

TransForm N CMS

Control room Management Suite



Barco's CMS software is an advanced control room management suite, and part of the TransForm N system proposition. It supports a fully modular networked architecture through a set of software components, which allows for easy video-wall management, efficient collaboration and fast decision-making in and beyond any control room.

The software provides operators and decision-makers with easy access to video, images and data, and allows them to connect to this information, to configure how and where it is displayed, and to collaborate in the most efficient way. The feature license based setup and multiple deployment options give your control room system an unmatched flexibility and availability.

All-round control room management

Barco's CMS monitoring and collaboration software proves its power in various control room environments and is field-proven by over 12,000 installations worldwide. From Traffic and Surveillance scenarios to Utilities, Process Control, C4I and Broadcast uses, Barco's CMS suite allows operators to make the most of their complex networked control room environment.

Flexible integration

Customers who have invested in a VMS or PSIM solution, can also benefit from the open and secure APIs supported by CMS, which allows the software to be integrated with other leading situational awareness applications. The assured compatibility with a large number of ICT & AV source types, assures the full flexibility to bring any source on any video wall inside any multi-location distributed TransForm N deployed system.

Long term support

Barco's CMS Software Care program assures that via 3-monthly version updates the CMS software and with it the complete TransForm N system is kept secure, and new feature improvements are added to answer your evolving business needs.

CMS Component Specifications

CMS Central Server

- Multiple deployment options including Barco Enterprise Server and any NSD type TransForm N output node
- Facilitates central setup & connection management for the decentralized TransForm N system components
- Facilitates central TransForm N system configuration database for easy backup & restore
- Facilitates central TransForm N system feature license management
- Fast set-up & update/upgrade maintenance
- Accessible via browser-based user interface
- Auto-detection of TransForm N network sources
- Supports dual server "Auto Fail Over" full redundancy (Feature license based option)
- Supports a centralized SOAP and/or Telnet API, covering all TransForm N system functions (Feature license based option)
- Supports advanced **authorization & security options**:
 - Secure user management
 - Active directory & LDAP support (Feature license based option)
 - Roles & permissions
 - Encrypted access to administrative functions
- Supports advanced system logging
- Facilitates the webserver for the Launchpad and Collaboration Wall Manager browser-based UIs
- Can manage up to 1000 configured source inputs
- Can manage up to 100 sidebar or video-wall outputs

Control Panel system administration UI & Sidebar control room operator UI

- Software can be deployed from central server on one or more Windows client PC part of TransForm N network domain
- Facilitates multi-language UI options (Feature license based option)
- Automatically saves the user's work towards the CMS central server database
- Control panel supports configuration of sources, displays, roles & permissions and other TransForm N system variables
- Sidebar main features supported are:
 - Secure user management
 - Easily explore the complete TransForm N system
 - Minimal use of screen estate
 - Source browser to open any source quickly
 - Fully drag and drop enabled layout design for any wall inside TransForm N system
 - Full resolution and frame rate preview of all supported sources with if applicable audio & KB/M interaction support

- Perspective and/or source transformation design including support of overlay decorator options like: UMD, IDC, Source-name, Time (time zone aware), Date, Text, Logo, Message Ticker, Source status
- Minimal learning curve

Launch pad & Collaboration Wall Manager client UIs

- Zero install browser based UI
- Collaboration Wall Manager facilitates intuitive auto-layout of sources for use in breakout & meeting rooms
- Launch pad facilitates easy quick switching between layouts and basic layout editing

Display Agents

- System specific updates for TransForm N NDN & NSD type display nodes
- Available for download from central server

ProServer & Progateway

- Proserver TransForm N system optimized screen-scraping software for use on for windows OS computers
- Progateway for parallel distribution towards multiple video-walls of Proserver- of Web-sources
 - Supported on W10 server
 - Support for load-distribution over multiple Pro-gateway servers inside single TransForm N system
- Sidebar supported remote keyboard and mouse control of Proserver- & Web-sources
- Available for download from central server

CMS Feature licenses

• CMS Server Base 16 CON	R9832708
• CMS Server Base 32 CON	R9832709
• CMS Server Base 64 CON	R9832710
• CMS Server Base 100 CON	R9832713
• CMS Viewer License	R9832702
• CMS Sidebar License	R9832699
• CMS Display License	R9832698
• CMS AFO License	R9832711
• CMS API License	R9832703
• CMS Localization License	R9832714
• CMS Basic License Pack	R9832730
• CMS SW Care License	R9805137
• CMS Reinstate License	R9833540

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