

Cisco Digital Media System (DMS) is a comprehensive suite of digital signage, Enterprise TV, and desktop video applications that allows companies to use digital media to increase sales, enhance customer experience, and facilitate learning. This document provides links to resources and compatibility information for your Cisco DMS application.

- [Cisco Digital Media Manager](#)
- [Cisco Digital Signage and Enterprise TV](#)
- [Cisco Desktop Video](#)
- [Related Product Documentation](#)

Revised: July 6, 2009

## Cisco Digital Media Manager

Cisco Digital Media Manager is a Web-based media management application that helps you easily manage, schedule, and publish digital media to displays (Cisco Digital Signage and Enterprise TV) and through the Web to the desktop (Cisco Desktop Video). Cisco Digital Media Manager is the central management application for all Cisco DMS products: Cisco Digital Media Encoders (DMEs), Cisco Digital Media Players (DMPs), Cisco Video Portal, Cisco Video Portal Reports, and LCD Professional Series (LCD Pro) displays..

Cisco Digital Media Manager Resources	
Technical Documentation	<ul style="list-style-type: none"> <li>• For product-specific technical documentation, such as user or installation guides, see the <a href="#">Cisco Digital Media Manager</a> product support page.</li> <li>• For a list of all technical documentation for Cisco DMS, see the <a href="#">Guide to Documentation for Cisco Digital Media System</a>.</li> <li>• <a href="#">Release Notes for Cisco Digital Media System</a></li> </ul>
Marketing Documentation	For available white papers and data sheets, see the <a href="#">Cisco Digital Media Manager</a> product introduction page.
Downloads	To download system software, go to <a href="#">Technical Support Software Download</a> and choose <b>Video and Content Delivery &gt; Cisco Digital Media System &gt; Digital Media Manager</b> .
Caveats	To obtain the latest information about software bugs, go to <a href="#">Bug Toolkit</a> and choose <b>Video, Cable, and Content Delivery &gt; Cisco Digital Media Manager</b> .

Cisco Digital Media Manager Compatibility	
<b>Cisco DMS Release 5.1</b>	
Supported Upgrade Path	5.0.2 to 5.1
Supported	7835-H1, 7835-H2

Appliance Models	
Supported Software Modules and DMP Licenses	Cisco Digital Media Manager base software license (DMS-Admin), Digital Signage Module (DMM-DSM) software license, Video Portal Module (DMM-VPM) software license with Video Portal Reports, Live Event Module software license, Enterprise TV Module (DMM-ETVM) software license, SNMP Module software license, Digital Signage feature license for up to 10, 100, or 1000 DMPs
Supported Browsers for DMS-Admin, DMM-DSM, and DMM-VPM	<ul style="list-style-type: none"> <li>• Windows--Internet Explorer 6.0 or later, Internet Explorer 7.0 or later, and Firefox 2.x</li> <li>• Linux--Firefox 2.x</li> <li>• Mac OS X--Firefox 2.x</li> </ul>
Required Java for DMS-Admin, DMM-DSM, and DMM-VPM	Java Runtime Engine (JRE) 1.6.0 or later
Maximum Number of Supported DMPs per DMM Appliance	5,000 DMPs
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>	
Supported Upgrade Path	<ul style="list-style-type: none"> <li>• 4.1 to 5.0</li> <li>• 5.0 to 5.0.2</li> <li>• 5.0.2 to 5.0.3</li> </ul>
Supported Appliance Models	7835-H1, 7835-H2
Supported Software Modules and DMP Licenses	Cisco Digital Media Manager base software license (DMS-Admin), Digital Signage Module (DMM-DSM) software license, Video Portal Module (DMM-VPM) software license with Video Portal Reports, Live Event Module software license, Enterprise TV Module (DMM-ETVM) software license, SNMP Module software license, Digital Signage feature license for up to 10, 100, or 1000 DMPs
Supported Browsers for DMS-Admin, DMM-DSM, and DMM-VPM	<ul style="list-style-type: none"> <li>• Windows--Internet Explorer 6.0 or later, Internet Explorer 7.0 or later, and Firefox 2.x</li> <li>• Linux--Firefox 2.x</li> <li>• Mac OS X--Firefox 2.x</li> </ul>
Required Java for DMS-Admin, DMM-DSM, and DMM-VPM	Java Runtime Engine (JRE) 1.6.0 or later
Maximum Number of Supported	

