



media database

image catalogs

organize

Cumulus

find

catalog

search

convert

archive

preview

send



## The Company

Founded in 1990, Canto is a leading supplier of Digital Asset Management products and services. Canto is committed to delivering world-class solutions to its customers.

The company's product line "Cumulus" is designed to manage and archive all types of digital assets used in publishing, communication, production and other workflows. The Cumulus product line offers cross-platform and Internet technology that scales completely from Enterprise to Single User.

Since releasing Cumulus, Canto has continued to grow and expand its leading role within the Digital Asset Management market. With hundreds of thousands of Cumulus licenses sold, and more than 9,000 client/server systems installed worldwide as of the end of 2001, Canto is the clear market leader measured by market share.

Canto's products have been globally acclaimed and have won numerous prestigious awards from influential industry publications.

Canto also offers technical service, including needs assessment, seminars, training, integration, and customization. Furthermore Canto maintains a global network of Certified System Integrators.

### Our Mission

Canto focuses on thoroughly understanding the customers' needs and then fulfilling those needs by offering world-class products and solutions, be it a shrink-wrapped product or a customized solution.

Canto offers Digital Asset Management solutions ranging from Single User over Workgroup to Enterprise solutions. Canto will continue to meet the changing requirements in an ever-evolving market.

Canto maintains offices in the USA, Germany, France and Japan to keep close contact with our customers around the world.



# About Digital Asset Management

## Why Digital Asset Management?

You spend countless hours and vast amounts of money with creating and collecting images, videos, sounds, layouts and presentations. You have invested a lot of time in labeling these valuable digital assets, for example, by precisely assigning keywords. Now you definitely need a tool that will find your assets – and even more the valuable information about them – fast and efficiently the moment you need them. You need a Digital Asset Management (DAM) system.

Using a DAM system has many advantages. For example, a DAM system greatly increases your efficiency because it allows you to find already existing assets quickly – never again will you have to reproduce or relicense an image because you couldn't find the original.

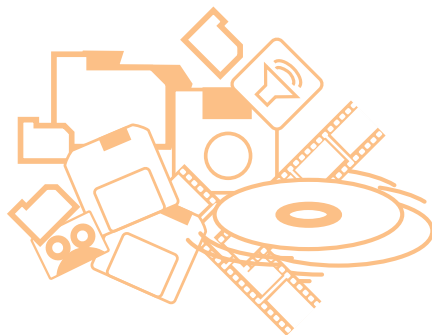
A DAM system can also be used to automate your workflow, helping you keep track of the work process and allowing you to seamlessly forward the

assets to the next person in the processing phase.

A DAM system also promotes communication and strengthens business relations. Sharing assets with customers and suppliers will improve cooperation and also enable you to increase business or even enter new business fields such as e-commerce. A DAM system will also support cooperation and communication within your organization since different departments as well as customers will be able to track a job's progress as it flows through the system.

## Who Needs a Digital Asset Management System?

All marketing departments, ad agencies, publishing houses, universities and other educational institutions, Web design firms, PR and documentation departments, libraries, museums, hospitals, construction firms, engineering companies, well literally every organization. As long as you have digital assets that need to be managed you can use a DAM system according to your individual needs. DAM positively impacts your ROI (return on investment) since it allows you to efficiently manage the investments you have already made in your digital files.



# Cumulus

Cumulus is the perfect Digital Asset Management System for multimedia files. It's ideal for organizing and publishing any digital file such as images, layouts, presentations, video, audio or text. Cumulus offers powerful search capabilities and access via the Internet, it reads metadata (the information about an asset that is also stored), it is flexible and customizable, and it can be expanded by adding Options. Whether you are a single user or operate within a network, Cumulus is the ideal solution.

## Automation means Efficiency

Right out of the box, Cumulus provides all the features you need in a powerful Digital Asset Management system. But Cumulus can go even further: its open software architecture and customizability let you integrate Cumulus perfectly into any existing workflow. Cumulus' API (Application Programming Interface) enables you to design repeating tasks and workflow efficiently. Due to Cumulus' API assets can be forwarded to the next workflow phase and users can be notified. Cumulus

can be easily integrated with other applications.

## Open for Integration

Many organizations use different applications for different assets. That is why it is so important for a DAM system to work smoothly with various programs. Cumulus was developed to support all top publishing applications. That's why you can easily drag & drop images out of Cumulus into other programs, read signatures and keywords out of files and exchange data with other databases. Cumulus supports a variety of storage devices such as external servers and CD-ROM jukeboxes.

## Publish Worldwide

Cumulus' capability to share assets globally over the net gives you unlimited possibilities. Whether within your corporation in different countries or worldwide on the Internet Cumulus can be used for the cooperation with customers and suppliers or serve as the base for your e-commerce solution.

## Product Variety

The Cumulus 5 product line consists of a range of applications that cover the requirements of a Digital Asset Management solution on all levels and platforms.

Cumulus 5 is available in 3 Editions:

- *Single User Edition – the professional solution for creative single users*
- *Workgroup Edition – for creative teams who rely on successful cooperation*
- *Enterprise Edition – for large corporations who require creative work with no boundaries*

Each progressive level of Cumulus 5 provides more functions and capabilities, but all are based on intelligent innovative Digital Asset Management technology, that is the core of Cumulus.



