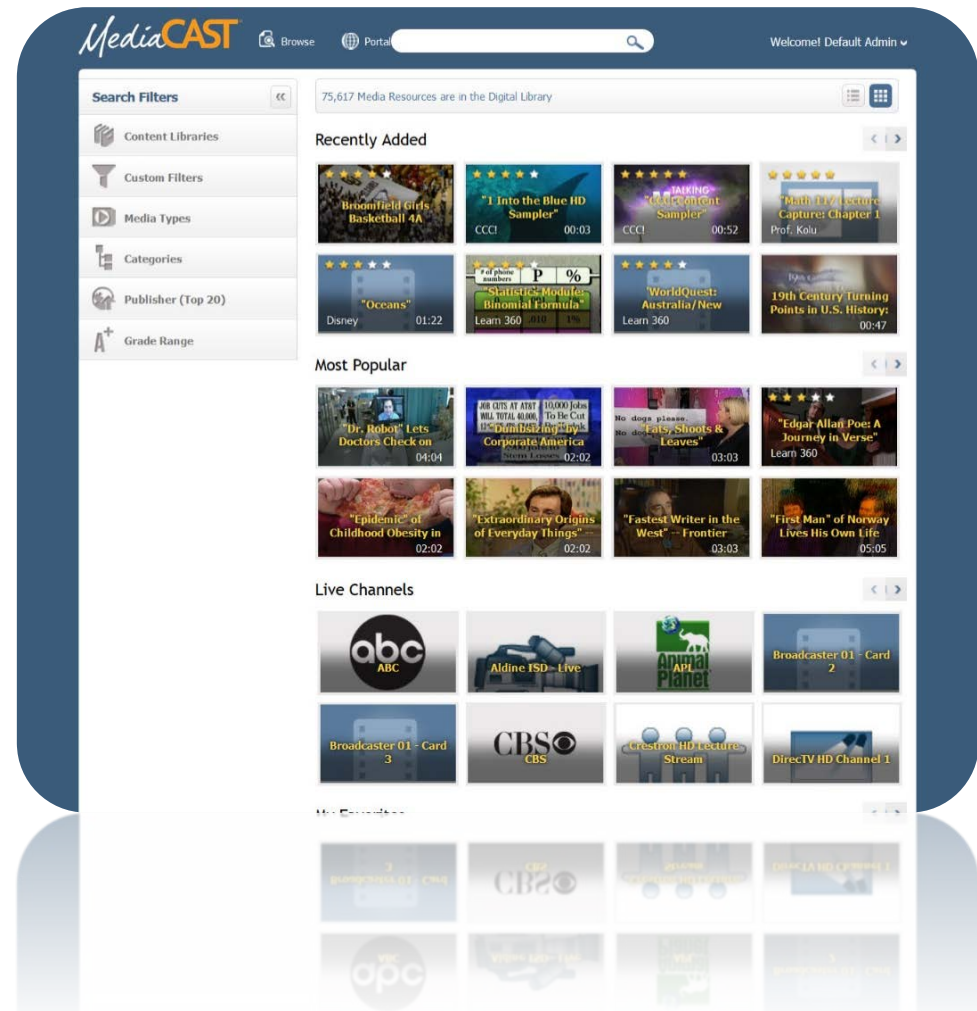


Inventive Technology is pleased to present MediaCAST version 12.

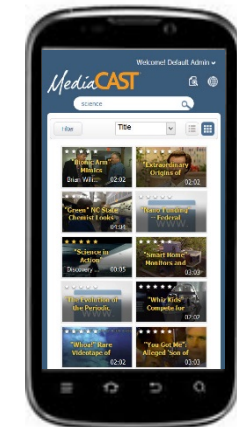
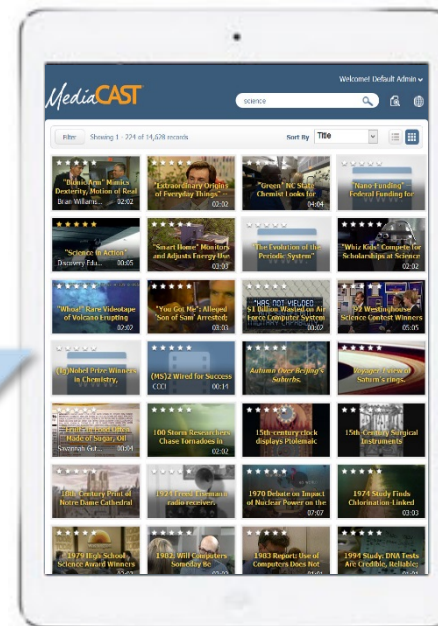
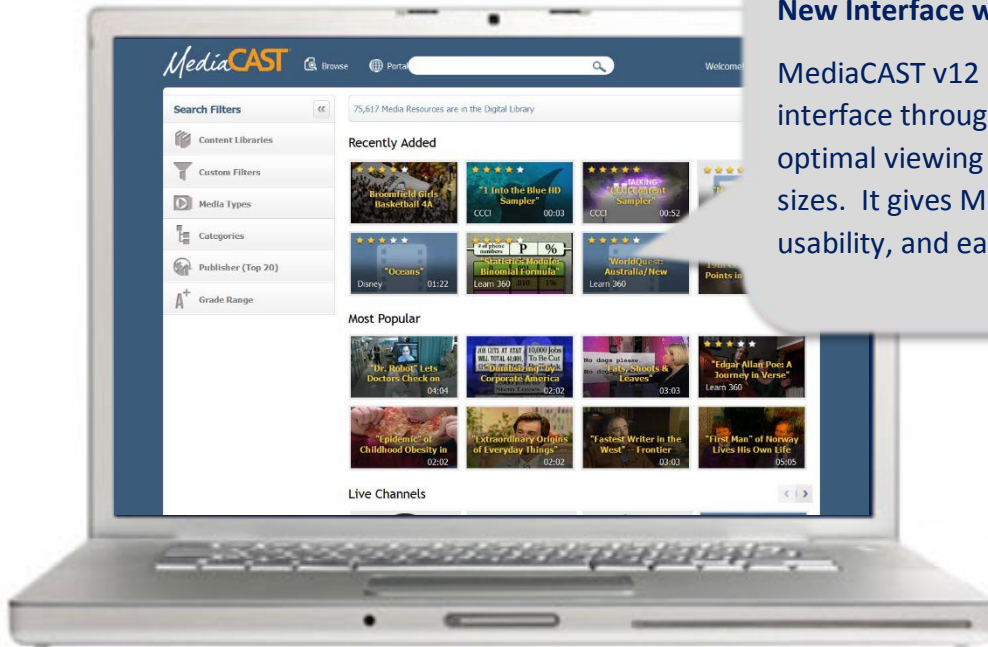
Through our longstanding work of developing the latest advancements in digital content delivery and video streaming we have reached a new level of innovation with version 12. While it's founded on our previous versions' fundamental capabilities, virtualization technology advancements, and database structure this version has a progressive user interface with essential features designed to address the enormous demand for mobile device utilization in schools.

