Lecture Capture

Review of Panopto Course Cast
Historical Perspective

- The inventor of the system deserves to be ranked among the best contributors to learning and science, if not the greatest benefactors of mankind”
  - Josiah F. Bumstead

Comments made in 1841 on the benefits of the chalkboard
Past Lecture Recording
Technologies

QuickTime™ and a decompressor are needed to see this picture.
Videotape Recording

QuickTime™ and a decompressor are needed to see this picture.
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Adoption of Streaming Technologies

- QuickTime Streaming services
- Windows Media Streaming services
  - Use of Windows Media encoder by Faculty to create lectures (URL’s posted in Blackboard)
Interest in Lecture Capture

- IT discussion
- A new tool to create online Video Learning Objects to replace Video Telecourses
- School of Business interested in Lecture Capture
Preferred Requirements

- Simple process flow
- Cost effective and scalable as adoption growth occurs
- Fits into our PC instructor station model
- Integrates well with Blackboard
- Leverage streaming standards that we have already support. (non Proprietary
- Technical Support
- Having input into the future roadmap of development of the solution
Lecture Capture Solutions

- Accordent
- Echo 360
- Mediasite
- Panopto
- Tegrity
- ScreenCapture
  - Camtasia/Relay/jing
  - Captivate4
  - WME
  - others
# Lecture Capture Comparison

<table>
<thead>
<tr>
<th></th>
<th>Accordent Capture</th>
<th>Echo360</th>
<th>Mediasite</th>
<th>Panopto</th>
<th>Tegrity Campus</th>
<th>Wimba</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company Website</strong></td>
<td><a href="http://www.accordent.com">www.accordent.com</a></td>
<td><a href="http://www.echo360.com">www.echo360.com</a></td>
<td><a href="http://www.sonicfoundry.com">www.sonicfoundry.com</a></td>
<td><a href="http://www.panopto.com">www.panopto.com</a></td>
<td><a href="http://www.tegrity.com">www.tegrity.com</a></td>
<td><a href="http://www.wimba.com">www.wimba.com</a></td>
</tr>
<tr>
<td><strong>Do you offer hosted and on-site solutions?</strong></td>
<td>Yes</td>
<td>On-site only</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Does your solution support synchronous and asynchronous use?</strong></td>
<td>Yes</td>
<td>Asynchronous only</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Does your solution support synchronous video streaming?</strong></td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Does your solution require dedicated on-site hardware?</strong></td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Which playback modes does your solution support for viewers?</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Web Browser</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio Podcast (iPod / MP3 player)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Enhanced Podcast (i.e. video iPod)</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Mobile Phone</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>What operating systems are supported for capture?</strong></td>
<td>PC only</td>
<td>PC and Mac</td>
<td>PC and Mac</td>
<td>PC only</td>
<td>PC and Mac</td>
<td>PC and Mac</td>
</tr>
<tr>
<td><strong>How do you price your solution?</strong></td>
<td>Purchase plus maintenance</td>
<td>Flexible: purchase or subscription</td>
<td>Purchase plus maintenance</td>
<td>Support only, Hosted</td>
<td>Annual subscription</td>
<td>Flexible: purchase or subscription</td>
</tr>
<tr>
<td><strong>What are your pricing options?</strong></td>
<td>Number of classroom installations, Site license</td>
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<td>Number of classroom installations</td>
<td># of support points of contact; hosted usage</td>
<td>Student FTEs, Concurrent users, Site license</td>
<td></td>
</tr>
<tr>
<td>If you offer site licenses, what are the options?</td>
<td>University wide, By College, By Department</td>
<td>University wide, By College, By Department</td>
<td>University wide, By College, By Department</td>
<td>University wide</td>
<td>University wide, By College, By Department</td>
<td>University wide, By College, By Department</td>
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Compiled by Rodney B. Murray, Ph.D. from a survey in December 2008. Products are updated continually, so please check with the vendors for the latest information. For more information and the corresponding podcast, see: [http://www.RodsPulsePodcast.com](http://www.RodsPulsePodcast.com)
QuickTime™ and a decompressor are needed to see this picture.
Review of Panopto

- Provider Authentication: Local/AD or BB/API
- Creation of course folder in BlackBoard to store recordings (Showing off the Building Block - BlackBoard Integration.
- Panopto Recorder: Record, Publish, Play
- Managing recordings
- Silverlight Playback, Sources, search, notes
- Look at the RSS feeds
- Editing recordings
- Mac Recorder
- Live Broadcast with One way Instant Message
- Multi Video inputs and adding PDF documents
Recording flow

- Individual stream recording file (local)
- Uploaded to server to package into Silverlight and podcast formats and publish link into BlackBoard
Panopto Website
http://www.panopto.com

- Socrates Project
- Showcase
- Support Page
  http://www.panopto.com/services_support_services.aspx
- Documentation
- Video Tutorials
Questions

Bechtoldt@umsl.edu