Distributed Mission Ops

High-quality, low-bandwidth video and desktop distribution for wide-area collaboration

Share what operators are seeing and doing with remote locations

Barco’s Nexxis product line offers easy-to-integrate solutions for sharing high-quality display content between remote users and facilities.

- Distributes computer video/audio/USB/DIS over standard IP networks
- Provides a non-intrusive add-on solution for easy integration into existing systems
- Enables visual collaboration between remote teams with multiple users
- Manages bandwidth to provide the highest quality possible to each user
**Nexxis highlights for DMO**

- Distributes visual information displayed to operators in multi-user computing environments across multiple locations
- Supports live monitoring and collaboration of what all operators are seeing and doing during mission operations
- Connects in-line with HMI devices to distribute computer video, bi-directional audio, and USB actions
- Supports high resolution display content – 4MP (2560x1600) and higher
- Video is compressed and streamed over standard networks with managed bandwidth
- Multiple encoding options:
  - H.264 open standard streaming
  - V2D codec – maintains visually lossless compression while being highly tunable for each user to provide the highest possible quality
- Central administration software provides secure access controls and distribution management
- All video sources can be recorded synchronously for training or after-action review
- DVR-like capabilities support rewind/review during live operations
- A networked video-based approach supports a variety of computer and display configurations with no impact on system operation or dependency on system software