Illustrator Drawing

Encapsulated PostScript

QuickTime Movie

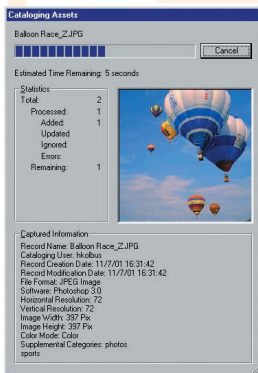
# Catalog

In Cumulus, when you “Catalog Assets” you add media files to a catalog. The file or the asset itself is not stored in the catalog but instead a substitute – a record – is stored in the catalog. Cumulus catalogs can manage all digitally saved media files. You can create as many catalogs as you want. Since Cumulus catalogs are platform compatible it doesn’t matter on what kind of computer the catalogs were created.

Just like any operating system’s file system Cumulus can manage all digital files. But Cumulus can do even more: in the case of certain file formats especially supported by Cumulus, important information can be read out of the files and be displayed in an information window. In addition, you can add whatever information you want.

When cataloging, a thumbnail of the asset is created and the asset’s information – what is known as metadata –

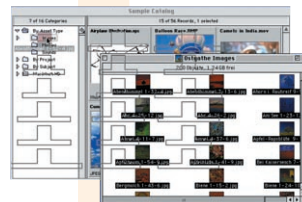
is read and stored. Metadata can be the copyright information, keywords, and even the entire text of a PDF file. Furthermore Cumulus will save the information on the original’s location, so that you always know where to find it, even if the respective CD is not inserted or a file server is not available at the time.



One of the most frequently asked questions regarding Cumulus is: “Which file formats does Cumulus support?” The answer is simple: “Cumulus supports all file formats”. Some formats

are especially well supported as Cumulus knows their internal structure and knows what information to read out of the assets. Other formats are cataloged with minimum information and a standard thumbnail.

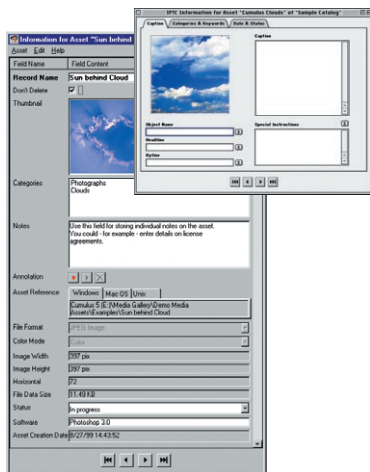
You can catalog assets either using a menu command or with drag & drop. You simply select the files and folders to be cataloged and drag them onto the Cumulus catalog window. A window will show the cataloging progress as well as the information being read.



Cataloging has finished when a record has been created for each asset.

# Organize

In Cumulus each cataloged asset is represented by a record containing all information Cumulus was able to read about the asset. The extent of the information depends on the file format. The asset information window shows what information has been saved.

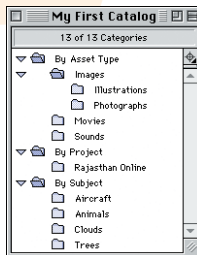


Even better, this window is not only used to show the existing information. Here you can also alter or add information. You can opt to use the standard Cumulus fields or you can create

your own custom fields to suit your individual needs.

You can also organize assets in Cumulus with the so-called categories. Cumulus organizes your media files in categories just like you would organize your documents in file folders in your office. And again Cumulus takes this method of organization further by allowing you to assign a file to several categories.

Records can be assigned to categories – and vice versa – via drag & drop. A company logo, for example, can be assigned to several categories although it has only been saved once.



Categories work much like keywords in other programs. Many Cumulus users employ categories for project organizing since a special category function can be used for project saving: you can drag a category's icon into the file system and Cumulus will create a folder with the category's name and copy all files assigned to this category into this folder.

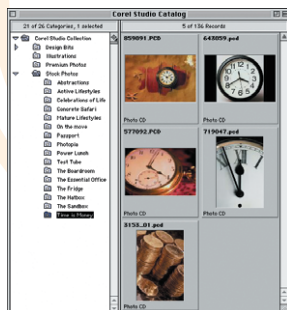
Cumulus will also save information on the categories, which is very useful when using categories to organize a project. The category information window can be customized so that you can save and read customer or project data such as customer number or date of project start and end for instance.

# Find

In Cumulus the records in which the metadata is saved represent the assets. Cumulus can also search for all saved metadata. The result of a search then shows all respective records.

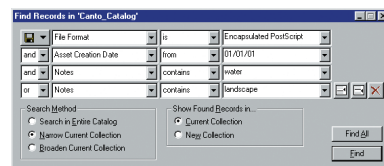
Cumulus offers two methods to search for records: either using categories or search requests. The best method depends on the catalog's size and organization and on the complexity of the search.

The easiest way to search is to double click on a category in the category pane. You can also select more than one to see all records assigned to the selected categories.



Cumulus' powerful searching capabilities unfold as soon as you perform a search using the search dialog. You can undertake very complex searches to find any information. Boolean operators such as "and" and "or" expand your search capabilities by several factors. Entering various search criteria is helpful when searching in very large catalogs. Take for example an image

in EPS format showing a landscape with a river. In this case you can perform a complex search (several search criteria) or even perform an additional search within your initial results.



