

Digifort and Barco

Digifort Surveillance integrates with Barco CMS visualization

Digifort

Digifort is the first Brazilian software for “IP Surveillance” and digital image storage. Known as an IP Surveillance System, the product carries advanced features, equipment and technological solutions for the segments of digital intelligence, corporate surveillance and urban security. It has approximately 12,000 customers worldwide, with about 200 manufacturers and over 5,000 integrated camera models. Presently, its platform is continuously developed in Brazil, commercialized in over 100 countries and translated into 16 languages, making the software one of the best in international market evaluations.



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

Digifort is an advanced IP surveillance software with the ability to control and view images from IP or analog cameras connected via video servers or encoders, and features such as automation, intelligent image analysis and license plate recognition, as well as image recording for future searches and selective recovery. Digifort Surveillance supports Barco video wall controllers that independently and natively decode the requested streams and populate them on the Barco video wall grid. Barco video walls can be controlled in three ways: via Barco’s Control Room Management suite software (CMS), the Digifort Surveillance Client, or a mix of both.

Advantages

- **Efficient integration** for viewing Digifort cameras on Barco display walls
- **Fast configuration** allows users to quickly set up cameras on Barco displays
- **Seamless integration** allows users to leverage their knowledge of Digifort operation and easily control the integrated virtual matrix without extra training

Barco CMS Functionality within Digifort Surveillance

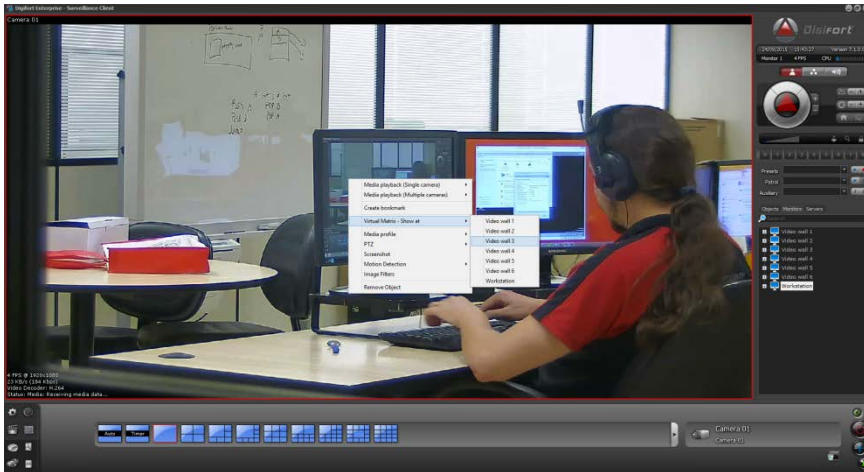


Fig. 1

Digifort Surveillance Client – Sending cameras or views to Video Walls (displays)

- Virtual monitors can be created inside a big display
- Drag & drop cameras into any available virtual monitor
- Or right click to open the camera menu and select an available virtual monitor
- Barco is able to decode Digifort streams from any camera
- Digifort and Barco CMS interfaces do not exclude each other and can be used simultaneously

