

Lenel[®] OnGuard[®] and Barco

Lenel OnGuard integrates with Barco CMS

Lenel OnGuard

Lenel OnGuard is an open architecture security platform, to help customers achieve ultimate integration flexibility on every aspect of their system, from access control and video management to operating systems and databases. OnGuard continues to advance capabilities to support customers' current and, even more critically, their future security requirements. The open architecture that allows OnGuard to integrate seamlessly with advanced third-party technologies also enables cost-effective system migration and protection of legacy investments.

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Barco

Barco provides flexible and mission-critical visualization software and hardware products consisting of high-quality displays, rear-projection and near-seamless LCD video walls, graphics 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.

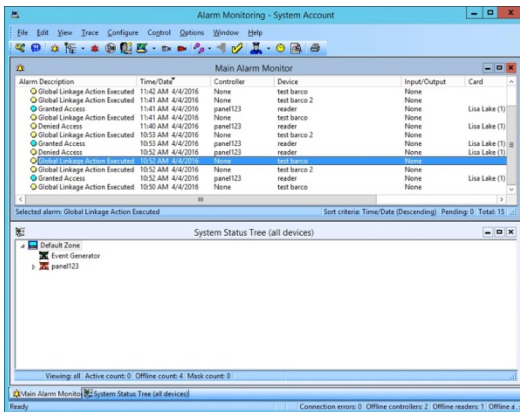
General Concept

This integration enables OnGuard users to automate CMS Perspective switching on a Barco video wall based on alarm events as well as display numerous high resolution high frame rate video streams from Lenel LNVR simultaneously using Barco software and hardware.

Benefits

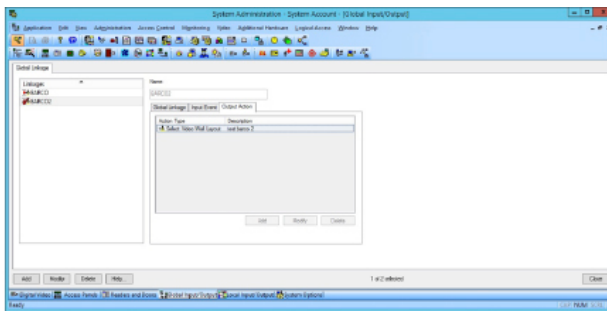
- OnGuard Access events can be linked to automate changes of Barco CMS Perspectives on the Barco video wall
- RTSP support for video streams from LNVR can now be displayed seamlessly on the Barco video wall

Barco CMS Functionality within Lenel® OnGuard®

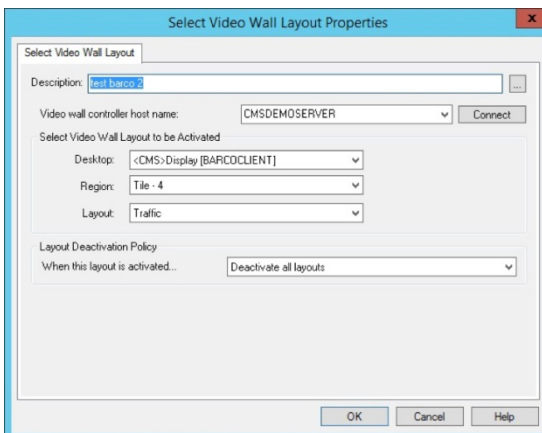


- OnGuard's Alarm Monitoring can now register alarms with global linkage actions that cause change on the Barco video wall.
- The global linked actions can be opening or closing of CMS Perspectives when a specific alarm event is triggered to automate visualization changes.

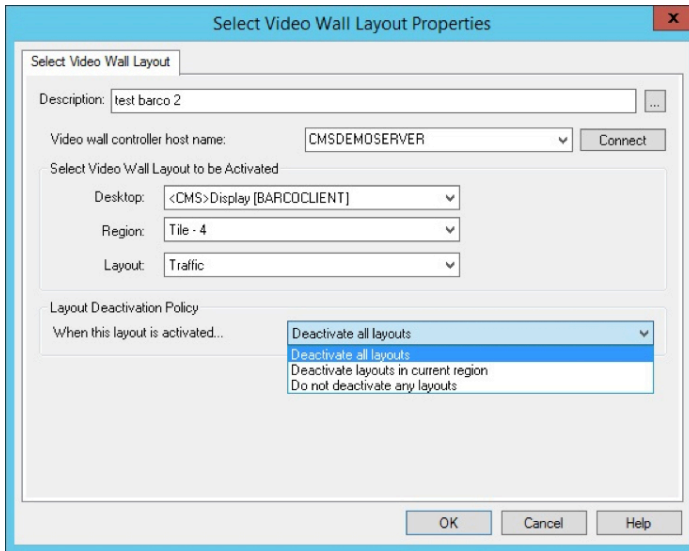
Configuration Interface



- Lenel OnGuard's integration with Barco CMS enables changing of CMS Perspectives triggered by an OnGuard Global Linkage.
- Multiple Global Linkages can be defined in the Global Input/Output section of the OnGuard System Administration.

