS 10.12 support.

Windows 2-in-1 Laptop Support

Bria supports Windows-based 2-in-1 laptops. You can enjoy using Bria both on desktop mode and tablet mode.

- The devices must run Windows 10 with Anniversary updates. To verify this, go to Settings > System > About and check the Version field. Version should be 1607 or higher.
- Make sure you enable this Touch Keyboard setting: go to Settings > Devices > Typing, and turn on the setting for Show the touch keyboard when not in tablet mode and there's no keyboard attached. If this setting is off, the touch keyboard won't appear when you are in desktop mode.
- If you are using the Stretto device tracking feature, 2-in-1 laptops are counted as Windows computers, not as Tablets. (I-4497/4650)

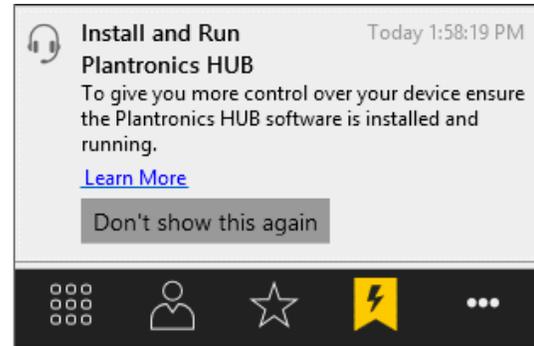
Logitech Headsets Support

This version of Bria integrates with Logitech headsets. No third-party software is required.

Visit [our website](#) for a list of supported devices and detailed notes. (I-4075/S)

Notification Mechanism

Bria introduces a new notification mechanism, using a new tab. For example, if you are using a Plantronics USB headset, you will be notified that a third-party software download is required. This tab does not appear unless Bria has a notification for you, and it goes away after you dismiss all the messages. (S-3512)

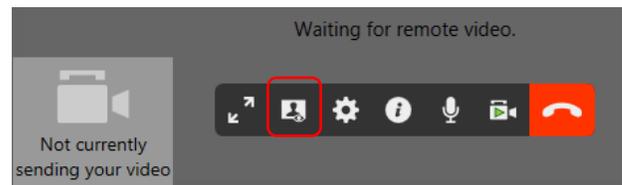


Bria Desktop API Customers

With the new notification mechanism, Bria 4.6.0 will require user's permission before API calls gain control of Bria clients. You will need to inform your end users to give your application the permission to access their Bria clients.

Show or Hide Local Video Preview

In the video screen, you have an option to show or hide the local video preview area where you see yourself. (I-3580)



[Windows Only] Updated Emoji Set

The Emoji set for messaging has been updated. (I-4258)

[Windows Only] Call Monitoring / Busy Lamp Field (BLF)

With Bria 4.6.0, the BLF support has been expanded to Bria Stretto client in addition to custom brands. New settings have been added to accommodate different types of BLF server-side implementation. Please speak to your sales representative if you are interested in trying it out with your SIP server. (I-4772)

[Windows Only] Change in MSI Prerequisites

Microsoft .Net 4.6.2 is now required for Windows MSI install (instead of 4.5.2). (<https://www.microsoft.com/en-us/download/details.aspx?id=53345>)

[Mac Only] Context Menu during a Call

While you are on a call, you can click the call panel with the Ctrl key pressed down to reveal the context menu which allows you to mute, hold, transfer, and end the call as well as starting screenshare, call recording and video. (S-1952)

[Mac Only] German Language Support

Bria Stretto client includes German language support. Branded customers can choose to add German into their brand.

7.2 Resolved Issues in 4.6.0

This version contains improvements in the stability of Bria, and miscellaneous bug fixes for:

- an issue where Bria cannot start group chats after upgrading to Bria 4.5. (I-4464)
- an issue where Plantronics microphone gets muted during a call after upgrading to Bria 4.5. (I-4654)
- an issue where a Bria call hangs up after the user dismisses the incoming call toast/pop-up. (I-4452)

8 Bria 4.5.0 (July 7, 2016)

8.1 New in 4.5.0

Salesforce Add-In Support

This version supports integration with CounterPath's Salesforce Add-In. With the Bria for Salesforce Add-In, Bria can be used to make calls directly from your Salesforce setup. It also provides a variety of reports on call-related activities. For more information, contact your CounterPath Sales Rep or visit www.counterpath.com/bria-for-salesforce.

System Default Device

Bria now offers an option to use the user's system default device/default communication device (for Windows only) for microphone and speaker. This eliminates the need for the user to change the device selection within Bria every time they connect a device to their computer. Bria now can be configured to automatically select the default device set in the operating system.

- On fresh install of Bria, it uses your system default device for the Speakerphone mode, and your system default communication device for the Headset mode.
- On upgrade from previous versions of Bria, it remembers your selection and does not change the device choice. To take advantage of system default devices, change the selection from Preferences > Devices > Headset Mode or Speakerphone Mode. Each mode has a selection for microphone and speaker.