You can save complex searches so you don't have to rebuild the search every time you need it. Saved searches also guarantee that the same criteria will be used in different work situations and teams.

Search results can optionally be displayed in a new window as a collection. Collections are cross-category and can be resorted, extended and saved.



## Use Your Digital Assets

Now that you've found the assets you need for your project in Cumulus, you can really start working. Cumulus offers many ways to use cataloged assets, making it an ideal marketing tool.

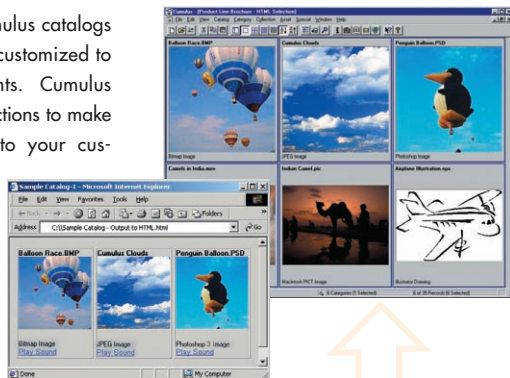
For example, Cumulus combined with a desktop publishing application can be a central tool for catalog production. All files used for the catalog production have been cataloged in Cumulus. It's easy to find the assets and create a collection within Cumulus. Next you open a layout file from within Cumulus and drag & drop images and text into your layout. You can even open the images directly out of Cumulus to edit them in advance.

All assets can be opened from within Cumulus into the original program they were created in and then be edited. You can drag & drop assets into documents, copy them to the desktop and even convert them into other formats. Assets and metadata can be printed.

The appearance of Cumulus catalogs and collections can be customized to meet your requirements. Cumulus offers a multitude of functions to make your assets available to your customers and partners, making it an ideal tool for e-commerce solutions for example.

You can publish your Cumulus collections easy and fast as HTML documents – including previews and if required with original asset references. In that case Cumulus takes the respective records as shown in the collection and converts them to the Internet standard JPEG format.

You can even combine the assets to a slide show, save them as a QuickTime movie and/or send them via e-mail. Of course Cumulus can also send out original assets via e-mail so that customers can receive them without having access to Cumulus catalogs.



Using your Digital Asset Management System efficiently and intelligently will turn your digital assets into company values that lay the groundwork for making your business even more successful and efficient.



## The Editions

Cumulus is available in three Editions and offers a variety of additional Options. You can combine the products according to your particular needs.

- You are a creative professional and work alone or you will use Cumulus for your private files:

### Single User Edition

- You work in a team in which everyone needs access to the same pool of assets:

### Workgroup Edition

- You are several workgroups and each team needs access to the same asset pool for different purposes:

### Enterprise Edition

### Cumulus 5 Single User Edition

The Cumulus 5 Single User Edition is the ideal program for a single workplace. Available for Mac OS and Windows it contains all basic functions described on the previous pages.



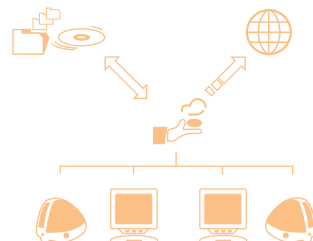
#### Cumulus Basic Functions

- *best support of all standard formats*
- *customizable thumbnail quality*
- *customizable previews*
- *customizable record and category fields*
- *writes IPTC data*
- *asset voice annotation*
- *variable searching of all field content*
- *fast results even for complex searches*
- *asset presentation as slide show*
- *create HTML pages*
- *send assets via e-mail*

### Cumulus 5 Workgroup Edition

The Cumulus 5 Workgroup Edition was especially designed for work teams or departments. It allows users to have joint access to the same catalogs and assets. User rights control the access to centrally administered catalogs. This Edition offers all basic Cumulus functions.

The Workgroup Edition is based on an open client/server architecture, the clients communicating with the server per TCP/IP. The Cumulus server runs



on Mac OS, Windows and Unix platforms and supports Mac OS and Windows clients. The client software can be installed on any number of computers, as only licensing limits the amount of clients accessing the Cumulus server at the same time.

The Workgroup Edition supports ODBC compatible database systems and the Cumulus 5 architecture enables you to easily integrate Cumulus into your workflow.

#### *Workgroup Edition Top Features*

- TCP/IP client/server architecture
- clients both for Mac OS and Windows
- joint access to the same asset pool
  - even from cross platform environment
- user rights at catalog level
- ODBC compatible

#### **Cumulus 5 Enterprise Edition**

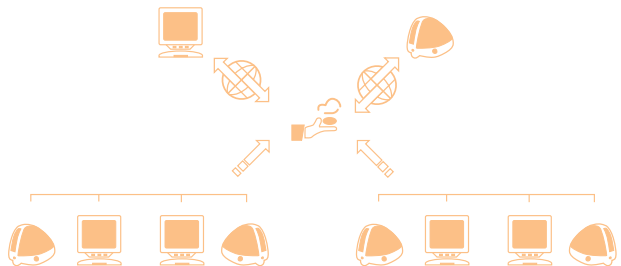
The Cumulus 5 Enterprise Edition offers special functions that allow you to comprehensively use Cumulus in different workgroups. Also, this Edition allows you to implement perfect customized solutions. The Enterprise Edition can be used straight away just as it comes. But its real beauty is its ability to be extended by individual functions.

