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Release Notes for CounterPath Bria 3.1 *for Linux*

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Introducing Bria 3.1 for Linux

Bria 3.1 is the first CounterPath softphone based on Linux.

Features

Standard Telephone Features

Bria for Linux has all standard enterprise telephone features, including:

- Call display and Message Waiting Indicator (MWI).
- Speakerphone and Mute.
- Redial, Hold, Do Not Disturb.
- Call history – list of received, missed, and dialed calls.
- Call forward, Call transfer.
- Auto answer.
- Six-party audio conferencing.

Enhanced Features and Functions

Bria for Linux also supports the following features and functions:

- Contact list containing the individual user's contacts.
- Directory containing names from a shared LDAP directory.
- Acoustic echo cancellation, automatic gain control, voice activity detection.
- Support for DTMF (RFC 2833 or inband DTMF).
- Support for the following audio codecs:
DVI4, DVI4 Wideband, G.711aLaw, G.711uLaw, GSM, iLBC, L16 PCM Wideband, Speex, Speex FEC, Speex Wideband, Speex Wideband FEC.
- Call security (signaling and media encryption).
- Compliance to 3261 SIP standard.
- Support for these firewall traversal solutions: STUN, TURN, or ICE.

Software Requirements

- Qt 4.4.0
- libasound2 1.0.18
- Gconf 2.2
- PulseAudio 0.9.16 (optional)
- Ubuntu 10.04. Ubuntu and Canonical are registered trademarks of Canonical Ltd.

Hardware Requirements

- 1 Ghz processor or faster.
- 256 MB RAM.
- 20 MB free disk space on your hard drive.
- Internet connection - broadband is best (GPRS is not supported for voice calls).
- Microphone and speakers or headset. Headsets with built-in AEC are recommended.

Known Issues

- Button actions will not work with any of the supported headset devices.
- The Polycom Communicator C100 is not supported because the AEC setting in the device driver does not reduce echo enough.

Third-party Software Notices

AES

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The original software has been revised. A copy of the revised package is available at forums.counterpath.com.

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