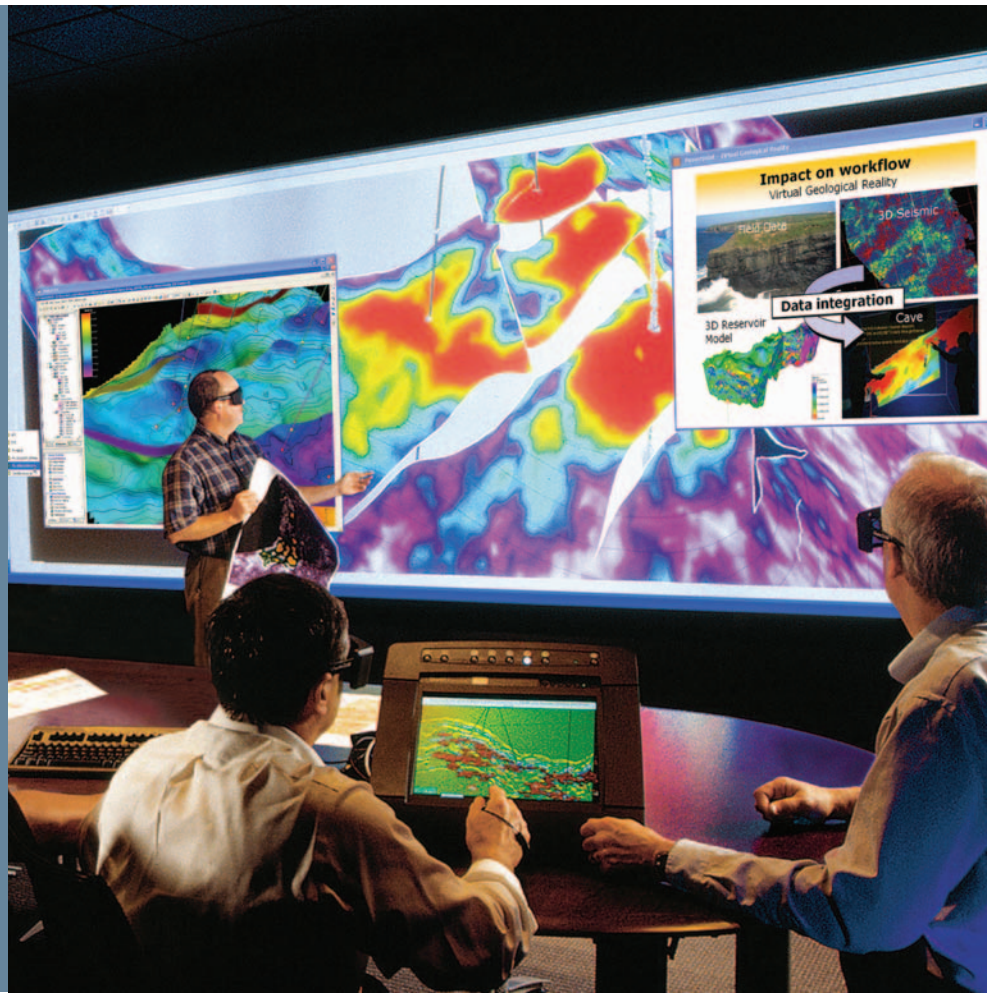
XDS-1000



Multi-windowing display management system

The powerful XDS-1000 manages multi-channel, high-resolution display walls easily with keyboard and mouse. On its integrated Windows XP desktop, it seamlessly and flexibly integrates data and video sources in multiple windows. In this way, the XDS-1000 provides for the ultimate immersive, collaborative working environment, in monoscopic, stereoscopic or hybrid displaying.

