

Cumulus® Video Suite

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Overview

Canto® Cumulus Video Suite enhances Cumulus to catalog video files including shot boundary determination. In addition to creating a record for the video, it creates records for each shot in the video and the shots can be annotated with additional metadata. It lets you find your video files quickly – either by browsing through the thumbnails or by searching for the metadata saved with the shots. And in addition to that it supports streaming for Cumulus Internet Options.

System Requirements

Cumulus Video Suite is an add-on module that expands the functionality of Cumulus 8.

Requirements for Cumulus Clients

NOTE: Video Suite's shot determination can determine shots by shot detection or by time or frame measures. Note that *shot detection* is available with Cumulus Clients under Windows only. Whereas *shot determination on time or frame measures* is available with both, Cumulus Clients under Mac OS and Windows.

Video Suite has to be installed with the Cumulus Client application and requires:

- QuickTime 7 (or later)
- QuickTime MPEG-2 Playback Component
 - For shot determination on time or frame measures of MPEG-2 files.
 - For previewing and editing shots that were determined on time or frame measure from MPEG-2 files.
 - Under Windows for shot detection of MPEG-1 and MPEG-2 files if you don't install a special module that is provided for free. (For details see below.)
- HHI MPEG Decoder Module
 - For shot detection of MPEG-1 and MPEG-2 files under Windows – as an alternative to QuickTime MPEG-2 Playback Component. This module provides desirable quality and performance. It is provided for free from the Fraunhofer-Institute for Telecommunications, Heinrich-Hertz-Institut (HHI) and can be downloaded from Canto's website.
- Windows Media® Components for QuickTime
 - For cataloging and previewing WMV files on Mac OS. This module allows playing Windows Media files (.wmv) directly in QuickTime Player and viewing Windows Media content on the Internet using a Web browser. It is provided for free from Microsoft and can be downloaded from Microsoft's website.

TIP: All following listed DirectShow Filters and Splitters are contained in K-Lite Mega Codec Pack that can be downloaded from the Web (e.g. from www.free-codecs.com.)

- FLV DirectShow Filter
 - For shot detection of Flash 8 (FLV) files under Windows.
- MXF DirectShow Filter
 - For shot detection of MXF files under Windows.

- MKV Splitter
For shot detection of MKV (Matroska) files under Windows.
- RealMedia Splitter
For shot detection of RealMedia files under Windows.

Requirements for Web Publisher Pro / Internet Client Pro

To provide streaming for viewing cataloged video files over the Internet for Web Publisher Pro / Internet Client Pro users:

- Web Publisher Pro / Internet Client Pro
- Cumulus Java Classes 8.0
- QuickTime 7 (or later)
- To enable streaming a streaming server is required that supports RTSP (Real-Time Streaming Protocol) and RTP (Real-Time Transport Protocol), e.g. Apple QuickTime Streaming Server (QTSS), Helix Server (former RealSystem Server).
- To view streaming media, Web users must have a media player installed (e.g. QuickTime 7 or later).

Internet Client Pro under Windows and Mac OS X can also be enabled to allow Web users to catalog video files including shot determination. Depending on the shot determination method and the format of the file to be cataloged QuickTime MPEG-2 Playback Component (in addition to QuickTime) is required. Although Internet Client Pro can be enabled to allow Web users to catalog video files including shot determination, shots cannot be downloaded and the functions for editing shots are not available for Web users.

Product Documentation

Cumulus Video Suite ships with the following manual in PDF format:

- Cumulus Video Suite – User Guide

The PDF manual can be downloaded from the Canto website.

Installation

Detailed installation instructions on installing the Cumulus Video Suite components can be found in the "Cumulus Video Suite – User Guide."