



# Automatic & Available

M/W 10:00 - 11:15 AM

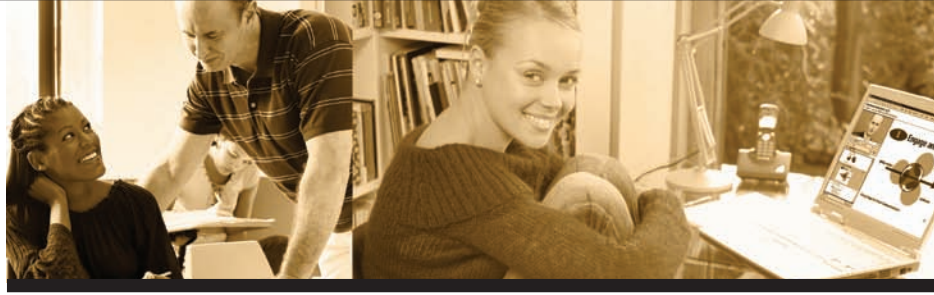
M/T/W/TH/F/S/S

Capture the classroom experience  
and publish it online

# Capture the CLASSROOM EXPERIENCE and Publish it ONLINE



Apreso Classroom is the first fully automated lecture capture and Web publishing system for higher education. It automatically produces Web-based versions of the classroom experience for on-demand student review. Automated and affordable, it's the first lecture capture solution practical enough to be deployed campus-wide.



## Online Lectures Benefit Everyone

Universities the world over are increasingly searching for ways to make course content available online. Students and professors embrace online lectures for their ability to improve the quality and efficiency of classroom interaction, while administrators know they can stimulate use of existing academic computing and technology investments.

### STUDENTS

Enhance comprehension... improve study and review for exam periods... reduce language barriers... catch-up in the event a class is missed

### PROFESSORS

Increase overall productivity... improve effectiveness of office hours by spending less time answering routine course questions

### ADMINISTRATORS

Better leverage existing technology and facility investments... boost usage of course management systems and smart classrooms

## Apreso Classroom Makes Lecture Capture Commonplace

Despite the consistent benefits that come from making course lectures available online, they typically are used only occasionally because of the expense and difficulty of using and deploying existing lecture capture solutions.

Apreso Classroom, for the first time, enables lecture capture to take place in any classroom, anywhere, at any time. Its room-based design ensures availability, while its affordability, manageability and integration with existing university A/V and school information systems enable deployments to easily grow over time.

### AFFORDABLE

Its classroom-based pricing model, combined with unattended operation and remote management capabilities, make Apreso Classroom affordable enough to deploy in any number of classrooms.

### AUTOMATED

Leveraging existing course schedules, Apreso Classroom enables the capture of entire semesters of classroom lectures. Its "no touch" operation and unobtrusive use model eliminate barriers to adoption and ongoing use.

### PROVEN RELIABILITY

Apreso Classroom is developed by Anystream, the acknowledged industry leader in automated Web publishing systems for mission-critical broadcast and media environments. Professors and students alike can depend on course lectures being captured and published on schedule, around-the-clock.

- Broaden Student Comprehension
- Improve Effectiveness of Office Hours

# All-in-One ENTERPRISE SOLUTION

Apreso Classroom is an all-in-one solution for lecture capture. The system's enterprise design includes content capture, scheduling and management components that enable colleges and universities to easily scale for campus-wide deployments.

## EASY TO ADMINISTER:

### CENTRALIZED SCHEDULING

An easy-to-use scheduling application allows administrators to build semester-long templates for lecture capture.

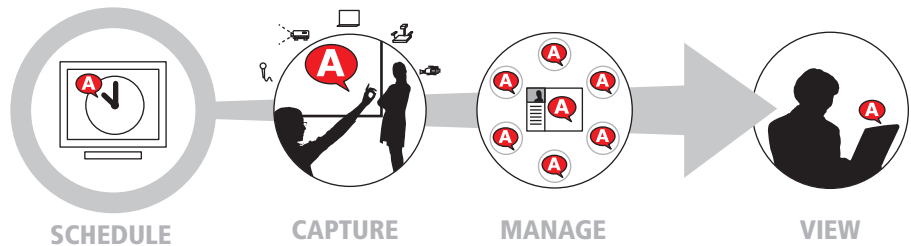
### AUTOMATED LECTURE CAPTURE

Automatic start and stop operation frees faculty and staff from having to learn new technologies or operate complex systems.

### AUTOMATIC DISTRIBUTION & CENTRALIZED MANAGEMENT

Automated posting to course management systems and centralized content management make this the first lecture capture solution practical enough to scale to any number of classrooms.

