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Release Notes for  
CounterPath Bria iPhone Edition  
CounterPath Bria iPad Edition  
Version 3.7

October 11, 2016

## Release Notes

This document provides information for releases in 3.7.x and the previous 3.6.x. releases.

### 3.7.x Releases

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

### 3.6.x Releases





- Bria 3.6.5 (July 5, 2016)
- Bria 3.6.4 (June 6, 2016)
- Bria 3.6.3 (Apr 4, 2016)
- Bria 3.6.2 (Feb 19, 2016)
- Bria 3.6.1 (Feb 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 3.7.2. For Bria Stretto and Branded customers, the software version number displays as 3.7.2000.

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

# 1 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

# 2 Bria 3.7.1 (September 12, 2016)

## 2.1 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)

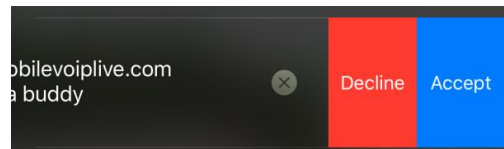
### Hyper Link Previews in Messages

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)



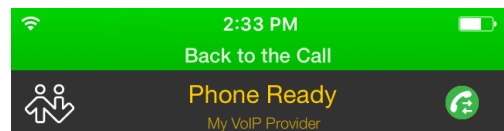
### Respond to Buddy Request on Lock Screen

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>
```

## 2.2 Resolved Issues

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

## 2.3 Existing Known Issues

### **Losing Registration on Slower Devices with iOS 8**

iOS 8 memory management on slower devices (such as the iPhone 4S and iPad) can result in applications – such as Bria running in the background – to be terminated by the operating system. To reduce or eliminate the chance of Bria being terminated by the operating system, users of slower hardware are advised to carefully manage how many apps they have running concurrently.

## 3 Bria 3.6.5 (July 5, 2016)

### 3.1 Resolved Issues

There have been improvements in the overall stability and performance of Bria, including:

#### **Bluetooth Mute fix**

When using Bluetooth, mute didn't work even though the mute button showed muted. This issue has been resolved. (BI-2587)

## 4 Bria 3.6.4 (June 6, 2016)

### 4.1 New and Changed in 3.6.4

#### IPv6 Support

To meet Apple's app publishing guideline, new settings have been introduced to control the IP version for DNS lookup, SIP signaling and XMPP connections. You can choose IPv4 only, IPv6 only, or Auto (default) for each SIP/XMPP account. When Auto is selected, Bria uses IPv6 only first, then falls back to IPv4 only. Bria will alternate between IPv6 and IPv4 if no response is received from the server.

Note that the new setting does *not* apply to HTTP/S connections such as login and provisioning. Bria leverages the iOS native HTTP/S Framework for these connections. Customers using IP address for HTTP/S connections must change the IP address to **FQDN** in order to meet requirements from Apple.

For branded customers, the IP version is provisionable per account. The data type is integer: 0 = IPv4 only, 1 = IPv6 only, 2 = Auto (default).

```
<account_list>
  <account>
    <data name="ipVersionWifi" value="2"/>
    <data name="ipVersionMobile" value="2"/>
  </account>
</account_list>
```

#### 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).

```
<account_list>
  <account>
    <data name="sslVersion" value="1000"/>
  </account>
</account_list>
```

#### Updated OpenSSL

This version of Bria uses OpenSSL 1.0.1s.

#### Change in Call History

Calls that were answered elsewhere no longer appear as missed calls. Such calls are not logged at all in this version; we are planning to log them as answered elsewhere in future releases.

#### 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.

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

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

## 4.2 Resolved Issues

There have been improvements in the overall stability and performance of Bria, including:

### Improved Video Support for Asterisk

This version of Bria contains improvements for video calls using Asterisk call servers.

### LDAP Wildcard Search Fix

This version of Bria contains a fix for a wildcard search for LDAP query. With this fix, the same value can be provisioned to mobile and desktop clients from Stretto.



## 5 Bria 3.6.3 (Apr 4, 2016)

### 5.1 New and Changed in 3.6.3

#### Added Announcement Mechanism for important service and product notices

The option for an Announcement mechanism has been added to Bria clients under Settings.

These “Announcements” will only be:

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

#### BroadWorks Feature Pack

The BroadWorks Feature Pack is available, and includes:

- XSI-based tabs for Network-based Contact Directory
- Network-based Call History
- Service Management (allows user to manipulate settings for Call Forwarding, Do Not Disturb, Simultaneous Ringing, etc.)

#### H.264 video improvements

#### Removed IPv4 hardcoded references to comply with Apple IPv6 guidelines

### 5.2 Resolved Issues

#### Stability and performance improvements


Please report any issues to <https://support.counterpath.com>.




## 6 Bria 3.6.2 (Feb 19, 2016)




### 6.1 Changed



DNS look up operates cleanly during switchovers of the data network.   

Improvements to Stretto Sync on data network switchover.  

Contact search results are retained when a missed call is received (the caller hangs up or the call is not answered).   

Bria iPad Edition opens to Message conversation page after tapping on IM notification while Bria is in the background.   

Native call interruption tone and the announcement are retained after call hold is resumed by remote end.   

Music On Hold now plays for call on remote hold after swapping calls. (Remote hold appears if the person you're talking to activates hold.)  

### 6.2 Resolved Issues

Stability and performance improvements   

Please report any issues to <https://support.counterpath.com>.

## 7 Bria 3.6.1 (Feb 12, 2016)

### 7.1 What's New in 3.6.1

#### iOS PushKit Support

Bria supports iOS PushKit for devices running iOS 8 with explicit support for VoIP applications. Notifications for calls and messages are sent to Bria without requiring the user to intervene. This enhanced support also ensures Bria can capture missed call history in cases where the call is not answered.

#### XMPP Battery Life Enhancement

This enhancement reduces the battery consumption on your device when Bria is running in the background. It effectively limits the XMPP messaging to achieve enhanced battery life.


#### Improved Network Quality Indicator

Network Quality Indicator on the call panel displays the Wi-Fi and mobile network conditions as:

Good 

Fair 

Poor 

Unknown 

#### Support for XMPP VCard "preferred" Property

In the vCard entries for XMPP Contacts, the phone number (s) for Work, Mobile, and Home designated as “preferred” are displayed at the top of the list. This ensures that calls are dialed to the designated preferred number (s). If there is no “preferred” phone number, the phone numbers display in the order they are received in the vCard.

#### Improved Support for P-Asserted Identity SIP Header

The P-Asserted Identity SIP Header is used by a trusted network to show the “real” identity of the caller sending a SIP message, which is the acceptable way to specify privacy information for calls.

## 7.2 Changed in 3.6.1

**DNS-related bug fixes**   

**iOS 7 support has been deprecated.**   

Please upgrade to iOS 8 for optimal performance on Bria.

**Color Alignment for Account Status Text on Dial Pad Screen** 

Bria iOS now uses Segment Control color and not the Default Brand color for the Account Status text on the dial pad screen. This ensures the Segment Control color is visible on the Navigation Bar and aligns with the Bria Android platform.

## 7.3 Resolved Issues

**Stability and performance improvements**   

Please report any issues to <https://support.counterpath.com>.

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Berlin, 28.11.1994

Jutta Degener

Carsten Bormann

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