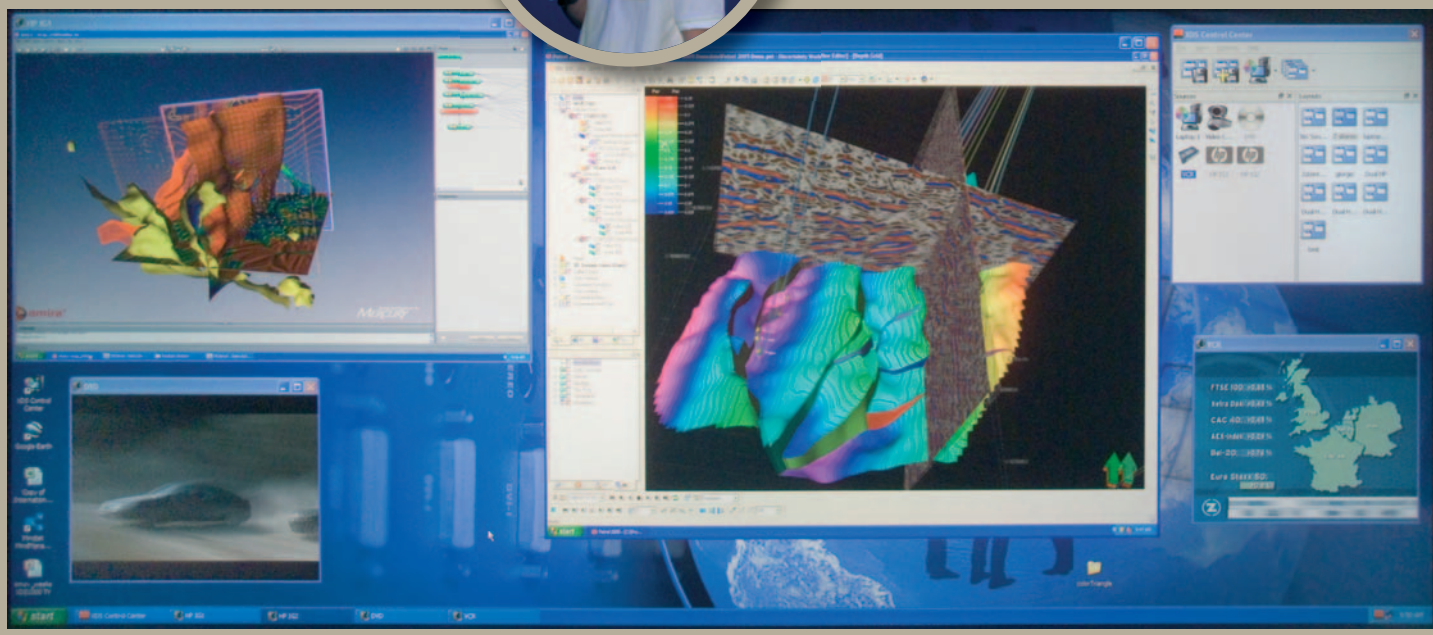
BARCO

Visibly yours

Total immersion: powerful display of stereoscopic sources

The XDS-1000's stereoscopic capabilities allow in depth display of complicated data, such as car models in the automotive industry, or seismic data in the oil and gas industry. Hidden details or correlations that would otherwise take a considerable amount of time to find and analyze, become clear immediately in a virtual, immersive work environment.

The XDS-1000 can display up to six stereoscopic sources simultaneously. It can even display mono and stereo sources at the same time, making it unique in the market. You can interact with and edit the 3D images with tracking devices, eliminating the need for expensive remote controls, matrix switchers or touch panels.



Business-critical visualization technology for impr

Interacting with large amounts of data

Today's information systems provide data of such size, diversity and complexity that they require greatly detailed representation. To gain an edge over their competitors, leading organizations of the future need user-friendly technology that helps them analyze and explore this content simultaneously and in depth, rendering the decision-making and collaborative processes more efficient and productive.

Visual excellence, tens of millions of pixels

The XDS-1000 is ideal for driving large display walls that provide the user with a large, immersive viewing area. Its power to show tens of millions of pixels in bright colors becomes clear when you zoom in on details on the screen, without loss of image quality. Barco's renowned edge blending technology eliminates seams where windows and images overlap, thus creating one large, seamless display wall.

Easy operation with mouse and keyboard

An integrated, user-friendly desktop

The XDS-1000 is the latest in Barco's line of desktop integrated projection systems. It features an embedded Windows XP interface on which you can share, display and edit any number of application or source windows, whether locally stored or networked. There is no need for a remote control; you can easily operate the system with a mouse and keyboard.

oved data and resource management

Easy selection of sources and lay-outs

To improve large-screen operations, the built-in XDS Control Center software allows you to choose any connected hardware device and open it in a window that can be resized and positioned anywhere on the screen. Similar options can be found through the "My Sources" option in the Start Menu. The adjacent "My Layouts" option even enables you to save any user-created configuration of sources and applications, and recall them instantaneously for later use.