DMPs per DMM Appliance	5,000 DMPs
------------------------	------------

## Cisco Digital Signage and Enterprise TV

- [Cisco Digital Media Player](#)
- [Cisco LCD Professional Series Displays](#)

### Cisco Digital Media Player

- [Resources](#)
- [Support for External USB Storage Devices](#)
- [Features](#)
- [Firmware Compatability with DMM-DSM](#)
- [Client Requirements](#)

Cisco Digital Media Player Resources		
Technical Documentation	<ul style="list-style-type: none"> <li>• For product-specific technical documentation, such as user or installation guides, see the <a href="#">Cisco Video Portal</a> product support page.</li> <li>• For a list of all technical documentation for Cisco DMS, see the <a href="#">Guide to Documentation for Cisco Digital Media System</a>.</li> <li>• <a href="#">Release Notes for Cisco Digital Media System</a></li> </ul>	
Marketing Documentation	<p>For available white papers and data sheets, see the <a href="#">Cisco Digital Media Player</a> product introduction page, including the following documents:</p> <ul style="list-style-type: none"> <li>• Cisco Digital Media System Deployments for Digital Signage with Cisco ACNS Software</li> <li>• Digital Signage Distribution Methodologies Overview</li> <li>• Digital Signage Content Overview</li> </ul>	
Accessories	Handheld remote control unit	See
	Mount kit	See .
Downloads	To download system software, go to <a href="#">Technical Support Software Download</a> and choose <b>Video and Content Delivery &gt; Cisco Digital Media System &gt; Digital Media Players</b> .	
Caveats	To obtain the latest information about software bugs, go to <a href="#">Bug Toolkit</a> and choose <b>Video, Cable, and Content Delivery &gt; Cisco Digital Media Manager</b> .	

Cisco Digital Media Player Support for External USB Hard Drives (and USB Flash Drives)		
<b>THIS</b>	<b>RUNNING</b>	<b>PASSED OUR TESTS WITH THESE EXTERNAL USB</b>

DMP MODEL	THIS FIRMWARE VERSION	STORAGE DEVICES			
		Manufacturer	Brand Name	Model Number	Capacity
DMP 4400G	5.1	Kingston	DataTraveler USB Flash Key	--	4GB
		Kingston	DataTraveler USB Flash Key	--	8GB
		DiskGo	EDGE	--	32GB
		Western Digital	WD Passport	--	320GB
DMP 4305G	5.1	Kingston	DataTraveler USB Flash Key	--	4GB
		Kingston	DataTraveler USB Flash Key	--	8GB
		DiskGo	EDGE	--	32GB
		Western Digital	WD Passport	--	320GB <sup>1</sup>
DMP 4300G	2.43.1	Western Digital	WD Passport Portable Drive	WD2500U017	250GB
		Lexar	JumpDrive Firefly	--	8GB
	2.42.1	Western Digital	WD Passport Portable Drive	WD1600U017	160GB
		Transcend	JetFlash 2A	TS16GJF2A	16GB

1. See [CSCsw67738](#) in Bug Toolkit.

Cisco Digital Media Player Features			
Cisco DMS Release 5.1			
--	DMP 4400G	DMP 4305G	DMP 4300G
Local Storage Size	4GB with 2GB usable	2GB	1GB
Streaming Media Support	HTTP streaming of MPEG content	HTTP streaming of MPEG content	HTTP streaming of MPEG content
Support for Enterprise TV and ETV remote	Yes	Yes	Yes

