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Release Notes for CounterPath Bria 4 *for Windows* Version 4.5

July 26, 2016

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:

- 4.5.0 released on July 7, 2016
- 4.4.0 released on March 21, 2016
- 4.3.1 released on December 14, 2015
- 4.3.0 released on November 25, 2015

2 System Requirements

The supported operating systems are: Windows 7, 8, 8.1, and Windows 10.

3 Bria 4.5.0 (July 7, 2016)

3.1 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 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)

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)

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)

3.2 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)

Updated OpenSSL

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

3.3 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)

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)

3.4 Known Issues

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.

Auto Gain Control

The Auto Gain Control setting under Preferences might not control the gain as intended under some circumstances. (IM-1956)

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>.

4 Bria 4.4.0 (March 21, 2016)

4.1 New and Changed Features in 4.4.0

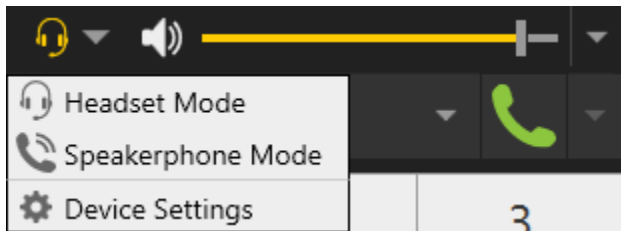
Color Emoji Support

This version offers color emojis and a greater variety of emoticons, resulting in an improved UI experience.

Headset/Speakerphone Device Selection

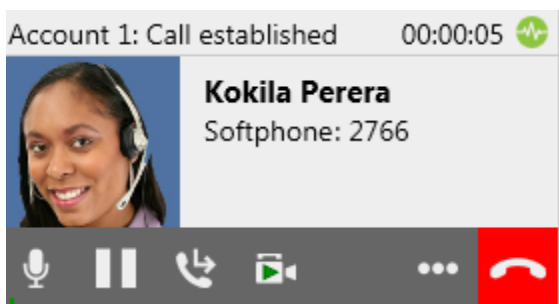
From the dropdown menu on the call panel, you can:

- view the currently selected mode.
- toggle between Headset mode or Speakerphone mode.
- tap Device Settings to go to Preferences> Devices tab to configure the devices. (I-2364)



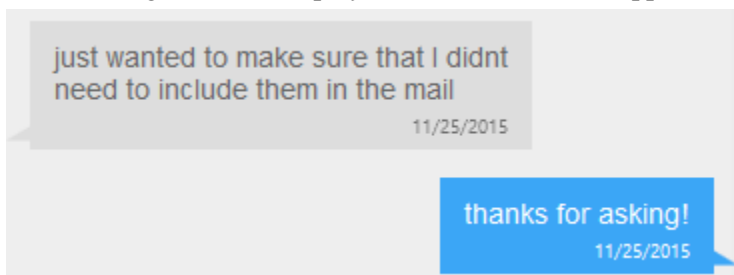
Network Quality Indicator

The Network Quality Indicator on the call panel displays the Wi-Fi and mobile network performance. (I-2356)



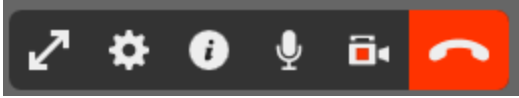
Color of IM Conversations

Your messages will be displayed in blue bubbles as opposed to grey. (I-2363,S-1749)



Video Controls Enhancements

New enhanced controls on the video windows provides the ability to view, change and select more options while previewing your video or while you're in a video call. These controls are visible when the mouse is moving or active over the video window and are hidden after a reasonable amount of inactive mouse time. (I-2312.S-1674)



The video window controls include (from left to right):

Icon	Description
Full screen	Enter and exit full screen.
Camera settings	Display or select: <ul style="list-style-type: none"> • Camera • Max Resolution: <ul style="list-style-type: none"> • Low resolution • Standard • High resolution • HD widescreen
Video Information	Display: <ul style="list-style-type: none"> • Remote video size • Remote video framerate • Local video size • Local video framerate
Mute microphone	Mute and unmute the microphone.
Start/stop video	Start or stop sending your video.
End call	End your video call.

Broadworks SIP Extension Enhancements

Bria 4.4 provides the third party, primarily in call centre environments, with the ability to answer or hold calls. You can select or clear the check boxes by going to Preferences > Calls. (I-2994)

Enable third party call control support for:

Answer/resume (talk)

Hold/resume (hold)

User Experience Metrics (UEM) Enabled for Stretto Platform™

The UEM module encompasses both analytics and Voice Quality Monitoring features, which provides operations staff with valuable insight into end user behaviors and experiences. The UEM module collects data from Bria clients and can export to Excel or display it as a chart or graph within the Stretto Admin web interface.

