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Release Notes for
CounterPath Bria iPhone Edition
CounterPath Bria iPad Edition
Version 3.8

January 25, 2017

Release Notes

This document provides information for releases in 3.8.x and the previous 3.7.x releases.

3.8.x Releases

- Bria 3.8.2 (January 24, 2017)
- Bria 3.8.1 (October 26, 2016)

3.7.x Releases





- Bria 3.7.2 (September 19, 2016)
- Bria 3.7.1 (September 12, 2016)

For the release notes of previous versions, visit the Products page at <http://www.counterpath.com>.

Softphone Clients

CounterPath supports several versions of softphone clients. The softphone client type is identified for each of the features listed in this document.

For retail customers, the software version number displays as 3.8.2. For Bria Stretto and Branded customers, the software version number displays as 3.8.2000.

Client		Description
	Retail	<ul style="list-style-type: none"> • Standard “yellow” client sold on the CounterPath eStore. • Intended primarily for consumers.
	SaaS	<ul style="list-style-type: none"> • The “red” Bria Stretto™ client with a subscription to CounterPath Stretto. • Intended for business users.
	Branded	<ul style="list-style-type: none"> • Customized softphone client intended for use by larger businesses. • Receive their own customized binary.
	Bria Stretto™ for BlackBerry	<ul style="list-style-type: none"> • Fully featured “red” client offering that includes the CounterPath-hosted provisioning service. • Intended for business users who have deployed the MDM system from BlackBerry Dynamics. • Formerly known as Bria Stretto™ for Good.

1 System Requirements

iOS 9 or higher is required.

2 Bria 3.8.2 (January 24, 2017)

2.1 New Features

SiriKit Integration Support

Bria supports SiriKit on iOS 10+ devices. It means that you can use Siri to place an audio or video call with Bria. You can use Siri when:

- Bria is in the foreground.
- Bria is in the background.
- Bria is exited.
- The device is locked. (BI-2776)

To open Siri, press and hold the Home button, then:

If you want to:

Launch Bria.
Call Joseph Santos, who is one of your contacts.
Call a specific number, such as 555-555-5555.
Video call Joseph Santos, who is one of your contacts.
Video call a specific number, such as 555-555-5555.

Ask Siri to:

Open Bria or Launch Bria
Call Joseph Santos with Bria.
Call 555-555-5555 with Bria.
Video call Joseph Santos with Bria.
Video call 555-555-5555 with Bria.

Updated User Interface

- Improved list view
- Rounded avatars (BI-3608)

Improved Usability for Group Chat Participant Selection

You can now select multiple participants at the same time when you create a group chat.

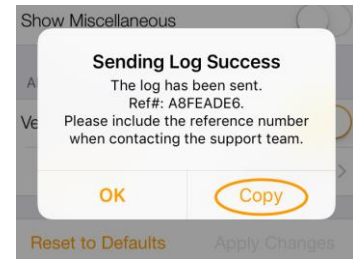
- From the messaging tab, tap the compose icon to create a new chat.
- Tap the + icon in To: and select all of the participants that you want to add to a group chat at once, then tap Done.
- Compose your message as usual and tap send. (BI-3312)

Disabled STUN for SIP Signaling

STUN protocol will no longer be used to discover public IP address and port for SIP signaling. rPort will be used to discover your public IP address instead. (BI-3525)

Copy Log Reference Number to the Clipboard

When help asks you to send a log, you are asked to provide the log Reference # to support. You can now copy the Reference # from the Sending Log Success alert to the clipboard. (BI-3346)



MDM Integration with BlackBerry® Dynamics



Previously Bria integrated with Good Technology for Mobile Device Management (MDM). This version of Bria has been updated to use the latest SDK from BlackBerry® who acquired Good Technology.

It also includes the Bypass Unlock feature, which allows Bria to skip the lockscreen during a call. With this feature, end users will no longer need to enter a password during a call to access call controls such as mute and hold.