control			
Supported DMP Video Codecs and Effects	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, and MPEG 4 Part 10 delivered within MPEG-2 TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• H.264 encapsulated into MPEG-2 Transport Stream</li> <li>• Flash 6, Flash 7, Flash 9, and Flash 10</li> <li>• Scrolling ticker</li> </ul>	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, MPEG 4 Part 2 encapsulated on MPEG_TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• Flash 6, Flash 7</li> <li>• Fading ticker</li> </ul>	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, MPEG 4 Part 2 encapsulated on MPEG_TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• Flash 6, Flash 7</li> <li>• Fading ticker</li> </ul>
Required Firmware	See <a href="#">Firmware and DMM Software Compatibility</a> .	See <a href="#">Firmware and DMM Software Compatibility</a> .	See <a href="#">Firmware and DMM Software Compatibility</a> .
Supported Fonts <sup>1</sup>	<ul style="list-style-type: none"> <li>• Latin: Albany, regular weight, WGL character set; Verdana, regular weight, WGL character set</li> <li>• Traditional Chinese: MHei medium weight, MS Code Page 950</li> <li>• Simplified Chinese: MHei medium weight, GB18030 character set</li> <li>• Japanese: Hei Sei Square Gothic, MS Code Page 932</li> <li>• Arabic: Univers OTS</li> </ul>	The DMP does not support natively any language that is represented by a double byte or higher character set; anything outside of the Unicode range of U+0000 to U+007F will not display correctly.	The DMP does not support natively any language that is represented by a double byte or higher character set; anything outside of the Unicode range of U+0000 to U+007F will not display correctly.
	For local storage, we	For local storage, we	For local storage, we

Recommended Maximum File Size for Digital Signage	recommend a total of 2GB maximum. For streaming, we recommend a maximum file size of 1.9GB.	recommend that all applications fit on a 2GB SD card. For streaming, we recommend a maximum file size of 1.9GB.	recommend that all applications fit on a 1GB SD card. For streaming, we recommend a maximum file size of 1.9GB.
Recommended Encoder for Digital Signage or Enterprise TV	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a> , Scientific Atlanta <a href="#">D9054</a>	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a>	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a>
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>			
--	<b>DMP 4400G</b>	<b>DMP 4305G</b>	<b>DMP 4300G</b>
Local Storage Size	4GB with 2GB usable	2GB	1GB
Streaming Media Support	HTTP streaming of MPEG content	HTTP streaming of MPEG content	HTTP streaming of MPEG content
Support for Enterprise TV and ETV remote control	Yes	Yes	Yes
Supported DMP Video Codecs and Effects	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, and MPEG 4 Part 10 delivered within MPEG-2 TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• H.264 encapsulated into MPEG-2 Transport Stream</li> <li>• Flash 6, Flash 7, Flash 9, and Flash 10</li> <li>• Scrolling ticker</li> </ul>	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, MPEG 4 Part 2 encapsulated on MPEG_TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• Flash 6, Flash 7</li> <li>• Fading ticker</li> </ul>	<ul style="list-style-type: none"> <li>• MPEG 1, MPEG 2, MPEG 4 Part 2 encapsulated on MPEG_TS over User Datagram Protocol (UDP) in both standard- and high-definition</li> <li>• Flash 6, Flash 7</li> <li>• Fading ticker</li> </ul>
Required Firmware	See <a href="#">Firmware and DMM Software Compatibility</a> .	See <a href="#">Firmware and DMM Software Compatibility</a> .	See <a href="#">Firmware and DMM Software Compatibility</a> .

Supported Fonts <a href="#">1</a>	<ul style="list-style-type: none"> <li>• Latin: Albany, regular weight, WGL character set; Verdana, regular weight, WGL character set</li> <li>• Traditional Chinese: MHei medium weight, MS Code Page 950</li> <li>• Simplified Chinese: MHei medium weight, GB18030 character set</li> <li>• Japanese: Hei Sei Square Gothic, MS Code Page 932</li> <li>• Arabic: Univers OTS</li> </ul>	The DMP does not support natively any language that is represented by a double byte or higher character set; anything outside of the Unicode range of U+0000 to U+007F will not display correctly.	The DMP does not support natively any language that is represented by a double byte or higher character set; anything outside of the Unicode range of U+0000 to U+007F will not display correctly.
Recommended Maximum File Size for Digital Signage	For local storage, we recommend a total of 2GB maximum. For streaming, we recommend a maximum file size of 1.9GB.	For local storage, we recommend that all applications fit on a 2GB SD card. For streaming, we recommend a maximum file size of 1.9GB.	For local storage, we recommend that all applications fit on a 1GB SD card. For streaming, we recommend a maximum file size of 1.9GB.
Recommended Encoder for Digital Signage or Enterprise TV	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a> , Scientific Atlanta <a href="#">D9054</a>	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a>	Scientific Atlanta <a href="#">D9022</a> , Scientific Atlanta <a href="#">D9032</a> , Scientific Atlanta <a href="#">D9050</a>

