

About this Update

The software contained in the **Asterisk Update 2006-01-18** has been derived from Digium's Asterisk 1.0.10 source release. This installer updates any version of Asterisk already installed in the standard location on a PowerPC based Macintosh running MacOS X 10.3 ("Panther") or newer.

Updated binaries and the install package have been compiled by [Sunrise Telephone Systems Ltd](#), a PBX and VoIP systems integrator specialising in open source based telephony solutions.

Work on this update has been sponsored by [Voxbone](#), the inbound VoIP provider with virtual phone numbers (DIDs) in over 25 countries.

Source code is made available separately in order to save bandwidth as many users do not wish to download the sources. It is available for download at

- [Asterisk Update 2006-18-01 Sources](#) [download link]

Please make a donation to support the development work

Please visit the [Asterisk for Mac OS X](#) page on the Sunrise website and click on the Donate button to make a donation by PayPal or by Credit Card. Thank you.

Changes relative to Asterisk for Linux

Various modifications have been made to the Linux code base to derive a version that integrates into the Mac OS X environment. Some parts only relevant to Linux have been removed and some modules and features not present in Digium's release have been added.

Changes in the Asterisk core

GPL compliance

- Modification of console greeting to comply with GPL
- Addition of credits/copyrights to console to comply with GPL
- Removal of Digium's DRM key in module loader to comply with GPL
- Removal of statically linked embedded Editline library to comply with GPL

Command line interface

- New CLI command 'show build' to display build information
- New CLI command 'show copyright' to display copyright information
- New CLI command 'show credits' to display contributors and copyrights
- New CLI command 'show license' to display GPL license disclaimer

Libraries

- Removal of references to compatibility layers which are no longer needed
- Dynamic linking to Mac OS X's Editline to replace embedded version

Miscellaneous

- Various code changes needed to make sources build on Mac OS X

Asterisk Modules

GPL compliance

- Replacement of Digium's DRM key with empty string in all modules

Removed modules

- ALSA channel driver
- ISDN4Linux channel driver
- OSS channel driver
- Voicetronix channel driver
- Zaptel channel driver

Added modules

- Cepstral multi-lingual text-to-speech support
- Voice conferencing support not requiring a zaptel timing source
- Zeroconf/Bonjour support advertising VoIP, dial and management services

Miscellaneous

- Changes needed to make sources build on Mac OS X
- Changes needed to make sources build with 1.0.10 code base

Supported Mac OS X versions

This modified version of Asterisk (derived from Asterisk 1.0.10) has been tested with the following Mac OS X system software:

- Mac OS X "Panther" (version 10.3.9)
- Mac OS X "Tiger" (versions 10.4.3 and 10.4.4)

Earlier versions of Mac OS X are no longer supported.

Asterisk on Mac OS X GUI

Asterisk is a server software, which runs inside the BSD subsystem, not unlike Apache, the open source web server that comes pre-installed with Mac OS X. Like other server software, Asterisk is controlled through plain text configuration files and Unix command line tools.

However, there are graphical front ends from various third parties. [Sunrise Telephone Systems](#) provides Cocoa based GUI front ends for Mac OS X as a free download

- [Asterisk Launcher](#)
- [Asterisk Assistants](#)

How to contribute to the Asterisk on Mac OS X project

Asterisk for MacOS X is maintained by [Sunrise Telephone Systems](#) and released under the GNU General Public License. If you want to contribute to the open source development work or testing and quality assurance on a volunteer basis please contact Sunrise by [email](#).

Where to learn more about Asterisk for Mac OS X

Visit the [Astmasters Community Website](#)

Where to get help with Asterisk for Mac OS X

Join the [Macintosh Asterisk Mailing List](#)

Where to get commercial support for Asterisk for Mac OS X

Contact [Sunrise Telephone Systems Ltd](#)

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