

CMS-1 0

Control room management suite



Barco's CMS-120 software is an advanced control room management suite which facilitates decision-making and allows for more efficient collaboration in small to medium-sized control rooms. Barco's control room management suite provides operators and decision-makers with easy access to information and allows them to connect to information, to configure how it is displayed, and to collaborate in the most efficient way.

Connect

Thanks to its networked concept, Barco's CMS-120 software enables users to easily connect to a multitude of sources, regardless of where the information has to be presented - on small LCD displays, video walls or operator workstations. Since all sources are available over the network, no dedicated hardware is necessary to visualize the information.

Control

Barco's CMS-120 software offers nearly unlimited possibilities to control and manage displays and sources. Thanks to the usability-engineered CMS environment, managing information is done intuitively.

Collaborate

With CMS-120, Barco has redefined control room collaboration. Through the unique concept of Perspectives, CMS allows to make more efficient use of the control room display estate, and to share user-defined information views with colleagues more efficiently.

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Features and compatibility requirements

Features

Central Server

- Central setup & connection management
- JBOSS™ application server based
- Central configuration database
- Fully distributed & modular component technology
- Fast setup time
- Browser based user interface
- Auto-detection of network sources
- Full redundancy support*
- **Control Panel**
 - Online configuration of sources, displays & system variables
 - Backup & restore capabilities
 - Scheduled backup
 - Advanced remote logging
- **Integration**
 - Fully featured Web services based API covering all functions
 - Simple Web service API with limited function set
 - Legacy RS-232 and TCP/IP API support

Client Software

- Java™ Web Start
- Zero maintenance
- Automatically saves the user's work
- **Sidebar**
 - Easily explore the complete system
 - Minimal use of screen estate
 - Live search for fast browsing
 - Source browser to open any source quickly
 - Fully drag and drop enabled
 - Minimal learning curve
 - Audio decoding of video streams
 - Full resolution and full frame rate preview of all supported sources
- **Mini Display**
 - Remotely monitor displays over the network with the actual preview of all sources shown
 - Drag and drop from sidebar to mini display for quick perspective changes
 - Integrated soft KVM for remote control of displays
- **Perspectives**
 - One window with multiple sources
 - Perspectives can be opened and shown on both workstations and displays alike
 - Standard and custom Tiling configuration
 - Share your perspectives with other workstations or displays
 - Integrated soft KVM for remote control of sources
 - Decorators including: UMD, IDC, Source Name, Time (time zone aware), Date, Text, Logo, Message Ticker, Source status

Display Agent

- Perspective management
- Save and load layouts (complete display presets including perspectives and applications)
- **Desktop Manager**
 - Start, stop and position applications & sources freely over the complete desktop
 - Application automation (macro recording of mouse and keyboard actions)
- **Remote Pointer**
 - Remote keyboard and mouse control from and towards other networked desktops (bi-directional)

Supported sources

- Analog & Streaming Video
- Analog (RGB) and Digital (DVI-I) sources
- Networked desktops (VNC)
- Networked multi-channel workstations and Applications (Pro Sources)
- Intranet & Internet sources

Compatibility requirements

Central Server

- Any Microsoft Windows XP SP2 PC**
- Barco provided IBM dual Xeon server (Linux based)
- Minimum 10GB free hard disk space
- Minimum 2GB memory
- At least 2.16GHz dual core CPU or equivalent

Unmanned Displays

- Any Microsoft Windows XP SP2 PC**
- Nvidia Quadro FX 1700+ preferred for full feature support
- Barco PWS-101 support
- Barco TransForm A support
- Barco Frame Grabber support
- Minimum of 300MB free hard disk space
- Minimum 2GB memory
- At least 2.16GHz dual core CPU or equivalent

Manned Displays

- Microsoft Windows XP SP2**
- Nvidia Quadro FX 1700+ preferred for full feature support
- Barco PWS-101 support
- Barco Frame Grabber support
- Minimum 300MB free hard disk space
- Minimum 2GB memory
- At least 2.16GHz dual core CPU or equivalent

* Redundant Server support on Linux from December 2008 onwards.

** Microsoft Windows Vista SP1 support from December 2008.

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Barco is an ISO 9001 registered company.
Technical specifications are subject to change without prior notice.
The latest version of this product sheet can be found on www.barco.com

Contact Barco
Europe, Middle-East, Africa: +32 56 26 20 09
USA: +1 678 475 8000
Latin America: +55 11 38421656
Japan: +81 3 5762 8727
China: +86 400 88 22726
Or mail to sales.security_and_monitoring@barco.com

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