1. The DMP uses these fonts when it renders a webpage that uses these fonts.

<p><b>Digital Media Player Firmware and Digital Media</b></p>
---

<b>Manager Software Compatibility</b>															
--	<b>DMP 4400G Firmware</b>					<b>DMP 4305G Firmware</b>					<b>DMP 4300G Firmware</b>				
--	5.1	5.0.3	5.0.2	5.0.1 <u>1</u>	5.0	5.1	5.0.3	5.0.2	5.0	2.43.1	5.1	5.0.3	5.0.2	5.0	2.43.1
<b>Cisco DMS Release 5.1</b>															
Digital Signage (DMM-DSM) 5.1	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	No
Enterprise TV 5.1	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No	No
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>															
Digital Signage (DMM-DSM) 5.0.3	No	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No
Enterprise TV 5.0.3	No	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No
Digital Signage (DMM-DSM) 5.0.2	No	No	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No
Enterprise TV 5.0.2	No	No	Yes	No	No	No	No	Yes	No	No	No	No	Yes	No	No
Digital															

Signage (DMM-DSM) 5.0	No	No	No	Yes	Yes	No	No	No	Yes	No	No	No	No	Yes	No
Enterprise TV 5.0	No	No	No	Yes	No	No	No	No	Yes	No	No	No	No	No	No
<b>Cisco DMS Release 4.1</b>															
Digital Signage (DMM-DSM) 4.1	No	No	N/A	N/A	N/A	No	No	No	No	Yes	No	No	No	No	Yes

1. DMP firmware 5.0.1 is the entirety of the Cisco DMS 5.0.1 release and available only for the 4400G.

<b>Client Requirements to Use DMM-DSM, DMD, or Digital Media Player Device Manager (DMPDM)</b>	
<b>Cisco DMS Release 5.1</b>	
Browsers <sup>1</sup>	<ul style="list-style-type: none"> <li>Windows--Internet Explorer 6.0 or later, Internet Explorer 7.0 or later, and Firefox 2.x</li> <li>Linux--Firefox 2.x</li> <li>Mac OS X--Firefox 2.x</li> </ul>
DMM-DSM Dashboard and Play in Future Schedules	Mac OS X 10.4 <sup>2</sup>
Digital Media Designer	Firmware version 5.1
Minimum supported resolution	1280 x 1024
Java	Java Runtime Engine (JRE) 1.6.0 or later
DMP kernel	DMP kernel creation date and time must be Tue Nov 18 14:48:57 EST 2008
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>	
Browsers <sup>1</sup>	<ul style="list-style-type: none"> <li>Windows--Internet Explorer 6.0 or later, Internet Explorer 7.0 or later, and Firefox 2.x</li> <li>Linux--Firefox 2.x</li> <li>Mac OS X--Firefox 2.x</li> </ul>
DMM-DSM Dashboard and Play in Future Schedules	Mac OS X 10.4 <sup>2</sup>
Digital Media Designer	<ul style="list-style-type: none"> <li>Firmware version 5.0 for DMP 4400G and 4305G</li> </ul>

	<ul style="list-style-type: none"> <li>Firmware version 5.0.1 for DMP 4400G</li> </ul>
Minimum supported resolution	1280 x 1024
Java	Java Runtime Engine (JRE) 1.6.0 or later

1. Ensure that the browser language preference setting is English (en\_us).
2. Until Apple supports JRE 1.6.0 or later, the DMM-DSM Dashboard, Play in Future Schedules, and Digital Media Designer may not function properly.

## Cisco LCD Professional Series Displays

Cisco LCD Professional Series Displays Resources	
Technical Documentation	<ul style="list-style-type: none"> <li>For product-specific technical documentation, such as user or installation guides, see the <a href="#">Cisco LCD Professional Series Displays</a> product support page.</li> <li>For a list of all technical documentation for Cisco DMS, see the <a href="#">Guide to Documentation for Cisco Digital Media System</a>.</li> <li><a href="#">Release Notes for Cisco LCD Professional Series Displays</a></li> </ul>
Marketing Documentation	For available white papers and data sheets, see the <a href="#">Cisco LCD Professional Series Displays</a> product introduction page.
Caveats	To obtain the latest information about software bugs, go to <a href="#">Bug Toolkit</a> and choose <b>Video, Cable, and Content Delivery &gt; Cisco Digital Media Manager</b> .