The Enterprise Edition consists of Server and Client software, Viewer, Vault, URL AssetStore and technical support. Cumulus Connect is an additional Option for immediate access to other database systems such as Oracle 8i.

#### *Enterprise Edition Top Features*

- *AXR: automatic detection of usage and cross-references of assets*
- *Live Filtering: access control within catalogs, also on category and record level*
- *Cumulus Internet Client: Cumulus basic functions even with standard browsers*
- *Oracle 8i compatibility*

In addition to Cumulus' basic functions and those of the Options mentioned above the Enterprise Edition offers AXR™, Live Filtering™ and Cumulus Internet Client.

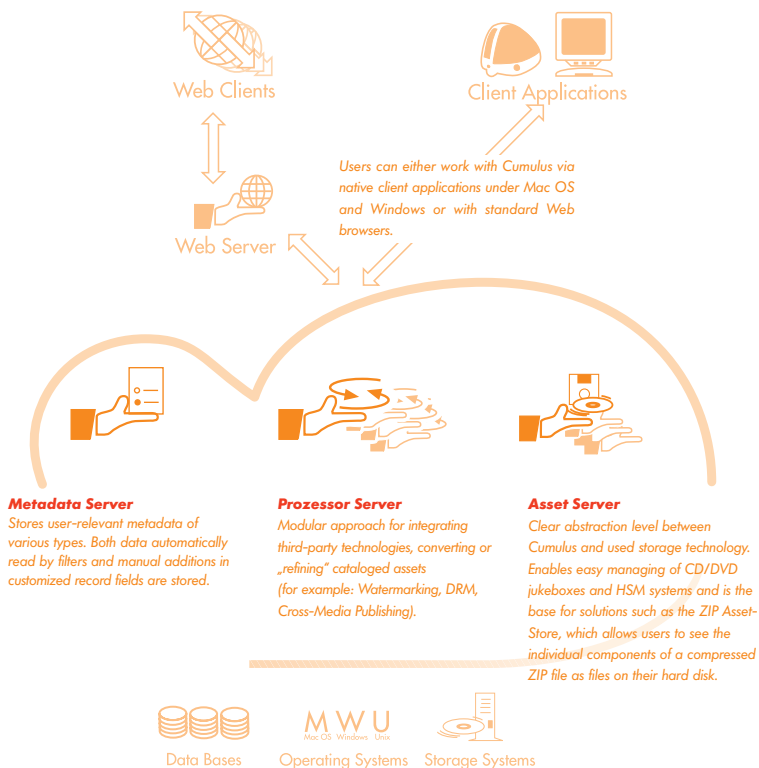


# The Architecture

The key advantage Cumulus has in real-life usage (and over its competition as well) is its powerful functionality and its modular, flexible architecture – an architecture that is at the core of all Cumulus Editions. Cumulus can grow with your requirements and can be extended as much or as little as needed. Thus Cumulus' basic functions are preserved and need not be learned repeatedly.

The open architecture of Cumulus enables Canto and other software and hardware vendors to integrate their products with Cumulus to create efficient solutions. This way the Cumulus architecture preserves even those investments you have already made in user education and in installed hardware and software.

Cumulus can be seen as "middleware" as it communicates between the levels of the employed operating systems, storage devices and databases and the user interface level. The main components of Cumulus are the metadata server, an asset server and a processor server. In the case of the Workgroup and Enterprise Edition these components can be installed on different computers with different operating systems. These components are part of the Cumulus application in the Single User Edition.



# Web Publisher

## Publishing Assets on the Web

Cantos Cumulus Web Publisher is the ideal Option for publishing your catalogs on the Web. Anyone with a standard Web browser can easily search for images and other documents and can even sort them and choose the items they want to download in the collection basket. You can also give users permission to have instant Internet access to your images, company logos and other files.

The Web Publisher consists of a Common Gateway Interface (CGI) and a set of default HTML pages. The CGI is an extension for the Web server and

connects it with the Cumulus server. It allows real time access to catalogs. Catalogs published on the Web can be the same catalogs that are accessed from a workstation, so any changes made locally are reflected immediately on the Web.

A catalog or search and display form layout can be customized for any company CI by either changing the default HTML templates or extending them with JavaScript and other common Web languages. You can find Web Publisher examples on our Web site.

- Cumulus catalogs online
- instant access to catalogs with standard browsers
- easy search and sort functions as well as Internet download functions
- interface of HTML templates customizable
- collection-basket function with protocol file



## Viewer

### Catalog Distribution for Your Assets

The Cumulus Viewer Option enables you to distribute your assets and digital Cumulus catalogs to companies or individuals who do not use Cumulus (yet) but could still benefit from Cumulus powerful functions. The catalogs can be distributed on all removable media such as CD-ROMs, DVDs or Cartridges. They can be distributed either with low resolution thumbnails or as the original assets. In conjunction with Cumulus URL AssetStore it's possible to publish catalogs with thumbnails that refer to originals stored on FTP or HTTP servers.

