



## Cumulus HELIOS Companion

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### Overview

Cumulus® HELIOS Companion, as part of Canto's Digital Asset Management software, automatically synchronizes Cumulus catalogs and HELIOS EtherShare/PCShare volumes. HELIOS Companion 2.0.1 supports Cumulus 6.0.3, 6.x.x and 7.x. HELIOS Companion is based on the Cumulus Java Classes.

For details on all of Canto's Digital Asset Management products and services go to: [www.canto.com](http://www.canto.com)

### Requirements

The system requirements depend on the Cumulus Java Classes version used. Cumulus Java Classes 6.0.8 are included in HELIOS Companion 2.0.1.

- Cumulus Workgroup or Cumulus Enterprise Server 6.0.3 or later with an active HELIOS Companion Option serial number. NOTE: If used with a Cumulus Server 7.x, HELIOS Companion needs to be updated with Cumulus Java Classes 6.6 or the corresponding 7.x version.
- Cumulus Java Classes 6.0.8, 6.x.x or 7.0

Depending on the version of Cumulus Java Classes you use, the requirements differ:

- Cumulus Java Classes 6.0.8 (same requirements as for Cumulus Server 6.0.3)
  - Mac OS X 10.3 or higher
  - Windows NT, 2000, XP
  - Sun Solaris 7 or later
  - Linux: RedHat or SuSE 6.x or higher for Intel processors; not supported: Red Hat 9
- Cumulus Java Classes 6.5.1 (same requirements as for Cumulus Server 6.5)
  - Mac OS X 10.3 or higher
  - Windows 2000 (SP2), Windows XP or Windows Server™ 2003
  - Sun Solaris 8 or later
  - Linux x86 (libc6, kernel 2.4, glibc 2.3.2).  
Not supported: Red Hat Linux 8; SuSE Linux 8.1 (without any patches) and lower. Tested on: SuSE Linux 8.2, 9.1 and 9.2; Red Hat Linux 9.0 and Enterprise 3 (for all: patch status 01/2005)
- Cumulus Java Classes 7.x (same requirements as for the corresponding Cumulus Server 7.x)
  - Mac OS X 10.3.9 or higher
  - Windows 2000 (SP4 and latest patches), Windows XP (SP2) or Windows Server™ 2003 (SP1 and latest patches) – all including Microsoft Windows Installer 3.1; for all: patch status 06/2006
  - Sun Solaris 8 or later
  - Linux x86 (libc6, kernel 2.4, glibc 2.3.2).  
Not supported: Red Hat Linux 8; SuSE Linux 8.1 (without any patches) and lower. Tested on: SuSE Linux 8.2 and 9.2; Red Hat Linux 9.0, Enterprise 3 and 4 (for all: patch status 01/2005)

- Cumulus Java Classes 7.5 (same requirements as for the corresponding Cumulus Server 7.5)
  - Mac OS X version 10.4 (latest patches recommended) or Mac OS X Server version 10.4 (latest patches recommended)
  - Windows Vista (and latest patches), Windows 2000 (SP4 and latest patches), Windows XP (SP2) or Windows Server™ 2003 (SP1 and latest patches) – all including Microsoft Windows Installer 3.1; for all: patch status 06/2006
  - Sun Solaris 8 or later
  - Linux x86 (libc6, kernel 2.4, glibc 2.3.2).
- Not supported: Red Hat Linux 8; SuSE Linux 8.1 (without any patches) and lower. Tested on: SuSE Linux 9.2; Red Hat Enterprise Linux 3 and 4 (for all: patch status 01/2005)
- SUN Java 1.4.1 (with latest updates) or later for Cumulus Java Classes prior to 7.5  
SUN Java 1.5 or later for Cumulus Java Classes 7.5
- HELIOS Companion requires a UTF-8 locale.  
NOTE: HELIOS Volumes containing the monitored folders have to be configured to UTF-8.
- HELIOS EtherShare 3.1 (and optional additionally for connecting Windows computers to the server: PCShare 3.1). Follow the HELIOS recommendations for using an AFP 3.1 compatible version to support long file names.
- HELIOS ImageServer 2.5 with current updates (minimum u0313; u411 or higher recommended)
- PDF HandShake 2.1 (optional)
- 50 MB hard disk space for installation
- 20 MB RAM minimum for the Cumulus HELIOS Companion components
- TCP/IP protocol running

NOTE: HELIOS Companion and Cumulus Server on the Same Machine!

If you want to run HELIOS Companion on the same machine as your Cumulus Server, the installed operating system has to meet the system requirements of the Cumulus Server as well as those of the Cumulus Java Classes used by HELIOS Companion. For Linux this means

- If you want to use a Cumulus Server 6.5 with Cumulus Java Classes 6.0.8 or with a solution based on Cumulus Java Classes 6.0.8 (e.g. HELIOS Companion 2.0.1), your operating system must be SuSE Linux 8.2 as this is the only Linux version that meets the system requirements of both.
- If you have Cumulus Server 6.5 on a later version than SuSE Linux 8.2, you can run HELIOS Companion 2.0.1 with Cumulus Java Classes 6.5.1 only. You can install HELIOS Companion 2.0.1 and then update your HELIOS Companion installation with Cumulus Java Classes 6.5.1.

## Installing

Detailed installation instructions on installing the Cumulus HELIOS Companion components can be found in the "Cumulus HELIOS Companion – Administrator Guide."

IMPORTANT NOTE: HELIOS Filter and AssetProcessor should be installed with Cumulus Server version 6.0.3 only. Higher versions already include the corresponding versions of these components. Also the Cumulus Client software has NOT to be installed with version higher than Cumulus 6.0.3.

NOTE: HELIOS Synchronizer not integrated with HELIOS Service Controller!

To make sure that after a reboot of the machine the HELIOS Synchronizer is started, include the start-synchronizer.sh script in one of your starting routines. Take into account that the Cumulus Server and the HELIOS OPI services have to be started before the HELIOS Synchronizer can be started.

## Product Documentation

Cumulus HELIOS Companion is shipped with the following manual:

- Cumulus HELIOS Companion – Administrator Guide

The PDF version of the manual can be found on your Cumulus CD-ROM in the Documentation folder. The Documentation folder is located within the folder specified by language version. If you have purchased a download version, you can download the manuals separately from the Canto website.

## **Notes in Addition to the Manual**

### **Resynchronizing**

Before you start any resynchronizing process, make sure that the contents of the included volumes and folders will not change during the process. Furthermore, the contents of the included volumes and folders should not be changed before all Synchronize Setups are started again.

### **HELIOS Filter**

For most installations, we recommend that the HELIOS Filter entry for the EPS format should have a lower entry number than the Cumulus EPS Filter or the Cumulus EPS Filter should even be deactivated. You need the HELIOS Filter only for handling PDF files if you have PDF HandShake installed.

The HELIOS Filter supports XPPV files for Adobe InDesign and QuarkXPress. For QuarkXPress 6.1 it does not support thumbnails.

### **More than 20 Synchronize Setups Running**

If you have more than 20 Synchronize Setups running with your Cumulus installation we recommend increasing the value for delay (in the Preferences section of the HELIOS Companion Setup window) to 90 seconds.

### **Limitations**

The name of a Synchronize Setup must not contain special characters.

The following characters are allowed: a-z, A-Z, 0-9, and +, -, \_

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