## Cisco Desktop Video

- [Cisco Video Portal](#)
- [Cisco Digital Media Encoder](#)

## Cisco Video Portal

Cisco Video Portal Resources	
Technical Documentation	<ul style="list-style-type: none"> <li>For product-specific technical documentation, such as user or installation guides, see the <a href="#">Cisco Video Portal</a> product support page.</li> <li>For a list of all technical documentation for Cisco DMS, see the <a href="#">Guide to Documentation for Cisco Digital Media System</a>.</li> <li><a href="#">Release Notes for Cisco Digital Media System</a></li> </ul>
Marketing Documentation	For available white papers and data sheets, see the <a href="#">Cisco Video Portal</a> product introduction page, including the following documents: <ul style="list-style-type: none"> <li>Cisco Digital Media System Deployments for Cisco Desktop Video with Cisco ACNS</li> </ul>

	<ul style="list-style-type: none"> <li>• Cisco Digital Media System Technical Overview: Focus on Cisco Desktop Video</li> </ul>
Downloads	To download system software, go to <a href="#">Technical Support Software Download</a> and choose <b>Video and Content Delivery &gt; Cisco Digital Media System &gt; Cisco Video Portal</b> .
Caveats	To obtain the latest information about software bugs, go to <a href="#">Bug Toolkit</a> and choose <b>Video, Cable, and Content Delivery &gt; Cisco Digital Media Manager</b> .

<b>Cisco Video Portal Compatibility</b>	
<b>Cisco Video Portal Release 5.1</b>	
Supported Upgrade Path <sup>1</sup>	5.0.2 to 5.1
Supported Appliance Models	7825-H2, 7825-H3, 7835-H1, 7835-H2
Supported Encoder File Types	Microsoft Windows Media (.wmv, .asf, .asx, wma, mp3), Adobe Flash (.flv and .mp3), Apple QuickTime (.mov), and MPEG/H.264 (.mp4, .m4v, .mp4v, m4a, and .mp3) up to a maximum 2GB per file
Supported Encoders for the Live Event Module and Ad-Hoc Streaming Controls	Cisco DME 1000, Cisco DME 1100, Cisco DME 2000, and Cisco DME 2200
Streaming Media Support	HTTP streaming of MPEG4 and Windows RTSP streaming services
Streaming Media Support	<ul style="list-style-type: none"> <li>• MCS-7825-H2 or MCS-7825-H3: Up to 500 users</li> <li>• MCS-7835-H1 or MCS-7835-H2: Up to 1000 users</li> </ul>
<b>Cisco Video Portal Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>	
Supported Upgrade Path <sup>1</sup>	<ul style="list-style-type: none"> <li>• 4.1 to 5.0</li> <li>• 5.0 to 5.0.2</li> <li>• 5.0.2 to 5.0.3</li> </ul>
Supported Appliance Models	7825-H2, 7825-H3, 7835-H1, 7835-H2
Supported Encoder File Types	Microsoft Windows Media (.wmv, .asf, .asx, wma, mp3), Adobe Flash (.flv and .mp3), Apple QuickTime (.mov), and MPEG/H.264 (.mp4, .m4v, .mp4v, m4a, and .mp3) up to a maximum 2GB per file
Supported Encoders for the Live Event Module and Ad-Hoc Streaming Controls	Cisco DME 1000, Cisco DME 1100, Cisco DME 2000, and Cisco DME 2200
Streaming Media Support	HTTP streaming of MPEG4 and Windows RTSP streaming services
Supported Number of	<ul style="list-style-type: none"> <li>• MCS-7825-H2 or MCS-7825-H3: Up to 500 users</li> </ul>

Concurrent Users <sup>2</sup>

- MCS-7835-H1 or MCS-7835-H2: Up to 1000 users

1. A Video Portal upgrade requires that you install the corresponding Digital Media Manager software release number on the DMM appliance.

2. Refers to the number of users who can successfully access and launch the Video Portal without retry in a 1 minute time span.

