# Cisco TelePresence VCR Converter 1.0(1.8)

## Software release notes

D14725.02

February 2011

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# Document revision history

| Revision | Date | Description |
|---|---|---|
| 14725.02 | 02/2011 | Ability to convert recordings of encrypted SIP calls. |
| 14725.01 | 06/2010 | Improved behavior of recordings with content channel and video channel. |

# Introduction

The Cisco TelePresence VCR Converter is an application for Microsoft Windows that converts Cisco TelePresence IP VCR recordings from their native **.codian** format into formats that can be stored and viewed on computers, or streamed from a server and displayed in a browser.

The VCR Converter supports these output formats:

- MPEG-1 (.mpg) format
- Windows Media Video 9 (.wmv) format

This document describes the new features in version 1.0(1.8) and details resolved and open caveats and known limitations.

# New features in version 1.0(1.8)

The VCR Converter has been updated to work with the latest release of the Cisco TelePresence IP VCR (3.0).

The most important feature of this release is that the VCR Converter can convert encrypted files that were created by version 3.0 of the IP VCR.

## Convert encrypted recordings

The VCR Converter can now convert SIP encrypted **.codian** files produced by the IP VCR into formats that can be streamed to browsers or played back on widely available media players.

The ability to record encrypted SIP calls was added to version 3.0 of the IP VCR, and this release updates the VCR Converter to be able to process those recordings.

# Features added in previous versions

## New features in 1.0(1.6)

VCR Converter version 1.0(1.6) introduced improved handling of the content channel in IP VCR recordings. As of release 1.0(1.6), the content window is removed when it is not needed, allowing more space for the video channel.

In previous releases, the converted video would display an empty content window for the parts of the recording during which the content channel was inactive. This behaviour unnecessarily reduced the size of the video channel window.

## New features in 1.0(1.3)

VCR Converter version 1.0(1.3) was the first release of this tool that had a graphical user interface (versions 1.0(1.0) to 1.0(1.2) were internal releases). The application also has a command line interface if you want to run conversions via a script. Whichever way you use the application, you are running the same code and therefore the outputs are the same.

**This release of the VCR Converter replaced two command line tools that existed previously**. It provided the same functionality as the previous command line tools, including templates for commonly-used resolutions and layouts, and some new features.

# Resolved caveats

The following issues were found in previous releases and were resolved in this version.

## Resolved in 1.0(1.8), February 2011

| Reference ID | Summary |
|---|---|
| 11044 | In previous releases, the VCR Converter would fail to show video in converted files when some custom output sizes were used. This issue occurred when the custom output size did not correspond to a whole number of macroblocks.<br>The application now checks that the dimensions of the custom output size are in whole macroblocks (integer multiples of 16 pixels) and reports an error if the user attempts to convert to an incorrect output size. |
| 11815 | In previous releases, the VCR Converter would continue indefinitely when trying to process a corrupted file. The cause of the issue was discovered to be recordings with invalid timestamps and, as a result, unfeasibly long reported durations.<br>The application now checks for this type of file corruption and conversion will fail if the source recording is invalid in this way.<br>The application will report on these failures if you enable output logging (go to **Conversion settings> Advanced**). |

## Resolved in 1.0(1.6), June 2010

| Reference ID | Summary |
|---|---|
| 9795 | In previous releases, the video streams of Polycom HDX participants could have had reduced quality in IP VCR recordings. This was fixed in release 1.0(1.6). |
| 10355 | In previous releases, issues existed when converting audio only IP VCR recordings to **.MPEG** format. This was fixed in release 1.0(1.6). |

## Resolved in 1.0(1.3), March 2008

| Reference ID | Summary |
|---|---|
| 4675 | In previous releases, the VCR Converter would crash when invalid H.263 media was passed in. |

# Checking for updates and getting help

We recommend that you register your product to receive notifications about the latest software and security updates. New feature and maintenance releases are published regularly, and we recommend that your VCR Converter software is always kept up to date.

If you experience any problems when configuring or using your VCR Converter, consult the online help (available within the user interface). If you cannot find the answer you need, check our website to make sure that you are running the most up-to-date software and for further relevant documentation.

If you need to raise a case, make sure you have the following information:

- The serial number and product model number of the unit
- The software build number (can be found on the product's user interface)
- Your contact email address or telephone number

# References and related documents

The following table lists the information resources referenced in this document.

| Name | Document reference |
|---|---|
| Release notes for version 1.0(1.6) | D14725.01 |
| Help for VCR Converter | Embedded in the VCR Converter application |

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