



# Open Source Used In Cisco MXE 3500

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## Release 3.3.2

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**In your requests please include the following reference number 78EE117C99-33451538**

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ALIZE is a development project initiated by the ELISA consortium [[alize.univ-avignon.fr/](http://alize.univ-avignon.fr/)] and funded by the French Research Ministry in the framework of the TECHNOLANGUE program [[www.technolangue.net](http://www.technolangue.net)]

The ALIZE project team wants to highlight the limits of voice authentication in a forensic context.

The "Person Authentication by Voice: A Need of Caution" paper proposes a good overview of this point (cf. "Person Authentication by Voice: A Need of Caution", Bonastre J.F., Bimbot F., Boe L.J., Campbell J.P., Douglas D.A., Magrin-chagnolleau I., Eurospeech 2003, Genova).

The conclusion of the paper of the paper is proposed bellow:  
[Currently, it is not possible to completely determine whether the similarity between two recordings is due to the speaker or to other factors, especially when: (a) the speaker does not cooperate, (b) there is no control over recording equipment, (c) recording conditions are not

known, (d) one does not know whether the voice was disguised and, to a lesser extent, (e) the linguistic content of the message is not controlled. Caution and judgment must be exercised when applying speaker recognition techniques, whether human or automatic, to account for these uncontrolled factors. Under more constrained or calibrated situations, or as an aid for investigative purposes, judicious application of these techniques may be suitable, provided they are not considered as infallible. At the present time, there is no scientific process that enables one to uniquely characterize a person's voice or to identify with absolute certainty an individual from his or her voice.]

Contact Jean-Francois Bonastre for more information about the licence or the use of ALIZE

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FFmpeg:

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Most files in FFmpeg are under the GNU Lesser General Public License version 2.1

or later (LGPL v2.1+). Read the file COPYING.LGPLv2.1 for details. Some other files have MIT/X11/BSD-style licenses. In combination the LGPL v2.1+ applies to FFmpeg.

Some optional parts of FFmpeg are licensed under the GNU General Public License version 2 or later (GPL v2+). See the file COPYING.GPLv2 for details. None of these parts are used by default, you have to explicitly pass `--enable-gpl` to configure to activate them. In this case, FFmpeg's license changes to GPL v2+.

Specifically, the GPL parts of FFmpeg are

- libpostproc
- optional MMX optimizations for YUV to RGB colorspace conversion in `libswscale/x86/yuv2rgb_template.c`
- optional x86 optimizations in the files `libavcodec/x86/h264_deblock_sse2.asm`, `libavcodec/x86/h264_idct_sse2.asm`, `libavcodec/x86/idct_mmx.c`
- the X11 grabber in `libavdevice/x11grab.c`

There are a handful of files under other licensing terms, namely:

- \* The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint.c`, `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details.

Should you, for whatever reason, prefer to use version 3 of the (L)GPL, then the configure parameter `--enable-version3` will activate this licensing option for you. Read the file `COPYING.LGPLv3` or, if you have enabled GPL parts, `COPYING.GPLv3` to learn the exact legal terms that apply in this case.

external libraries:

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Some external libraries, e.g. `libx264`, are under GPL and can be used in conjunction with FFmpeg. They require `--enable-gpl` to be passed to configure as well.

The OpenCORE external libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine the OpenCORE libraries with FFmpeg, the license version needs to be upgraded by passing `--enable-version3` to configure.

The nonfree external library `libfaac` can be hooked up in FFmpeg. You need to pass `--enable-nonfree` to configure to enable it. Employ this option with care as FFmpeg then becomes nonfree and unredistributable.

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Version 2, June 1991



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# 1.3 ffmpeg --enable-gpl 0.6.3

## 1.3.1 Available under license :

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- libpostproc
- optional MMX optimizations for YUV to RGB colorspace conversion in `libswscale/x86/yuv2rgb_template.c`
- optional x86 optimizations in the files  
`libavcodec/x86/h264_deblock_sse2.asm`  
`libavcodec/x86/h264_idct_sse2.asm`  
`libavcodec/x86/idct_mmx.c`
- the X11 grabber in `libavdevice/x11grab.c`

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\* The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint.c`, `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details.

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external libraries:

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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

Schedule A

Name	Date added
Simone Bordet	12 September 2006
_____	_____
_____	_____

## 1.6 Jetty 6.1.14

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## 1.9 kissfft 1.2.9 :1.2.9

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This file is part of LIA\_RAL which is a set of software based on ALIZE toolkit for speaker recognition. ALIZE toolkit is required to use LIA\_RAL.

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The LIA team as well as the LIA\_RAL project team wants to highlight the limits of voice authentication in a forensic context.

The "Person Authentication by Voice: A Need of Caution" paper proposes a good overview of this point (cf. "Person Authentication by Voice: A Need of Caution", Bonastre J.F., Bimbot F., Boe L.J., Campbell J.P., Douglas D.A., Magrin-chagnollean I., Eurospeech 2003, Genova).

The conclusion of the paper of the paper is proposed bellow:  
[Currently, it is not possible to completely determine whether the similarity between two recordings is due to the speaker or to other factors, especially when: (a) the speaker does not cooperate, (b) there is no control over recording equipment, (c) recording conditions are not known, (d) one does not know whether the voice was disguised and, to a lesser extent, (e) the linguistic content of the message is not controlled. Caution and judgment must be exercised when applying speaker recognition techniques, whether human or automatic, to account for these uncontrolled factors. Under more constrained or calibrated situations, or as an aid for investigative purposes, judicious application of these techniques may be suitable, provided they are not considered as infallible. At the present time, there is no scientific process that enables one to uniquely characterize a person's voice or to identify with absolute certainty an individual from his or her voice.]

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## 1.13 mime-util 2.13

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```
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```
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