By buying the Cumulus Viewer Option you automatically obtain the permission to distribute the Cumulus viewer application royalty-free with your catalogs. The advantages are obvious: the recipients can open your catalogs with the viewer and furthermore, you won't have any further expenses.

You can also create hybrid CDs as the Viewer runs on both Mac OS and Windows. It offers all Cumulus search and access features. Catalogs can also be distributed with predefined views and categories.



- *distribution on all standard removable media (also hybrid CDs) possible*
- *optional low resolution thumbnails or original assets*
- *royalty-free for an unlimited number of catalogs*
- *easy search and sort functions*

## URL AssetStore



### Assets on FTP and HTTP

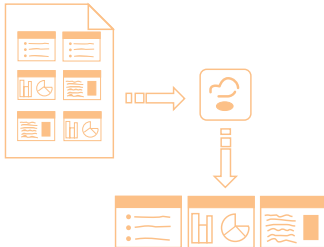
The URL AssetStore module enables Digital Asset Management using FTP and HTTP servers – it provides a central, platform-independent reference point for enterprise-wide assets. Catalog and access files are stored on remote FTP or HTTP servers as simply as on any file server and make the Internet a part of your centralized archiving strategy. You can also upload cataloged assets to FTP servers. That way you can easily maintain a theft and fireproof remote archive.

- *global access to assets via standard protocols.*
- *compatible with standard HTTP and FTP servers*
- *password management ensures security of archived assets*
- *seamless integration of assets cataloged via FTP or HTTP*

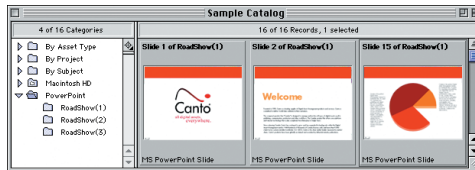
# PowerPoint SupportKit

## Manage Your Presentations and Slides Efficiently

You probably consider entire PowerPoint presentations as an asset. In addition, you probably also consider single slides and even their components as assets. And you most likely want to find slide components as easily as you find the entire presentation. It's even more likely that you often create new presentations by copying slides and text out of existing presentations. If so, you are one of the many professionals for whom Canto has developed the PowerPoint SupportKit.



The PowerPoint SupportKit gives you the choice on how to manage your presentations. Either the compound document is the asset or the document's components are the assets. In any case you can profit from Cumulus powerful search capabilities, find what you need instantly and easily insert it into your PowerPoint presentations.



- automatically catalogs single slides, slide text and notes
- place single slides from one presentation into another or even use them for a new one
- powerful searching, easy to find single slides and even text and notes
- excellent previews, users can recognize slide elements and read text
- place cataloged assets into a PowerPoint presentation

## ZIP AssetStore



## Transparent Management of Zip Compressed Files

You might need to manage assets compressed onto Zip archives. The ZIP AssetStore module was developed for this purpose. It allows you to manage any kind of digital file in Cumulus compressed with WinZip or PKZIP without having to waste time unpacking the Zip archives beforehand. The ZIP AssetStore module enables you to manage entire Zip archives and in particular the contained elements.

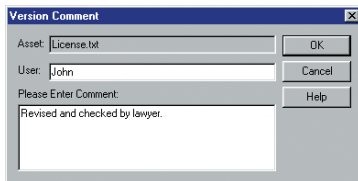
- automatically catalogs whole Zip archives as well as all compressed files contained therein
- supports password protected Zip archives
- automatically creates Cumulus categories based on the structure of the cataloged Zip archive
- powerful search capabilities to easily find single elements within a Zip archive



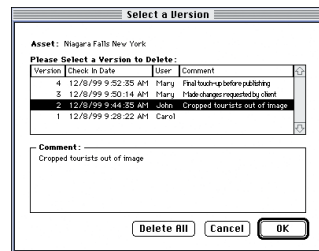
## Enhanced Security and Version Control for Your Assets

Cumulus Vault enhances a Cumulus Workgroup or Enterprise Edition by offering powerful version control. With Cumulus Vault you can monitor each workflow step be it the asset's status or who did what to an asset and when they did it. Workflow becomes transparent and efficient. Cumulus Vault guarantees that only one person at a time can work on a file and yet allows others read-only access to past work. All versions are saved so that the complete revision history is always available and version control is guaranteed.

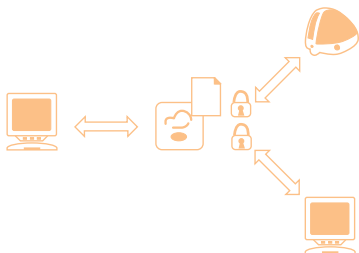
Cumulus Vault not only prevents users from unknowingly working on same assets at the same time – which often leads to lost and overwritten work – but also prevents additional production costs since such misunderstandings are eliminated.



When checking-in a version you can enter respective comments.



You can configure the application so that when checking an asset out of Vault, the program will ask which version this should apply to. A displayed overview showing the versions and comments makes it easy for you to select the right one.



