

VidSys and Barco

VidSys PSIM incorporates Barco CMS visualization

Barco and VidSys, two leading suppliers in their respective fields, join forces to maximize situational awareness and minimize decision making time.

VidSys

VidSys provides a browser-based **physical security information management (PSIM)** software platform that continuously fuses, instantly correlates, and converts vast amounts of data into meaningful and actionable information gathered from virtually any system or sensor into one common view and presents step-by-step instructions for situation management, tracking and resolution that helps organizations drive compliance, regulation, and standards.



Barco

Barco provides flexible and mission-critical visualization products and software consisting of high-quality displays, rear-projection and near-seamless LCD video walls, graphic controllers and a **control room management suite (CMS)** – an advanced software for easy display wall management, efficient collaboration and fast decision making based on sharing the right visual information at the right time easily.

General Concept

The operator in the control room uses the VidSys PSIM software as the primary interface for situation management in their personal workspace. The VidSys PSIM platform now provides extended capability to manage the content on the Barco CMS-powered video wall, or any CMS-powered display device. Seamlessly within the VidSys PSIM interface, the operator can select between pre-programmed video wall perspectives, or drag-and-drop multiple, disparate data sources within a given perspective.

Benefits

- **Increased situational awareness** thanks to the VidSys PSIM-managed common operational picture on the Barco CMS-powered video wall(s) and displays
- **Shorter reaction times** thanks to easy sharing and updating of the common operational picture through a single user interface
- **Reduced training time** thanks to integrated display management and visual collaboration
- **Reduced installation time** for initial installation as well as device and sensor expansion projects thanks to syncing subsystem database from VidSys PSIM to Barco CMS.

Barco CMS Functionality within VidSys PSIM

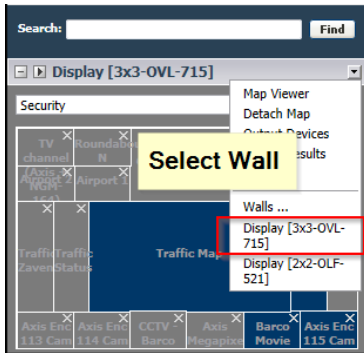


Fig 1
Select Barco display out of several Barco displays or display walls

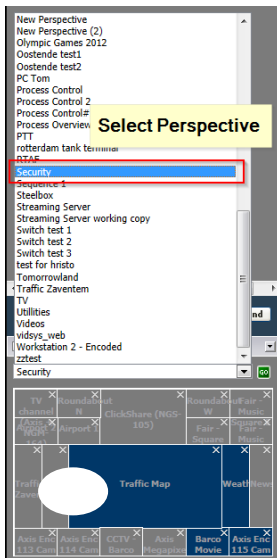


Fig 2
Select pre-programmed CMS perspective for full size view on specific Barco display

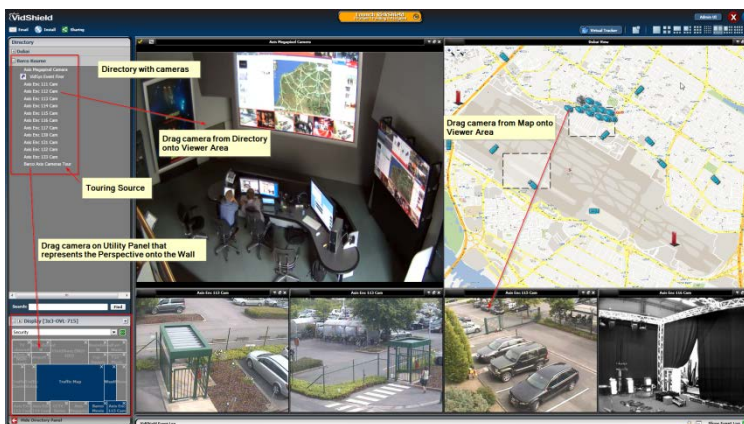


Fig. 3
Within Barco perspective drag-and-drop camera sources

Architecture

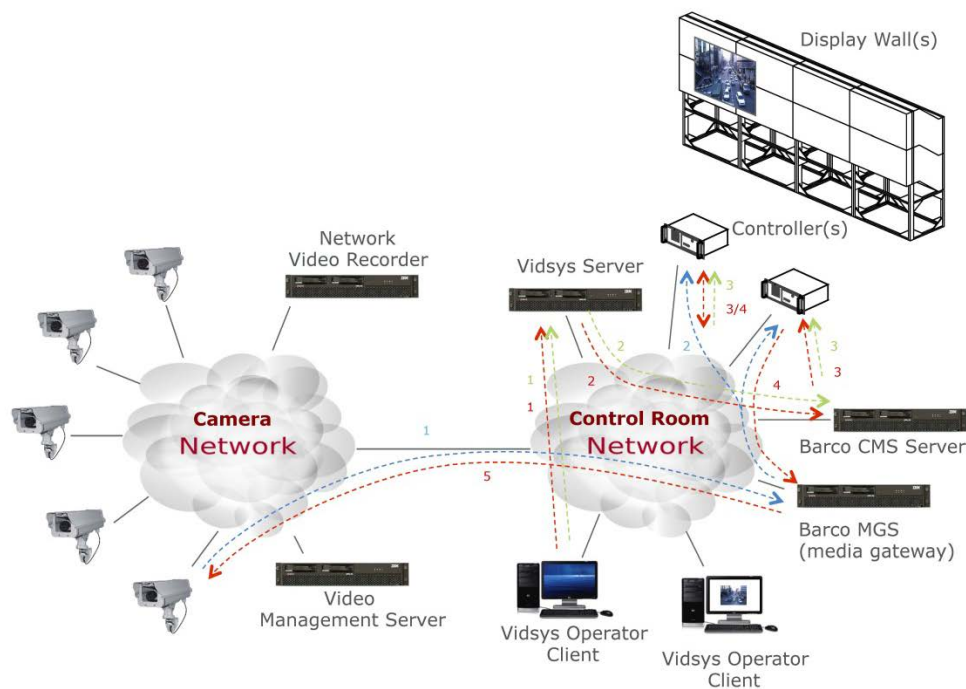


Fig 4
Source streaming

Source Control

Through drag & drop functionality in the VidSys Graphical User Interface (GUI), the VidSys server makes a request to the CMS server to execute a local IP stream session setup and decoding on the Barco controller(s), aided by the MGS media gateway for protocol management.

Display Management Control

Through perspectives and wall layouts in the VidSys GUI, the VidSys server requests the CMS server to load the requested perspective on the Barco wall through the Barco controller.

Solution requirements

- VidSys PSIM software version 6.6
- VidSys Barco CMS Connector – see VidSys Barco CMS Connector Data Sheet for more information
- Barco Transform N hardware
- Barco CMS 2.2
- For Barco customers currently using Apollo and/or Transform A, please contact Barco for the migration to CMS
- IP Camera's and/or encoders, security systems, and other assets to be supported by both VidSys and Barco, please contact Barco and VidSys for their interoperability lists or forward plans
- Please always contact Barco and VidSys for needs analysis and documented quotation
- Multicast recommended

Request more information

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About the Barco Strategic Alliances program

Great products need great focus. That is why Barco allies with other top players in their fields of expertise to build the best solutions available. By combining complementary strengths, we can optimize the integration of the systems and offer one single system

to the customer. This simplifies deployment, optimizes efficiency, minimizes reaction time, and reduces costs in a variety of selected professional markets. This creates a win/win situation for all parties involved, our customers in the first place.

More information? Please visit our dedicated webpage www.barco.com/alliances