For customers using the Bria Stretto for Good client, all you need to do is to inform your users to update the existing app to the latest version via App Store/Google Play.

For customers with their own custom brand, you will receive this update when you request this version. You will then simply upload the latest build onto your Store page. (BI-1692)

2.2 Expected Behavior

Incoming Call Audio with Bluetooth on iPhone

When Native Integration is enabled and the iPhone is connected to a Bluetooth device, the audio output varies depending on how you answer the call. If you use the Bluetooth device to answer the call, the audio will be sent to the Bluetooth device. If you use the iPhone to answer the call, the audio will be sent to the iPhone. (BI-3616)

2.3 Resolved Issues

There have been improvements in the overall stability and performance of Bria.

2.4 Known Issues

No Ringtone for Incoming Call on iPad

When Native Integration is enabled, the iPad is connected to a Bluetooth device, and the iPad is locked with Bria running in the background, there may be no ringtone for an incoming call. The work around is to disable CallKit by turning off Native Integration in Preferences or turning off Bluetooth on the device. (BI-3540)

Speaker Icon when Bria call is Active with CallKit Enabled

Assume you have two concurrent calls (one native, one Bria call) and the Bria call is active, then you enabled the speaker. The Speaker icon does not properly reflect the speaker being enabled even though speaker is actually on. The work around is to tap the speaker icon again, then the icon will show enabled (as shown on right).



3 Bria 3.8.1 (October 26, 2016)

3.1 New Features

Supported iOS Versions

Dropped support for iOS 8. Bria runs on iOS 9 and 10.

CallKit Native Call Integration Support

Bria supports CallKit on iOS 10+ devices. It means to you that:

- Easier to answer Bria calls when a device is locked. No need to rely on a small notification or unlock the screen.
- A native incoming call no longer takes over ongoing Bria call; it will be presented as Call Waiting. You now have a chance to tell the person that you have to pick up another call. You can also switch between native call and Bria call.
- All Bria calls are captured in the native dialer call history, with option to click on an entry to call back using Bria.
- Improved Bluetooth headsets support. You can answer and hang up Bria calls using buttons on your Bluetooth device.

To use CallKit native call integration, make sure the Native Integration setting is enabled under Bria's Preferences.

Using Bluetooth Headsets

With CallKit, you can answer and hang up a call by pressing a button on your Bluetooth device. However, if you are already on a call, be aware:

- Pressing once (or a short press) on the Bluetooth button performs End & Accept: it terminates the original call and answers the incoming call.
- Pressing twice (or a long press) performs Hold & Accept: it places the original call on hold and answers the incoming call.

Connecting to your Car via Bluetooth

If you connect an iOS device to your car using Bluetooth (instead of CarPlay), we recommend you enable the Native Integration setting to leverage better Bluetooth integration. With Native Integration enabled, you will be able to answer and hang up a call using car controls, such as buttons on the steering wheel, instead of tapping on Bria screen.

Using CarPlay

CounterPath's iOS applications can be used with CarPlay-compatible vehicles, but only if the user is using an audio source from the iOS device. If the user is playing audio directly from the vehicle, the audio will be muted while the CounterPath application is running in a "background" state. Visit this page for details.