- version control and history
- access control via check-in / check-out of assets
- checked-out assets can be viewed
- asset security
- centralized access - eases access for all clients by automatically accumulating assets in a central and managed location

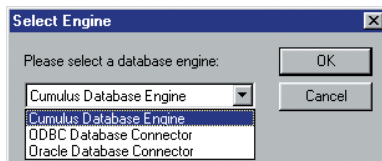


## 2PDF AssetProcessor

### Convert Cataloged Assets into PDFs On-the-Fly

PDF has become a de-facto standard that can be viewed and printed on most computers. Assets are typically saved in their original format and a PDF file is created to be distributed when required. In this case you have to manage both assets – the original and the PDF. As its name suggests the 2PDF AssetProcessor converts assets to PDF. From your workplace you can access an asset that is stored on the server in its original format and convert it instantly on the server to a PDF file. You don't even need the software

for the original format or the Acrobat software on your computer; they only have to be installed on the server. This, of course, saves the cost of buying multiple licenses. What's more with the 2PDF AssetProcessor you do not have to keep double data, giving you more disk space and preventing inconsistencies between the original and the PDF version.

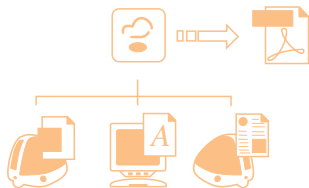


## Connect

### Integrate Standard Database Systems

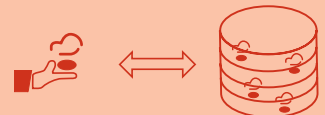
The Cumulus Connect Option is designed for customers who want to connect their Enterprise Edition with their existing database. The Cumulus database interface allows you to use the database system you want: either that of Cumulus 5 or your own or even both.

The Oracle 8i Connector lets you save Cumulus catalogs and metadata in an Oracle 8i database. When working with such a catalog you will not notice any difference and at the same time profit from the advantages of the existing database system.



- *convert assets on-the-fly centrally to the server from every workplace*
- *store & manage files in their originating format - retrieve & publish them in PDF*
- *individually choose job options centrally stored on the server*

- *seamless integration into existing database infrastructures*
- *distributed database structures*
- *catalogs can be larger than 4 GB*



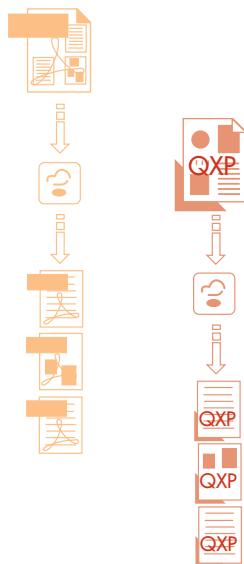
## PDF AssetStore

### Manage Your PDF Documents Efficiently

When searching for PDF documents you may want to find single pages and certain parts of text, not only the entire document. If you use the PDF AssetStore you won't waste any time manually opening different PDF documents and searching for specific pages or that certain paragraph you require.

- automatically catalogs PDF documents, individual pages and contained text
- can read out extracted text in order of appearance or first sorted by font size
- creates PDF files from the individual pages of a cataloged PDF file
- powerful searching, easy to find individual pages and even text
- excellent previews on-the-fly

The PDF AssetStore lets you manage single pages efficiently and also supports entire PDF documents. In any case you can profit from Cumulus' powerful search functions. Find just what you need and find it fast!



## QXP AssetStore

### Manage Your QuarkXPress Documents Smoothly

An entire QuarkXPress document is an asset but even more so the singles pages and text. With the QXP AssetStore you no longer have to manually open single QuarkXPress documents when searching for certain pages or text.

The QXP AssetStore not only catalogs the entire document but also single pages and the contained text. You can use Cumulus powerful search functions to quickly find what you need.

- automatically catalogs single pages including text
- powerful search functions for easily finding single QuarkXPress pages and text passages
- excellent previews on-the-fly

## Leonardo Module

### Asset Transfer via ISDN

The Leonardo Module enables you to transfer all kinds of digital assets via Hermstedt's Leonardo Express, Leonardo Internet Express or Grand Central Pro directly from the Cumulus 5 application, without having to open any other applications. Just one menu command lets you transfer selected assets via ISDN, FTP or Internet to a

remote station. This function can be easily integrated into an automated workflow. With every transfer the protocol data is automatically stored in the assets' metadata. Finally the respective record is updated and assigned to a category with the remote station's name.



- *asset transfer directly from Cumulus via ISDN*
- *saves transfer information in the asset metadata*
- *automatically updates records and assignments to remote station's category*

## More Options

### Third-Party and Partner Options

In addition to the Options created by Canto, you can also get extensions for the Cumulus Editions from other vendors. Some of these options can only be acquired within an integrated solution while others are offered out of the box. Partner Options include import/export applications, various filters supporting different formats, visual search technologies, and extensions for the Cumulus Web Publisher Option. Products extending the basic functions include special HTML templates, JavaScript extensions or e-mail ordering systems for example. The multitude of available Options once again underlines the flexibility of Cumulus and its architecture. Cumulus is a Digital Asset Management System that is continuously enhanced by many Canto partners and offers you increasing possibilities.

## About Formats

Of course Cumulus supports metadata standards such as EXIF and IPTC. IPTC-data can be read and written back. All metadata saved in Cumulus can be exported in XML structure. Cumulus also integrates systems such as OPI (OpenPre-Press Interface) and handles EPS (Encapsulated PostScript) and DCS (Desktop Color Separation). When copying a cataloged DCS asset for example all five files are copied although only one has been cataloged and represented by a record.