Configuration Interface

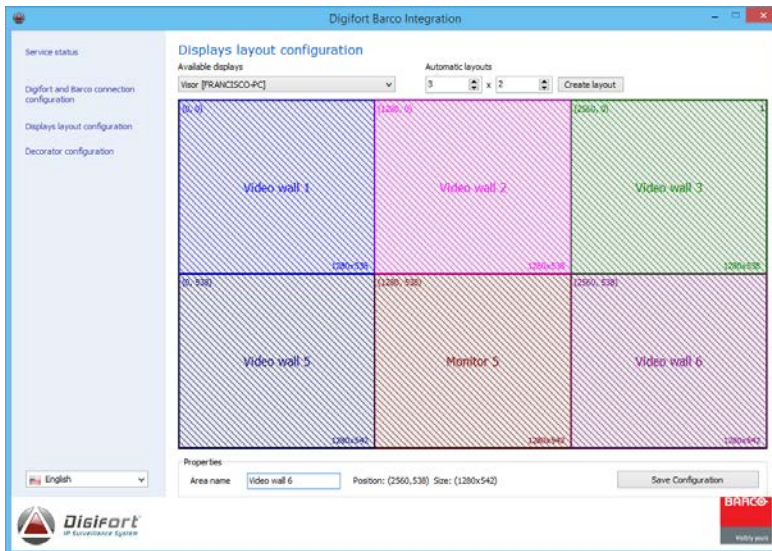
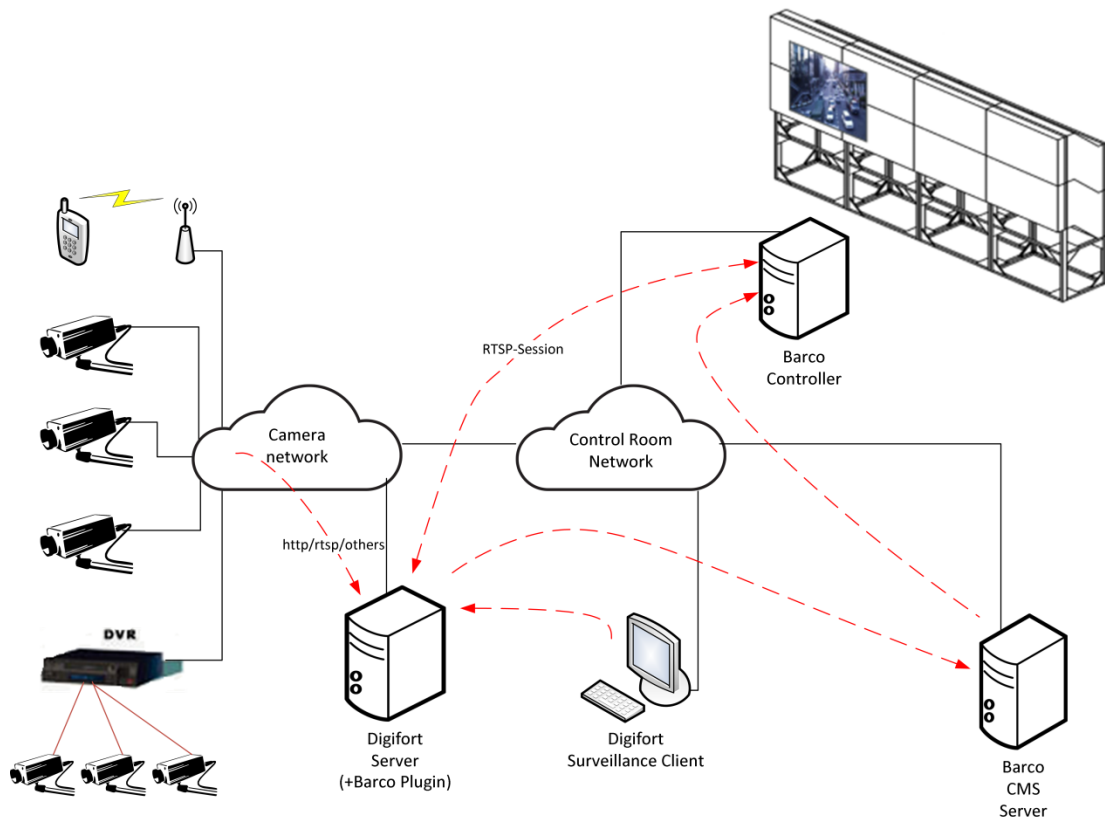


Fig. 2

Easy configuration allows creating virtual monitors inside a big display or creating a single monitor to show camera images in full screen mode

Architecture



Integration flow

In Digifort Surveillance Client, the operator first defines the video content for the display wall via drag & drop. The Digifort server then instructs the Barco CMS server, which instructs the display controller(s) to retrieve, decode and display the video on the Barco display according to the selected camera or view.

Solution requirements

- Barco
 - Barco Transform N system (installed/licensed):
 - Control Room Management Suite (CMS) version 3.0.1
 - Licenses:
 - Standard applicable CMS licenses
 - Alliance Integration License – Digifort
- Digifort
 - Digifort Enterprise or Professional 7.1
 - Digifort licenses according to the number of cameras
- In general, widely available standard H.264 and MPEG-4 cameras and/or encoders are supported by both Digifort and Barco. For confirmation on a particular brand and model number, please contact Barco or Digifort for their interoperability lists or forward plans.
- Please contact Barco and Digifort any time for a needs analysis and custom 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