<https://support.counterpath.com/knowledge-base/article/carplay-support>


Customers with Branded Version of Bria

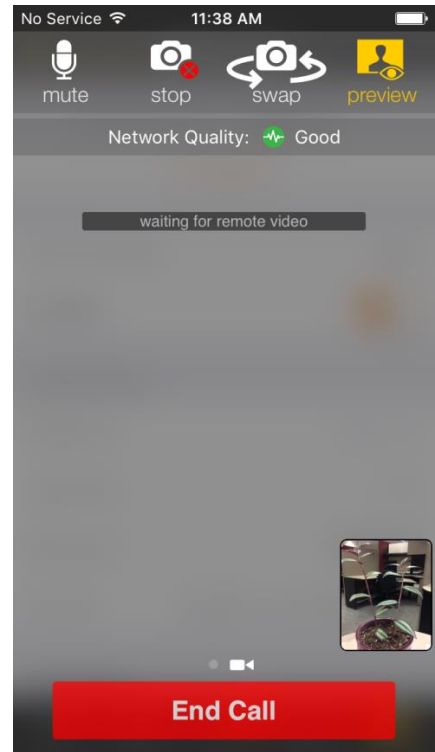
When you upgrade your custom softphone to Version 3.8.1, you will have a choice to include or exclude CallKit support in your brand. To include, there are new requirements in order for CounterPath to create a custom

softphone for you, such as new graphic assets and an additional profile. Make sure to plan ahead to prepare all the new materials required. CounterPath Branding Portal will walk you through everything you need for upgrade.

Show or Hide Local Video Preview

In the video screen, you have an option to show or hide the local video preview where you see yourself. (BI-3182)

Click the preview icon  to show or hide the preview of your own image (shown on the bottom corner). This is different from sending your image to the other party, which is controlled by the send/stop icon.



HD Support for H.264 Video Codec

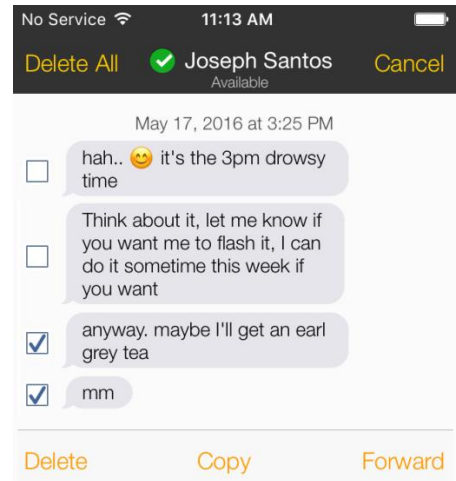
H.264 now has 720p HD support.

When you set video quality to Automatic, Bria chooses video quality based on the device you are using, and the network connection you are in (mobile or Wi-Fi). If you want to specifically use HD video, select the HD quality instead of Automatic from Preferences > Video Quality. (BI-3243)

Multiple IM Selection

Now you can select multiple messages for copying, forwarding, and deleting.

To do so, long-press on a message, tap More, then you will see checkboxes to select multiple messages in the thread. (BI-2694)



BroadWorks Feature Pack Improvements

This version contains various improvements for BroadWorks Feature Pack including:

- Deleting a call log entry on a mobile device deletes the entry from the server-side log on the Xtended Service Platform (XSP).
- Call duration is displayed in enhanced call logs.
- Bria displays basic call logs if it fails retrieving enhanced call logs from the XSP.
- Bria refreshes the call history when the user visits the History tab.
- A missed call indicator persists until the user opens the History tab.

3.2 Resolved Issues

There have been improvements in the overall stability and performance of Bria.

4 Bria 3.7.2 (September 19, 2016)

Bria 3.7.2 contains bug fixes and stability improvements including:

- Fix for a DNS resolution issue
- Fix for no audio issue on iOS 10 with some Bluetooth devices

5 Bria 3.7.1 (September 12, 2016)

5.1 New and Changed Features

iOS 10 Support

Bria 3.7.1 contains many adjustments and improvements so Bria functions properly and smoothly on iOS 10. We recommend you upgrade to 3.7.1 as soon as you upgrade your device to iOS 10.