The additional benefit of using the system default communication device is audio ducking, which is a feature provided by Windows that the volume of non-communication sounds (such as music) will be adjusted or even muted during a call-related activity such as receiving an incoming call and having an active call. If you liked our Pauses iTunes option in previous Bria, this feature achieves the same effect. (I-3506/S-2644/I-3355)

New Additions to Bria Desktop API

There are new APIs introduced for unattended (basic) transfer and call recording. Also an option has been added to some APIs to instruct the Bria main window to stay in the background instead of coming to the foreground. Refer to the Bria Desktop API Release Notes for details. (I-3711)

Target Bitrate for Video Quality

Bria now captures the current bitrate for an active video call based on the feedback from the remote party. This helps users figure out why video quality is not as high as they might expect.

The target bitrate is displayed under Help > Troubleshooting > Video. (I-2786)

Crash Uploader ID

In case of crash, Bria assigns a unique ID to the generated crash dump and presents the ID to the user for better troubleshooting. Please include the ID when communicating with Technical Support. (I-3270)

[Windows Only] Selectable IM Texts

Now users can select a portion of the IM messages for copying. (I-2341)

Presence Agent

The presence agent can be configured for Bria Retail and SaaS clients. For retail clients, go to Account Settings > Presence and pick the presence agent. For SaaS clients, the admin can change the attribute on Stretto Admin web interface. (I-3697)

Support for TLS Version 1.2

Bria now supports TLS version 1.2. By default, Bria uses the highest negotiated version between Bria and the server from SSL V3 to TLS V1.2.

For branded customers, the TLS version is provisionable per account. Use the following setting to provision the TLS version. The data type is integer: SSL_V3 = 2, TLS_V1_0 = 3, TLS_V1_1 = 4, TLS_V1_2 = 5, and SSL_HIGHEST = 1000 (default). (I-3508)

```
proxies:proxyN:ssl_version = 1000
```

Enabling/Disabling the Use of SIP rinstance via Provisioning

By provisioning, customers can choose to add or remove the SIP rinstance parameter in the SIP Contact header. This setting aims to provide better interoperability with some SIP servers.

```
proxies:proxyN:use_rinstance = true
```

This setting is enabled (set to true) by default; the rinstance parameter is added to the Contact header. (I-4150)

[Windows Only] Call Monitoring / Busy Lamp Field (BLF)

Branded customers can enable the Busy Lamp Field feature in their brand. It allows users to monitor the status of other endpoints. The call server must support this feature and use a Resource List Server (RLS). Broadsoft is an example of the SIP servers that offer this feature. Bria supports RFC 4235 and RFC 4662, so it works with any RLS that expects the SIP clients to behave as defined by these standards.

To include this feature in a custom brand, you need an updated binary with this feature enabled, and configure the RLS address via provisioning. The end users will see an extra tab for call monitoring. (I-3872)

Brandable URLs for the About Window

Branded customers can optionally add URLs to the About window. When the URL is clicked, Bria opens the page in a default browser. The labels/hyperlink texts and the URLs must be provided to CounterPath along with a request for a custom build. (I-3344)

8.2 Improvements

Group Chat Enhancements

There are various improvements and changes for group chat. (I-3454/S-2527)

- Clear and easy way to start a chat - only one single icon for starting a chat whether it is one-on-one or group chat. With this change, the broadcast IM functionality has been removed to avoid confusion.
- Ability to add people to a group chat anytime (not only at the beginning)
- Ability to re-invite participants who have left the group chat
- Ability to "revive" a closed group chat that you have left
- Clear indication when someone has left the group chat (displayed with strikethrough text)

Plantronics Headsets Support

There have been improvements in integrating the Plantronics API with Bria. This version of Bria requires the Plantronics Hub software installed on the user's computer. These improvements aim to provide better and wider support for Plantronics devices. Visit [our website](#) for a list of supported devices and detailed notes. (I-3430)

New Look for the Login & About Windows

The Login and About windows get a new look in this version. Some of the icons in Bria are also updated.

Branded customers can optionally provide a new custom graphic for the Login and About windows. (I-3400, I-3402)

Requirements for the new custom graphic:

- The file must be in PNG format.
- 72 dpi.
- Width must be 350px.
- Height: up to customer. The window will stretch to show the entire image. The Bria clients use 178px for height.

Number of Entries in Call History

The call history entries have been reduced from 500 to 50. After upgrading to Bria 4.5.0, you will only see the most recent 50 entries. (I-3112)

[Mac Only] Click Behavior on Call History

Previously a double click on call history brought up a history flyout. Now the following behavior has been implemented on Call history entry:

- Single click opens a history flyout
- Double click places call

The updated behavior matches closely with the click behavior on the Contacts list. (S-2601)

Updated OpenSSL

This version of Bria uses OpenSSL 1.0.1t. (O-2689)

8.3 Resolved Issues in 4.5.0

Reinstated Macro Support for \$MAC\$ and \$IP\$

The \$MAC\$ and \$IP\$ macros didn't work in Bria 4.2+ versions. This issue has been solved. (I-3967/S-2984)

VP8 Video Codec Dynamic Payload Type

Bria did not dynamically update the payload type after the other party changed the payload type via re-INVITE. This issue has been resolved. (I-3619)

[Windows Only] Presence Import from the Directory

There was an issue that Bria did not enable presence automatically when contacts were imported from the Directory tab with jabber information. This issue has been resolved. (I-3626)

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SocketRocket

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SQLite

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