Cumulus also use filters that actually filter the relevant metadata out of a file to especially support file formats. Cumulus offers a multitude of filters, and you can also create your own filters for file formats not yet supported by Cumulus. Canto is constantly developing new filters. You will always find all filters currently available on Canto's Web site.

AIFF Sound, AU Sound, Audio CD, AutoDesk Animation, avivideo, Bitmap Image, CALS Raster Image, Canvas 3.5, CompuServe GIF Image, Corel Interchange 16 bits, Corel Interchange 32 bits, Corel Photo-Paint Image, Corel PHOTO-PAINT 7-8, Corel Presentation Exchange File, Corel R.A.V.E. Image, CorelDRAW 6 Filter, CorelDRAW 8 Filter, CorelDRAW Image, DICOM Picture, DV, Encapsulated PostScript Image, Encapsulated PostScript, Flash, FlashPix Image, FlashPix Picture, FrameMaker, FreeHand 3, FreeHand 4, FreeHand 5 Document, FreeHand 5 Template, FreeHand 7 Document, FreeHand 7 Drawing, FreeHand 8 Document, FreeHand 8 Drawing, FreeHand 9 Document, FreeHand 10 Document, GEM Image, GIF Image, HTML Document, Hypertext Document, Illustrator Drawing, InDesign, ITOCA Image, IPTC / ANPA Binary, IsoDraw, IsoDraw File, IVUC, IVUE, JPEG Image, JPEG TIFF Image, Kodak Camera Picture, Kodak DCS, Kodak DCS Camera Image, Kodak DCS Image, Kodak PhotoCD Image, Kodak PhotoCD Overview, LEAD CMP Image, LuraWave Wavelet Compressed Image, M1 AVideo, Macintosh PICT Image, Macintosh System Sound, Mac-Paint Image, Microsoft Access Wizard, Microsoft Excel Add-Ins, Microsoft Excel Document, Microsoft Excel Template, Microsoft FAX Document, Microsoft Office Binder Template, Microsoft Office Wizard, Microsoft Paint Image, Microsoft PowerPoint Document, Microsoft PowerPoint Presentation, Microsoft PowerPoint Show, Microsoft PowerPoint Slide, Microsoft PowerPoint Template, Microsoft PowerPoint Wizard, Microsoft Publisher Document, Microsoft Template, Microsoft Word Document, MIDI Sequence, MIDI Sound, Movie Clip, MP3 Format, MPEG Format, MPEG Layer-3 Audio, MPEG Video, MPEGVideo2, Multi-Ad Creator, MultiPage PCX Image, MultiPage TIFF Image, PageMaker 5 Publication, PageMaker 6 Publication, PageMaker 6.5 Publication, PCX Image, Persuasion 2, Persuasion 3, Photo CD, Photoshop 2 Image, Photoshop 3 Image, Photoshop Image, PICS Animation, PlainText, Portable Document, Portable Network Graphic, PureVoice, QuarkXPress Document, QuickDraw 3D Metafile, QuickDraw GX Graphics, QuickTime Image, QuickTime Movie, Real Time Streaming Protocol, RIFF, Scitex CT, Scitex LVJ, Sequencer, Session Description Protocol, SGI Image, SMIL, Sound Clip, Sound Designer II, SUN Raster Image, TARGA Image, Text Document, TIFF Image, topCAD, Video Clip, VivaPress Document, Wave Sound, WaveAudio, Windows Cursor, Windows Icon, Windows Metafile, Windows Video, WordPerfect Graphics, Zoom, Zoom 5 Filter version 2

## Technical Service

Canto strives to make its customers happy with its full line of technical support options. All customers with a registered full version of a Canto product receive support. We also provide priority support to those customers who have signed Canto's service contract.

But Canto offers more than the basic support that most software developers provide. We offer needs assessment analysis, individual integration service, training and complete customer solutions – everything our customers require to set up a Digital Asset Management solution that meets their specific needs.

You can obtain these services from Canto or from one of our Canto Certified System Integrators who specialize in your field and are located near your offices.

Canto's technical service and our certified partners will be glad to support you whether you want to expand your Cumulus installation or merely want to get the most out of your current Cumulus 5 system.

You can profit from the experience when realizing a perfectly customized Digital Asset Management System made to meet the exact requirements of your company.