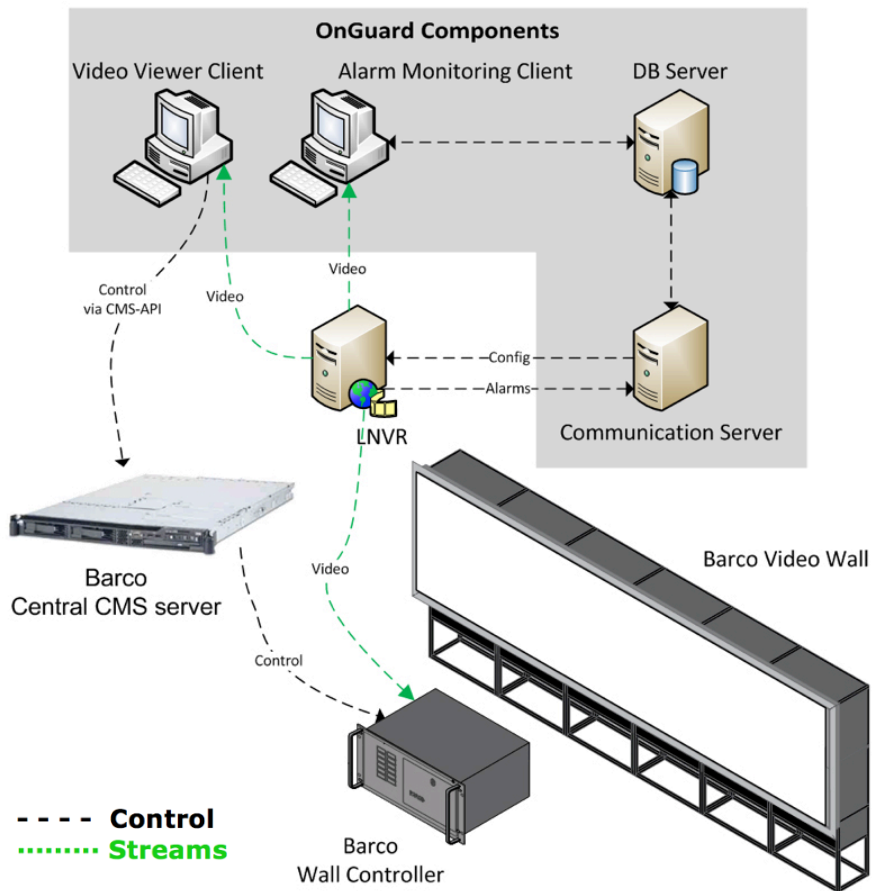


- Activation of a CMS Perspective can be defined as an action where the CMS Perspective is activated on a particular CMS Display.



- Activation of a CMS Perspective can also be linked to deactivate either all existing CMS Perspectives, or, Perspectives in a specific region, or, no other currently active Perspectives

Architecture



Integration flow

- Lenel® NVR sends RTSP video streams to the Barco video wall controller to display inside the Barco CMS Perspectives
- Lenel Video Viewer Client controls the Barco CMS Server via the CMS API interface and triggers changes to the visualization layer based on predefined rules linked to alarm triggers in the OnGuard® System Administration module.

Solution requirements

- Software integration compatibility reference:

Lenel	Barco
OnGuard Version 7.2 (7.2.269) and LNVR Version 7.2.140	Barco Transform N system with CMS 3.0.1
OnGuard Version 7.3 (7.3.345) and LNVR Version 7.3.127	

- For Barco customer currently using Apollo and/or Transform A, please contact Barco for upgrade options.
- In general, widely available standard H.264 and in most cases MJPEG cameras and/or encoders are supported by both Lenel and Barco. For confirmation on particular brand and model number please contact Barco and Lenel for their interoperability lists or forward plans.
- Please always contact Barco and Lenel for needs analysis and documented quotation.

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