Unlimited, uncompromising display flexibility

The XDS-1000 effortlessly teams up with other hardware, such as DVD, satellite TV, videoconferencing systems, laptops or even multi-channel stereoscopic workstations, and displays these sources in native resolution, in multiple windows. Thanks to Barco patented technology, each source is displayed synchronously, in its own native resolution and frequency. No matter how many sources you display, the XDS-1000 will keep running at the same impressive speeds.

Real-time, multi-site collaboration

Crystal clear collaboration through advanced videoconferencing

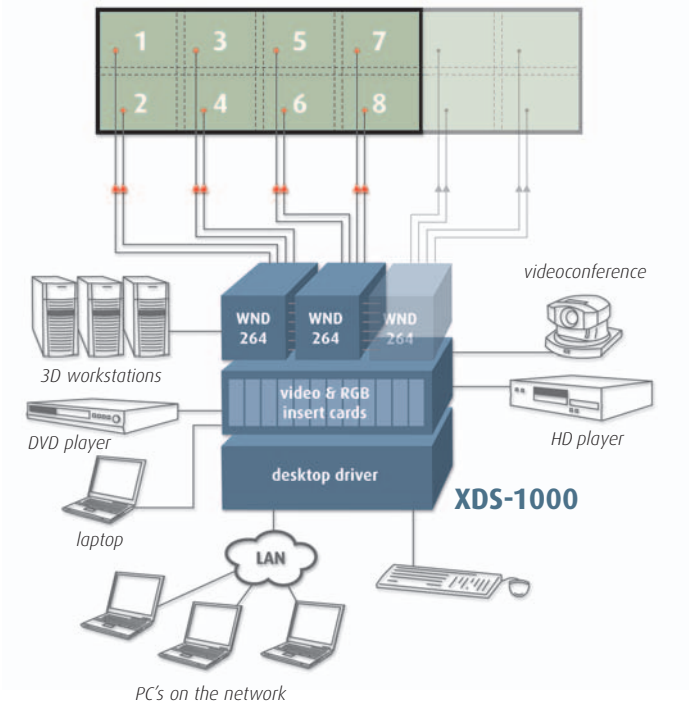
With the XDS-1000, it is possible to share, distribute and even update content in real-time over the network. Remote teams as far apart as Los Angeles and Moscow can sit on the same collaborative meeting and see each other in videoconferencing in such quality and resolution, that it seems as though the remote participants would be physically present. Facial expressions and body language become crystal clear thanks to the XDS-1000's ultra-high bandwidth capacities, fast image update rate and its powerful visual output.

Successful industry applications

- **Oil and gas industry** - analysis of complex seismic data
- **Corporate AV** - cross-team conferences, points of information
- **Automotive industry** - 3D modeling for cars
- **Government collaboration** - videoconferencing
- **Aerospace industry** - detailed technical models
- **Medical and scientific research** - analyzing graphical data

Technical specifications

XDS-100
DESKTOP DRIVER
Microsoft Windows XP Professional operating system
Patented Barco software that allows user-friendly source handling
High-end processor
LAN connectivity
Support for resolutions of up to dozens of megapixels
INPUT SOURCE HANDLING
Video, RGB analog, RGB digital, RGB active stereo
All connected mono and/or stereo sources can run asynchronously
All connected sources are processed simultaneously
All connected sources retain their original color depth and frame rate (no dropped frames).
OUTPUT
Support for a near-limitless number of display channels
Digital and analog outputs
Optimized for Barco display systems
Full support for active stereo display
DIMENSIONS
Dependent on the configuration.
19' rack mount housing for each unit
IMPORTANT REMARK
Each XDS-1000 system requires configuration by an accredited Barco project manager to guarantee an optimum set-up of as many sources, channels and inputs as you require.



For the latest, most detailed product information, visit ***www.barco.com***

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DESIGNED UNDER ISO 9001

Barco's Presentation & Simulation Division is ISO 9001 certified.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

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