

Content sharing



Visualization of networked desktops

In many organizations there is a need to distribute information from and to multiple screens or display walls. These displays might be placed far apart, in separate buildings or even in different parts of a country.

Barco provides a flexible and cost-effective means to display and distribute server or workstation information across the network. There is no need to go for expensive, lower quality analog display matrix switchers with tons of cables. Use your existing network infrastructure to convey the display information over long distances to achieve near real-time collaboration. On a display wall, a number of workstations can be easily displayed. The total display wall content can also be displayed on one or more workstations and display walls.

Main features

- Image scaling
- Full API support
- Remote control keyboard & mouse
- Record & playback
- Software or hardware accelerated

There are three software tools, each with its unique features: COTTUS VIEWER, PRO VIEWER and VNC VIEWER. All three viewers are part of the APOLLO viewer family and as such share the same behavior and features.

The viewers each use different technology, for each viewer a small application (server) needs to be installed on the transmitting workstation or display wall.

In case a software solution is not an option, the Barco TRANSFORM SCN desktop encoder will allow to stream a desktop over the network without the need to install software on the source PC.

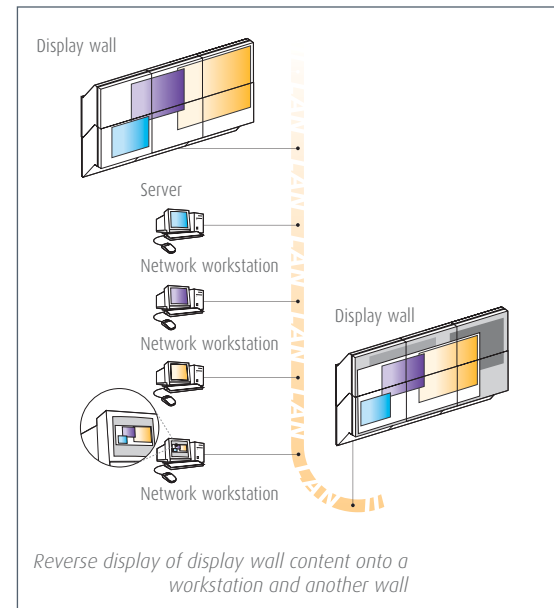
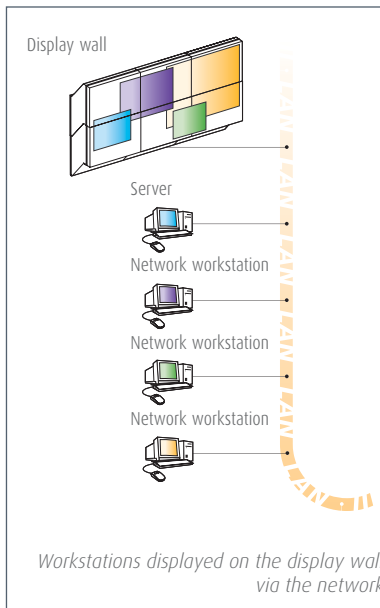
BARGO

Visibly yours

Technical specifications Apollo's content sharing

Detailed feature overview:

- Display a nearly unlimited amount of applications, workstations, servers and display walls over the network.
- Distribute single workstations, servers or even complete display walls to any number of other display walls.
- Compatible with Windows 98, Me, NT, 2000, XP, 2003 Server and Unix sources.
- Content can be freely moved, scaled and zoomed on the display wall. Efficient upscale and downscale algorithms create the best possible picture quality.
- Guaranteed pixel-by-pixel exact copies of screen content possible. No color conversions for color-critical applications. Ideal for applications where high detail and color accuracy are important.
- True collaboration by allowing viewers to take over mouse and keyboard control of remote PC's. This control option can be limited through APOLLO's user authentication mechanism and user interface.
- Full integration into APOLLO allows for advanced window- and LAN-based source management.
- The viewers implement several engines that allow for the most efficient bandwidth usage, depending on the display content and bandwidth availability on the network.
- Quick connection and fast initial screen build up with fast screen refresh.
- Recording of all connected desktop sources on the network possible through the COTTUS VIEWER.
- Use the TRANSFORM SCN for hardware accelerated desktop streaming.



	COTTUS VIEWER	PRO VIEWER	VNC VIEWER	SCN
• Operating system	MS Windows	MS Windows	Multi OS	All
• Bandwidth usage	Low ¹	Medium ²	High ²	Up to 30Mbit
• Response	Synchronous between server and viewer	Asynchronous update	Asynchronous update	Asynchronous update
• Connection	One to One One to Many	One to One One to Many	One to One One to Many	One to One One to Many
• Dynamic region capture	Full desktop Dynamic Region	Full desktop Dynamic Region Application	Full desktop Dynamic Region	Full desktop Dynamic Region
• Max desktop size	Unlimited	Unlimited	Unlimited	UXGA
• Remote control	Yes	Yes	Yes	Yes
• Secure connection	Yes ³	-	-	-
• API support	Full	Full	Full	Full
• Record & playback	Yes ⁴	-	-	Yes

¹ For static applications this can be as low as 20 kb/s, for dynamic MS PowerPoint presentations bandwidth can peak to up to 2 Mb/s.

² Bandwidth usage for the PRO VIEWER and VNC VIEWER may be several times higher when compared to the COTTUS VIEWER.

³ Please contact us for full details on security certifications and approvals.

⁴ Average disk usage: 1-2 Mb/minute.

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