

## SERVER OVERVIEW

The Presentation Server is an open-standards, open-architecture video and media Content Management System designed especially to handle the capture and streaming of presentations and lectures given at Universities, medical facilities, research laboratories, seminars, trade shows and conferences and any other setting where a knowledge expert's presentation and discussion will be recorded and streamed over internet networks.

Unlike other video content management systems, the Presentation Server has facilities for dealing with both the video aspects of a presentation (e.g. a camera shot of the presenter) and the graphical aspects of a presentation (e.g. capture of computer screens, PowerPoints, Keynotes and similar demonstration materials used by the presenter).

The separate identification and handling of these three components (video, audio and graphics) separates the Presentation Server from its video-only CMS peers.

## ADMINISTRATIVE INTERFACE

The server presents two different graphical user interfaces to the world, one being the administrative interface and the second being a viewer portal for discovery and viewing of content.

The administrator controls a large number of functions related to acquiring content for the server, identifying and indexing the material, verifying viewing rights and planning the proper distribution and publishing of the final media.

## VIEWER PORTAL

Once presentation content is properly filed and indexed within the server, authenticated and authorized viewers of that content must be able to find it in the system and view it at a convenient time and place and on playback devices which might range from large screens in an auditorium to mobile phones and tablets on the go.

## SUMMARY OF WORKFLOWS

As mentioned earlier, with the potential acquisition of hundreds of new archives each day, the work required to process each incoming presentation must be minimal. The Presentation Server is ideally tailored to provide automated, customizable workflows to be applied to each new incoming presentation.

A workflow is a specification for a sequence of discrete processing steps to be applied to incoming media, and it is possible to define a large set of different workflows within a Presentation Server.

## FEATURE HIGHLIGHTS

### ALL IN ONE

The Presentation Server enables an end-to-end solution for lecture capture.

### OPEN STANDARDS

The Presentation Server is based on open-standards and open-architecture that are constantly evolving to meet the needs of the industry. You are not locked into a monolithic solution.

### VIDEO/GRAPHICS SEPARATION

Video and graphics may be resized independently for playback.

### SOFTWARE ADVANTAGES

- Can organize and manage recordings
- Server is both a live streaming server and a video on-demand server
- Unique architecture permits customized workflows and special processing operations
- Full OCR-to-Text support

### FUTURISTIC EXPANSION

Enables futuristic items such as the elimination of expensive and complicated tracking cameras, infrared necklaces, and more through software upgrades that support automatic teacher tracking.

### HARDWARE ADVANTAGES

- Dual-redundant power supplies
- Hot swappable disk drives
- Rack-mount 2U Chassis
- Click and replace fans
- Intel Xeon processors
- Primary and backup storage



**CPU Sockets: 2****Memory Dimms: 16 (DDR3)****Slots: 6****Expandable Bays: 8 x 3.5" hot-swap drive bays (SATA2/SAS)****CPU:**

Intel Xeon CPU Quad-core (Classroom version).

Intel Xeon Dual CPU Quad-core (Department version).

**Memory: 4x4 GB DDR**

16 DIMM sockets.

Memory speed is decided by CPU system bus.

Each CPU controls 8 DIMMs.

**Slots and Bus: Low profile only.**

3 PCI-e 3.0 X16 slots.

3 PCI-e 3.0 X8 slots.

**Integrated with:**

Supports 1000BASE-T, RJ45 output.

Up to 11 USB 2.0 (Universal Serial Bus) ports (2 on rear panel).

VGA - On-board Matrox G200 (16MB) graphics.

Integrated IPMI 2.0 with Dedicated LAN.

**Case & power:**

2U case with 720W redundant gold-level high-efficiency power supply

8 of 3.5" HDD hot-swap bays ( w/ backplane SAS/SATA).

1 slim floppy bay, 1 slim DVD bay, 2 internal 3.5" bay.

Rail set included.

**Size:**

Width: 16.8 in. Height: 3.5 in. Depth: 25.5 in. Weight: 65 lbs.