Announcements Tab

The option for an Announcement tab has been added to Bria clients in the form of a web tab accessible from the tab bar. These “Announcements” will only be:

- used to communicate important product or service-related information to users.
- displayed when a message is available.

Dismiss messages once they are viewed and/or remove the Announcements tab from the tab bar by going to View > Hide Announcements.



4.2 Resolved Issues in 4.4.0

Bria 4.4.0 contains improvements in the stability of Bria, and miscellaneous bug fixes related to: SIP registration, LDAP, and IPv6.

5 Bria 4.3.1 (December 14, 2015)

5.1 Changed Features in 4.3.1

Number of Entries in Call History

Bria now shows 500 call entries maximum in the call history. If you have more than 500 call entries, you will only see the most recent 500 after upgrade.

5.2 Resolved Issues in 4.3.1

Bria 4.3.1 contains various bug fixes and the improvements in the stability of Bria, including:

- a crash when accessing Outlook
- an issue that Bria does not update the call history correctly
- a performance issue with a long call history

6 Bria 4.3.0 (November 25, 2015)

6.1 New and Changed Features in 4.3.0

Microsoft Outlook® 2016 Support

Bria 4.3.0 includes support for Outlook 2016. If you use Bria Add-In for Outlook® along with Bria, make sure to get the updated version.

Previously Bria only supported 32-bit Outlook for integrating Outlook contacts into Bria's contacts. Bria 4.3.0 supports both 64-bit and 32-bit Outlook. This feature does not require Bria Add-In for Outlook®. Go to Softphone > Account Settings and enable an Outlook account to start using this feature.

This introduced a small change with Profile password handling. You will be prompted if a password is required. The Profile Password field has been removed from the Outlook Account page of Bria.

Conference Call Recording

Conference calls can be recorded using Bria. If a conference call is a video call, only the audio portion of the call will be recorded. (I-2292/S-1658)

Video Quality Statistics

Bria now shows statistics on video quality under Troubleshooting > Video, such as video codec, video size, lost packets and framerate. (I-1336, I-862)

Bigger Video Window

The default size of the Video window has been adjusted so you can see the remote party without expanding the window. If you change the window size, Bria will remember your preference. You can open the Video windows from View > Video, or from Preferences > Devices > Test Camera. (I-2428)

Setting Primary Number in XMPP VCard with PREF Tag

If you have access to XMPP VCard configuration on the XMPP server, you can set a PREFER tag for a specific number to be used as a primary phone number on Bria. For example, if a contact has 3 numbers - home, work and mobile, you can set the work number as primary by adding a PREFER tag in VCard configuration. When end users double-click the contact, the primary number will be called. (I-2301, S-1684)

```
...
<TEL>
  <PREF/>
  <WORK/>
  <VOICE/>
  <NUMBER>6045551234</NUMBER>
</TEL>
<TEL>
  <HOME/>
  <VOICE/>
```

```

<NUMBER>6045559999</NUMBER>
</TEL>
<TEL>
  <CELL/>
  <VOICE/>
  <NUMBER>7785551234</NUMBER>
</TEL>
...

```

Verify TLS Certificate on GUI

The setting for verifying a TLS certificate is now available on GUI. This is a per account setting, configurable for each SIP and XMPP account. Go to Account Settings > SIP/XMPP account > Transport. (I-2497)

SIP Outbound Settings on GUI

A new setting has been added under Account Settings > SIP Account > Advanced. (I-2100, S-1571)

- Added: Use SIP Outbound.
When on, Bria uses an existing connection by populating the SIP header as specified in RFC 5626.
- Name change: Force outbound proxy on all requests (previously called "Use Outbound")
When on, Bria will route all outgoing calls through the outbound proxy; in other words it will never send the invite directly to the endpoint but always to the proxy.

6.2 Resolved Issues in 4.3.0

Attended Transfers with Asterisk VoIP System

Asterisk users have reported that when transferring a call using "Call First", the recipient of the transfer hears the music on hold.

Bria 4.3.0 includes a change that aims to address the issue. Bria 4.3.0 does *not* put a call on hold before attended transfer, which will hopefully prevent the music to be played for transfer. (O-1795/I-2053)

Preferences for Sounds

When you play sounds one after another, you might hear no sound for a certain item. This issue has been resolved. (IM-2247)

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SQLite

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