## FULLY AUTOMATED FROM CAPTURE TO WEB PUBLISHING



*"We started with six classrooms and are equipping six more. For faculty and students who want their captured lectures available online, we can't provide these classrooms fast enough."*

John DeAngelo, Associate Dean  
Fox School of Business and Management  
Temple University

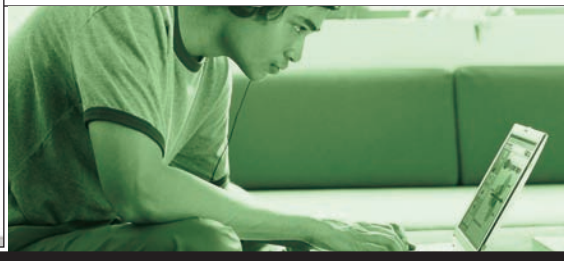
## Replay the Classroom Experience

An Apreso is the interactive, rich media presentation created by Apreso Classroom. It captures the entire classroom experience - including what the professor said, audience remarks, and all visuals projected during the lecture. The resulting on-demand course lecture can be reviewed by students with only a personal computer, an Internet connection and a Web browser.



## INTERACTIVE OUTPUT

- ➔ Video Window
- ➔ DVD-like Controls
- ➔ Thumbnail Navigation
- ➔ Classroom Visuals



## EASY FOR STUDENTS:

### EASY TO FIND

Apresos are automatically posted to course pages where students can retrieve them alongside assignments, references and other course information.

### UNIVERSALLY VIEWABLE

Apresos play back on the most popular computer platforms - Windows, Macintosh or Linux - using various Web browsers and Flash on dial-up or broadband connections. Students on-the-go can even listen to audio lectures on an iPod or MP3 player.

### INTERACTIVE FOR PERSONAL PREFERENCE

Students can play back specific material using a time/scene index, pause or replay at any time, and choose among multiple views (audio-only, full-screen slides, full-screen video, etc.).

- Raise Interaction Quality
- Boost Faculty and Technology Usage



## WORKFLOW AUTOMATION



### Apreso Classroom Scheduler

Outlook-style centralized scheduling interface allows creation of templates with session start and end dates, holiday and exam periods, and "opt out" options for semester-long, unattended lecture capture.



### Apreso Content Manager

Centralized management lets administrators email, delete and control viewing of Apreso lectures.



### CMS Integration

Integrates with custom portals, Blackboard and WebCT course management systems.



### Enterprise System Management

XML/Web Services architecture lets administrators monitor campus-wide systems via any Web-enabled device and enables seamless integration with CMS, scheduling, and other core university information systems.



### Automatic Capture Start and Stop

Reliably captures every scheduled class without requiring professor or staff operation.



### Automatic Web publishing

Frees staff from manually uploading, transferring and managing Web and media files.



### Manual start/stop/pause options

Gives professors the option of taking a break, pausing to go off the record, or capturing unscheduled events.

## OUTPUT



### Synchronized Classroom Capture

Voice, video and projected visual materials are captured to preserve the entire classroom experience.



### Interactive Output

Dynamic Web-based output lets students choose viewing options (video and projected visuals, full-screen video, or audio-only and projected visuals), and use DVD-like controls to stop, speed up, slow down, pause or restart presentations.



### Thumbnail Navigation

Students can quickly scroll to indexed topics by searching through presentation "snapshots."



### Universal Student Playback

Students on Windows, Macintosh and Linux operating systems can play back Apresos in Web browsers. System automatically outputs versions for dial-up and high-speed connections.



## SPECIFICATIONS

### MODULAR DEPLOYMENT OPTIONS

- Deploy on existing podium PC or a dedicated capture PC
- Capture classroom audio only, audio and VGA, or audio, VGA and video.

### MODULAR CAPTURE OPTIONS

#### VGA

- VGA sources at resolutions up to 1600x1200
- Capture output from document cameras, electronic whiteboards, desktop applications, websites and annotations

#### Video

- Video camera, DVD or VHS player with composite or S-video signal with BNC or RCA connection

#### Audio

- Audio sources with RCA unbalanced, XLR balanced or 1/8" connection

### PLAYBACK (Flash player required for playback)

#### Apresos with Video

- Windows Media: PC's with IE 5.5 and Windows Media Player 7.1
- RealHelix: PC's with IE 5.5 and RealPlayer 10
- Flash: Mac, PC and Linux platforms with Flash Player 7.0 and IE 5.5, Netscape 6.2, Mozilla 1.2.3, Firefox 1.0.6 or Safari 1.3.1

#### Audio-Only Apresos

- MP3
- RSS feeds for podcasting

## SYSTEM RECOMMENDATIONS

### APRESO CLASSROOM CAPTURE STATION

- Pentium 4, 3.0 GHz Processor, 1 GB RAM, 120 GB Hard Drive, 100 Mbps Network Interface, Two Full Size PCI expansion slots, Windows XP Professional (Service Pack 2 required)
- Datapath Vision RGB Pro-1 VGA Capture Card for external VGA sources
- ViewCast Osprey 230 Audio/Video Capture Card if capturing video

### APRESO CONTENT MANAGER\*

#### Server Requirements

- Pentium 4 with Windows 2000 or better, 1 GHz Processor, 512 MB RAM, 100/1000 Megabit NIC, HTTP and FTP enabled with IIS, Java, Apache Tomcat and MySQL 4.1 or better

#### Streaming Server (select one)

- Windows Media Server, Real Helix Server or Flash Communication Server

\* File sizes vary for Apreso output. See your account manager for storage requirements. All specifications subject to change.