<b>Client Requirements to Use Cisco Video Portal</b>	
<b>Cisco DMS Release 5.1</b>	
Supported Browsers	<ul style="list-style-type: none"> <li>• Windows--Firefox 1.5 minimum or 2.x recommended, Internet Explorer 6.0 or later recommended, Mozilla 1.8 or later recommended</li> <li>• Linux or UNIX (support for Flash VoD files only)--Firefox 1.0 minimum or Firefox 2.x recommended, Mozilla 1.0 minimum or Mozilla 1.8 or later recommended</li> <li>• Apple Macintosh (support for Flash and QuickTime VoD files only)--Firefox 1.5 minimum or 2.x recommended, Safari 2.0 minimum or later recommended</li> </ul>
Adobe Flash plug-in	Adobe Flash 9 plug-in or later recommended
QuickTime plug-in	QuickTime Player 7.1 or later recommended
Windows Media plug-in	Windows Media 9 or later required
Cisco Digital Media Manager Live Event Module 1.0	<ul style="list-style-type: none"> <li>• Windows--Internet Explorer 6.0 or later</li> <li>• Apple Macintosh--VMWare Fusion 1.1.3 or later running Windows XP or Vista with Internet Explorer 6 or later recommended</li> </ul>
Minimum supported resolution	1024 x 768
Java	Java Runtime Engine (JRE) 1.6.0 or later
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>	
Supported Browsers	<ul style="list-style-type: none"> <li>• Windows--Firefox 1.5 minimum or 2.x recommended, Internet Explorer 6.0 or later recommended, Mozilla 1.8 or later recommended</li> <li>• Linux or UNIX (support for Flash VoD files only)--Firefox 1.0 minimum or Firefox 2.x recommended, Mozilla 1.0 minimum or Mozilla 1.8 or later recommended</li> <li>• Apple Macintosh (support for Flash and QuickTime VoD files only)--Firefox 1.5 minimum or 2.x recommended, Safari 2.0 minimum or later recommended</li> </ul>
Adobe Flash plug-in	Adobe Flash 9 plug-in or later recommended
QuickTime plug-in	QuickTime Player 7.1 or later recommended

Windows Media plug-in	Windows Media 9 or later required
Cisco Digital Media Manager Live Event Module 1.0	<ul style="list-style-type: none"> <li>• Windows--Internet Explorer 6.0 or later</li> <li>• Apple Macintosh--VMWare Fusion 1.1.3 or later running Windows XP or Vista with Internet Explorer 6 or later recommended</li> </ul>
Minimum supported resolution	1024 x 768
Java	Java Runtime Engine (JRE) 1.6.0 or later

<b>Client Requirements to Use Cisco Video Portal Reports</b>	
<b>Cisco DMS Release 5.1</b>	
Browsers	<ul style="list-style-type: none"> <li>• Windows--Firefox 1.5 minimum or 2.x recommended or Internet Explorer 5.5 minimum or 6.0 or later recommended</li> <li>• Linux or UNIX--Firefox 1.5 minimum or 2.x recommended</li> <li>• Apple Macintosh--Firefox 1.5 minimum or 2.x recommended</li> </ul>
Renesis SVG Player 1.1 Internet Explorer Plugin (required only for Internet Explorer)	Renesis SVG Player 1.1 or newer <a href="#">Internet Explorer Plugin</a>
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>	
Browsers	<ul style="list-style-type: none"> <li>• Windows--Firefox 1.5 minimum or 2.x recommended or Internet Explorer 5.5 minimum or 6.0 or later recommended</li> <li>• Linux or UNIX--Firefox 1.5 minimum or 2.x recommended</li> <li>• Apple Macintosh--Firefox 1.5 minimum or 2.x recommended</li> </ul>
Renesis SVG Player 1.1 Internet Explorer Plugin (required only for Internet Explorer)	Renesis SVG Player 1.1 or newer <a href="#">Internet Explorer Plugin</a>

## Cisco Digital Media Encoder

<b>Cisco Digital Media Encoder Resources</b>	
Technical Documentation	<ul style="list-style-type: none"> <li>• For product-specific technical documentation, such as user or installation guides, see the <a href="#">Cisco Digital Media Encoders</a> product support page.</li> <li>• For a list of all technical documentation for Cisco DMS, see the</li> </ul>