If you are using TCP on iOS 10, Bria runs in the background; Bria automatically detects iOS version, and enables "Run in Background" on TCP on iOS10 unless Push Notification is enabled. With this change, the existing "Run in Background" setting has been removed from GUI on the devices running iOS10. (BI-2771)

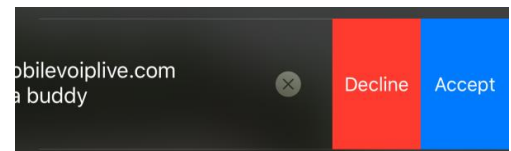
Hyper Link Previews in Messages

When a user receives a web link as part of an instant message, Bria provides a thumbnail view as well as the ability to open a preferred app instead of simply opening the browser (e.g. launching the YouTube app). (BI-2821)



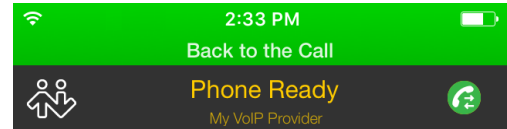
Respond to Buddy Request on Lock Screen

If you receive a buddy request on your XMPP account while Bria is running in the background, you will see a notification on your lock screen where you can respond to accept or decline. (BI-2697)



Improved Back to Call Indicator

The Back to Call indicator now has a similar look to Native Dialer. You will find it more noticeable and easy to navigate.



One-tap Voicemail Calling

Previously dialing a voicemail from dialpad required two taps: the vm button, then the call button. Now only tapping the vm button connects to the voicemail number. (BI-2628)

Group Chat Improvements

There are improvements for group chat, e.g. you can now add participants anytime even when you are a guest.

New Icons

German Language Support

NAT64 Support for SIP Accounts

There are two settings under SIP account to enable NAT64 support over Wi-Fi or Mobile network. (BI-2746)
On by default. Leave it on if there is a possibility that Bria is going onto an IPv6-only network, trying to reach IPv4-only SIP services/infrastructure over Wi-Fi.

- Requires that the configured name servers support DNS64.
- Requires a Session Border Controller (SBC) with latching support, or a STUN server. ICE is not supported.
- This feature is typically not necessary on platforms/networks where alternative IPv4-to-IPv6 transition mechanisms are used (e.g. 464XLAT, Android CLAT).

When the NAT64 setting is on and Bria detects an IPv6-only network, it will try to use DNS64 to translate IPv4 addresses into IPv6 addresses. The NAT64 setting has no effect when Bria uses IPv4 to communicate with the SIP server (in other words when the IP Version setting is set to IPv4).

```
<account_list>
  <account>
    <data name="enableNat64SupportWifi" value="true"/>
    <data name="enableNat64SupportMobile" value="true"/>
  </account>
</account_list>
```

Updated IPv6 Support for SIP and XMPP

Instead of the auto option, the settings now have different names and offer Prefer IPv4 and Prefer IPv6. (BI-2731)

- IPv4 - Bria uses IPv4 and does not look for IPv6 at all.
- IPv6 - Same as above, except it uses IPv6.
- Prefer IPv4 - Bria uses IPv4 first if it detects both IPv4 and IPv6.
- Prefer IPv6 - Same as above, except it uses IPv6 first. (default)

Upon upgrade to 3.7.1, the obsolete "auto" option will be switched to Prefer IPv6.

For branded customers, the IP version is provisionable per account. The setting name remains the same, but more options are available: 0 = IPv4 only, 1 = IPv6 only, 2 = Prefer IPv4, 3 = Prefer IPv6 (default). Adjust your provisioning settings accordingly, especially if you previously provisioned auto (2).

```
<account_list>
  <account>
    <data name="ipModeWifi" value="3"/>
    <data name="ipModeMobile" value="3"/>
  </account>
</account_list>
```

Connection Reuse for SIP



There is a new setting under Account Advanced for SIP accounts: Connection Reuse. (BI-2788)

When on, Bria uses existing connections by adding the alias parameter in the Via header, as specified in RFC5923.

```
<account_list>
  <account>
    <data name="connectionReuse" value="true"/>
  </account>
</account_list>
```

5.2 Resolved Issues

There have been improvements in the overall stability and performance of Bria.

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