

EDUcast Distribution, Transcoding, and RSS Feed Hosted Management System



Distribution:

After recording, the content may be transferred to a secure hosted web server via a standard Ethernet connection. A web link may be provided via email or other communication for access by selected users. The EDUcast System seamlessly integrates with learning management systems such as Blackboard, Desire 2 Learn, ANGEL, Web CT, Moodle, or others, and users can access the content from their secure logon. If publication to a public website is desired, the system generates a widget (JavaScript) that may be easily added to the website by the Webmaster.

Unlike other systems currently available, EDUcast outputs standard MP3, MPEG4 files that may be played on any device that supports that format. Some examples are computers, MP3 players, iPhone, iPod, iPod Touch, smart phones, TIVO, and Apple TV.

The distribution system may be utilized for any content that is standards based, regardless of what device was used for the recording. For example, an instructor records a lecture from home on his/her PC, or a student records content from a field trip using a digicam.

Transcoding:

This system automatically transcodes the content and provides users (3) options from which to choose for viewing –web, mobile, and Flash- all standards based file formats. This saves postproduction time and money!



RSS Feed Management System:

The system automatically provides a link to iTunes (client) so that the user may subscribe to the RSS Feed. Once the user has initially subscribed to the RSS Feed through iTunes all of the content associated with the RSS Feed is automatically sent to the account. iTunes provides the capability to search content that has been downloaded and locate a specific episode. iTunes is an excellent download manager; it downloads content, in the background, and enables even those users who have dial-up connections to be able to view content after the download is complete.

Bandwidth and Hosted Site:

Providing video content for web access requires significant amounts of bandwidth and adversely impact the overall capacity of the college network. For example, if you had 100 students simultaneously accessing the system at 384 kbps you would need over 30 meg of bandwidth just to make those connections! Using the EDUcast secure hosted site eliminates the necessity to increase bandwidth. Storage is provided in varying size accounts to meet the needs of the college and may be increased as needed. Local backup can be automated by downloading iTunes (client) to a pc and subscribing to the content that is to be archived. If preferred, the content can be archived and/or directed to any local storage device.