	<p><a href="#">Guide to Documentation for Cisco Digital Media System.</a></p> <ul style="list-style-type: none"> <li>• <a href="#">Release Notes for Cisco Digital Media System</a></li> </ul>
Marketing Documentation	For available white papers and data sheets, see the <a href="#">Cisco Digital Media Encoder</a> product information page.
Downloads	To download system software, go to <a href="#">Technical Support Software Download</a> and choose <b>Video and Content Delivery &gt; Cisco Digital Media System &gt; Digital Media Encoders.</b>
Caveats	To obtain the latest information about software bugs, go to <a href="#">Bug Toolkit</a> and choose <b>Video, Cable, and Content Delivery &gt; Cisco Digital Media Manager.</b>

<b>Cisco Digital Media Encoder Compatibility</b>				
<b>Cisco DMS Release 5.1</b>				
--	<b>Cisco DME 1000</b>	<b>Cisco DME 1100</b>	<b>Cisco DME 2000</b>	<b>Cisco DME 2200</b>
Transcoding Options	AVI/MPEG-2 to Windows Media transcoding	AVI/MPEG-2 to Windows Media transcoding	AVI/MPEG-2 to Windows Media transcoding	AVI/MPEG-2 to Windows Media transcoding
Supported Live Streaming and On-Demand Formats	<ul style="list-style-type: none"> <li>• Windows Media 9</li> <li>• MPEG-4/H.264</li> <li>• Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Media 9</li> <li>• MPEG-4/H.264</li> <li>• Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Media 9</li> <li>• MPEG-4/H.264</li> <li>• Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Media 9</li> <li>• MPEG-4/H.264</li> <li>• Adobe Flash (.flv), on-demand only</li> </ul>
Recommended Maximum Encoder Settings	<ul style="list-style-type: none"> <li>• Single live stream output with single VoD</li> <li>• Window Size: 400 x 300</li> <li>• Bit Rate: 350 Kbps</li> </ul>	<ul style="list-style-type: none"> <li>• Single live stream output with single VoD</li> <li>• Window Size: 640 x 480</li> <li>• Bit Rate: 2 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>• 2 live stream outputs with a VoD saved per output stream</li> <li>• Window Size: 640 x 480</li> <li>• Bit Rate: 2 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>• 2 live stream outputs with a VoD saved per output stream</li> <li>• Window Size: 640 x 480</li> <li>• Bit Rate: 2 Mbps</li> </ul>
Supported Software	5.2.187	5.2.187	5.2.187	5.2.187
<b>Cisco DMS Release 5.0, the 5.0.2 Patch, and the 5.0.3 Patch</b>				
--	<b>Cisco DME 1000</b>	<b>Cisco DME 1100</b>	<b>Cisco DME 2000</b>	<b>Cisco DME 2200</b>
Transcoding	AVI/MPEG-2 to Windows Media	AVI/MPEG-2 to Windows Media	AVI/MPEG-2 to Windows Media	AVI/MPEG-2 to Windows Media

Options	transcoding	transcoding	transcoding	transcoding
Supported Live Streaming and On-Demand Formats	<ul style="list-style-type: none"> <li>Windows Media 9</li> <li>MPEG-4/H.264</li> <li>Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>Windows Media 9</li> <li>MPEG-4/H.264</li> <li>Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>Windows Media 9</li> <li>MPEG-4/H.264</li> <li>Adobe Flash (.flv), on-demand only</li> </ul>	<ul style="list-style-type: none"> <li>Windows Media 9</li> <li>MPEG-4/H.264</li> <li>Adobe Flash (.flv), on-demand only</li> </ul>
Recommended Maximum Encoder Settings	<ul style="list-style-type: none"> <li>Single live stream output with single VoD</li> <li>Window Size: 400 x 300</li> <li>Bit Rate: 350 Kbps</li> </ul>	<ul style="list-style-type: none"> <li>Single live stream output with single VoD</li> <li>Window Size: 640 x 480</li> <li>Bit Rate: 2 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>2 live stream outputs with a VoD saved per output stream</li> <li>Window Size: 640 x 480</li> <li>Bit Rate: 2 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>2 live stream outputs with a VoD saved per output stream</li> <li>Window Size: 640 x 480</li> <li>Bit Rate: 2 Mbps</li> </ul>
Supported Software	5.2.187	5.2.187	5.2.187	5.2.187

## Related Product Documentation

- [Cisco MXE software and hardware](#)
- [Cisco ACNS software](#)
- [Cisco WAAS software](#)