



## In the Media Center

Telecenter IP integrates the digital future with your current catalog of VHS tapes, Laserdiscs, and DVDs, which allows teachers to focus on the content of their lesson without worrying about any limitations on the media format. Over your classroom TV/projector, Telecenter IP provides:

- Digital Video Server for MPEG1 and MPEG2 digital video playback
- Interface and control of traditional media including VHS, DVD, and Laserdisc
- Lesson direction and general presentations using the Presentation Server for Microsoft PowerPoint playback



## 1 Telecenter IP Server

As the heart of the system, the Telecenter IP Server communicates to other components over Ethernet via TCP/IP protocol, and to the Web browser interface via dynamic HTML screens. It provides search, access and control features for all multimedia resources and is designed for unlimited users on LAN or WAN workstations.

- Powerful Microsoft® Windows NT-based computer
- Stores all individual users' media schedules
- Generates dynamic HTML pages
- Maintains MARC record compliant SQL database of all media, OR links via industry-standard commands to any ODBC compliant database
- Controls traditional media (DVD, Laserdisc, VHS)
- Controls and automatically loads digital media such as PowerPoint or Digital Video files
- Manages fixed media such as cable and satellite channels, in-house or district-wide broadcast channels
- Tunes the local TV/projector to the proper channel for each playback device

## 2 Master Control Unit

Bridge your existing videos to the digital future; allowing teachers to use all available media in their lessons. The Master Control Unit makes traditional playback devices network controllable from Telecenter IP.

- Each Master Control Unit addresses up to eight playback devices (DVD, LD, VHS) via IR and up to two devices via RS232 serial control
- Add additional Master Control Units for a virtually unlimited number of playback devices
- Communicates via TCP/IP over Ethernet to the Telecenter IP Server

## 4 Telecenter IP Presentation Server

Incorporates Microsoft PowerPoint® presentations into the multimedia lesson plan. Users create presentations, publish them on Telecenter IP and then access them to show in the classroom.

- Shows PowerPoint presentations on any Telecenter IP controlled TV/projector - no local workstation required
- Instant access to any stored presentation by searching and clicking the Schedule button
- Communicates via TCP/IP over Ethernet to the Telecenter IP Server
- Audio and video output is typically modulated for local video distribution and/or sent over a district-wide network

## 3 Digital Video Server

Provides instant access to MPEG digital video files:

- Large hard drive stores many hours of MPEG1 and MPEG2 videos
- Supports simultaneous viewing/control of multiple video files; up to 16 video streams per server
- Industry-standard RAID storage option for redundancy and minimal downtime
- Encoder option to convert analog videos to digital MPEG format
- Communicates via TCP/IP over Ethernet to the Telecenter IP Server
- Audio and video output is typically modulated for local video distribution and/or sent over a district-wide network

## 5 Navigation Generator

Scroll through the on-screen menu of your multimedia lesson plan from any TV/projector and switch among the scheduled media and presentations on the fly using the Telecenter IP remote control.

- Generates a media lesson plan menu on the local TV/projector
- Allows teachers to present media from anywhere in the classroom; no need to stay next to the classroom computer
- Offers optional clock and channel display
- Communicates via TCP/IP over Ethernet to the Telecenter IP Server
- Video output is typically modulated for local video distribution and/or sent over a district-wide network