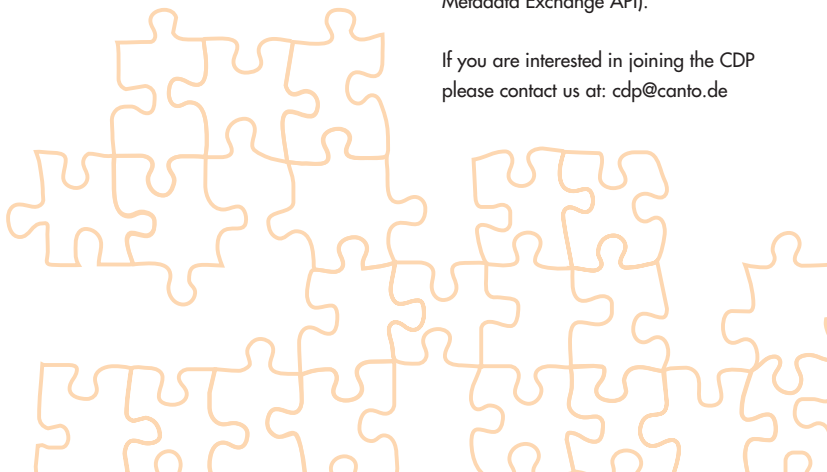
## CDP

### Cumulus Developer Program

The Cumulus Developer Program (CDP) is designed for customers who want to create a competitive advantage by tailoring off-the-shelf Cumulus products to specific needs, develop add-on Options for the Cumulus product line or integrate products with a Cumulus solution. The CDP comprises Cumulus Software Development Kit (SDK), training and support.

The Cumulus Software Development Kit (SDK) contains: sample-source-code, libraries, headers and all Cumulus API projects (for example Filter API and Metadata Exchange API).

If you are interested in joining the CDP please contact us at: [cdp@canto.de](mailto:cdp@canto.de)



**Fax Reply (415) 703-9823 (the Americas) +49-30 3931093 (rest of world)**

**I want to learn more  
about Cumulus:**

- ☐ Single User Edition  
☐ Workgroup Edition  
☐ Enterprise Edition  
☐ Option:

.....  
.....  
.....  
.....  
.....

- ☐ Technical Service

- ☐ Please call me:

Phone: .....

- ☐ Please contact me via:

E-mail: .....

@ .....

- ☐ **Please send me the current  
demo CD**

**I am interested in  
Cumulus and I want to:**

- ☐ use it  
☐ sell it  
☐ integrate it  
☐ other reason

.....

focus / industry:

.....

**Contact Information**

Company .....

Department .....

Name .....

Position .....

Address .....

.....

Phone .....

Fax .....

E-mail .....

www .....

**I'm considering employing  
Cumulus on:**

- ☐ Mac OS  
☐ Windows  
☐ Unix

**Please inform me regularly  
about the latest Cumulus de-  
velopments. Send e-news to:**

E-mail: .....

@ .....

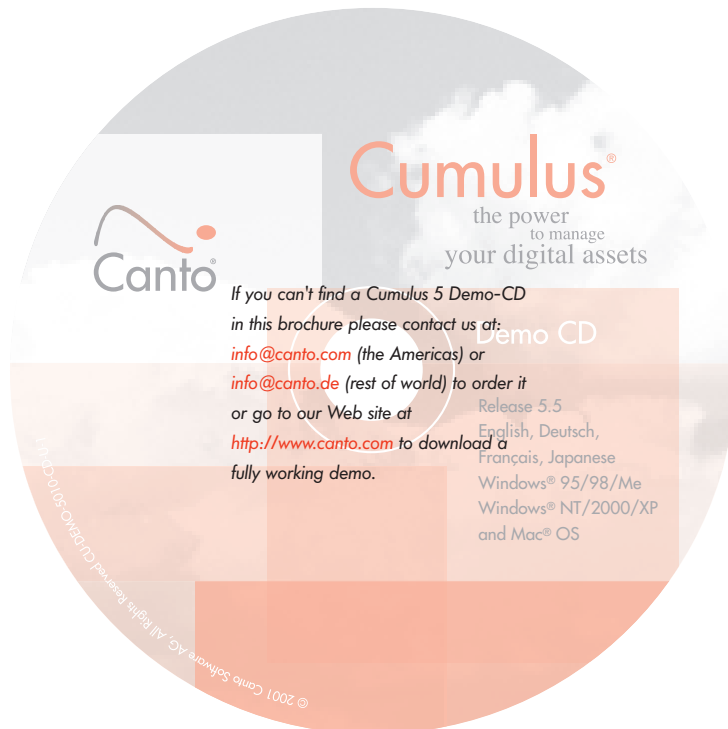


## Contents

# Cumulus®

the power  
to manage  
your digital assets

- The Company
- About Digital Asset Management
- Cumulus
  - Catalog
  - Organize
  - Find
  - Use Your Digital Assets
- The Editions
  - Single User Edition
  - Workgroup Edition
  - Enterprise Edition
- The Architecture
- Options
  - Web Publisher
  - Viewer
  - URL AssetStore
  - PowerPoint SupportKit
  - ZIP AssetStore
  - Vault
  - 2PDF AssetProcessor
  - Connect
  - PDF AssetStore
  - QXP AssetStore
  - Leonardo Module
  - Other Option
- About Formats
- Technical Service
- CDP





Canto Software, Inc.  
290 Division Street, Suite 400  
San Francisco, CA 94103  
USA

Voice: (415) 703-9800  
Fax: (415) 703-9823

E-mail: [info@canto.com](mailto:info@canto.com)  
[www.canto.com](http://www.canto.com)

Canto Software AG  
Alt - Moabit 59 - 60  
D-10555 Berlin  
Germany

Voice: +49 30 - 39 04 85 - 0  
Fax: +49 30 - 3 93 10 93

E-mail: [info@canto.de](mailto:info@canto.de)  
[www.canto.com](http://www.canto.com)