We will showcase some of the highlights of the technological, functional, process, and cosmetic changes brought together in MediaCAST v12.



**New Interface with Responsive Design**

MediaCAST v12 brings the latest Web-enabled technology to the user interface through responsive web design (RWD). RWD provides optimal viewing experiences across a wide range of devices and screen sizes. It gives MediaCAST unparalleled support for mobile support, usability, and ease of use compared to its competitors.

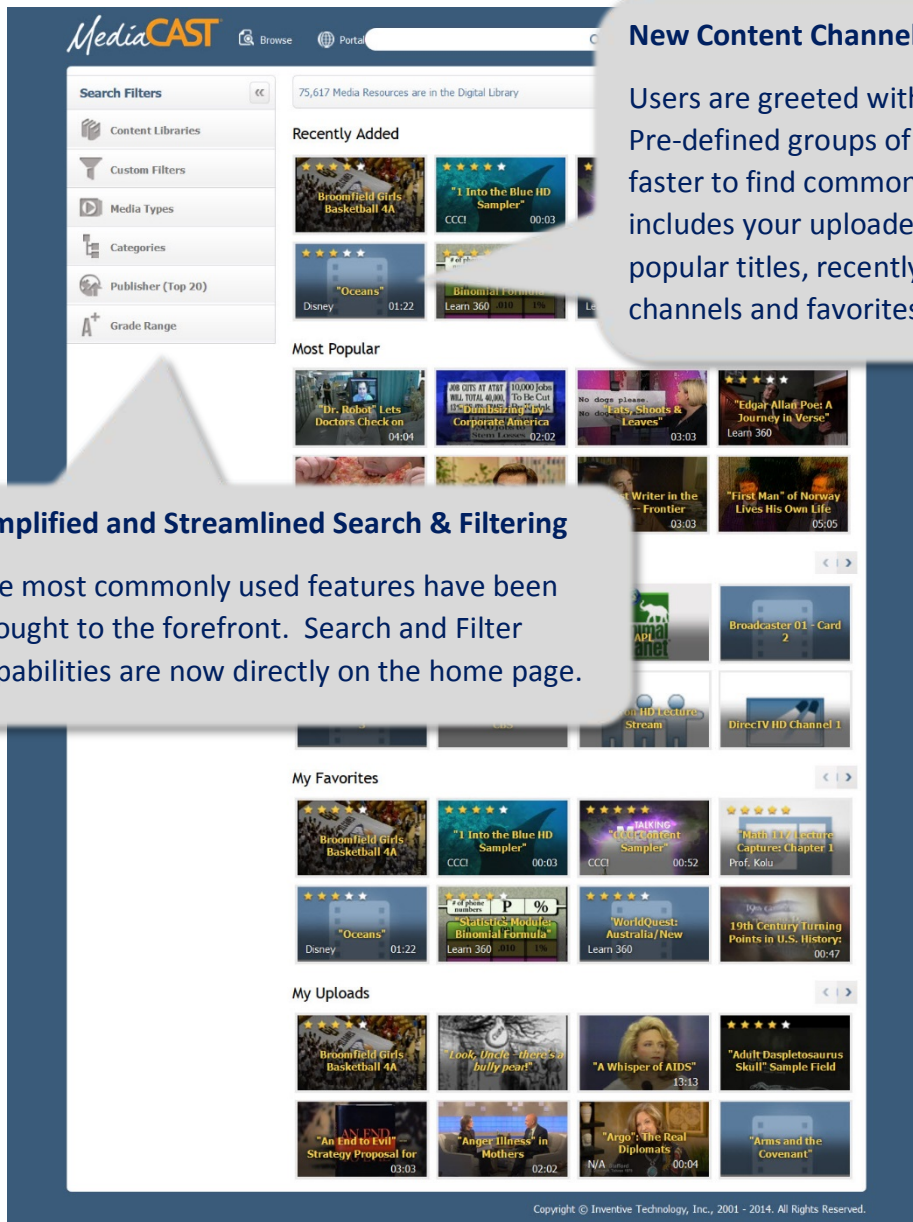


**\*Responsive Design Feature**

Automatic screen adjusted layouts reduce the need for a user to scroll, pan and resize their screen. This is especially beneficial when on a mobile device using your finger instead of a mouse/keyboard.

Search and Filter menus change form and hide-away automatically on smaller screens and overlay when ready for use.

Navigation menus change from larger graphics with text to smaller touch friendly icons that save space.

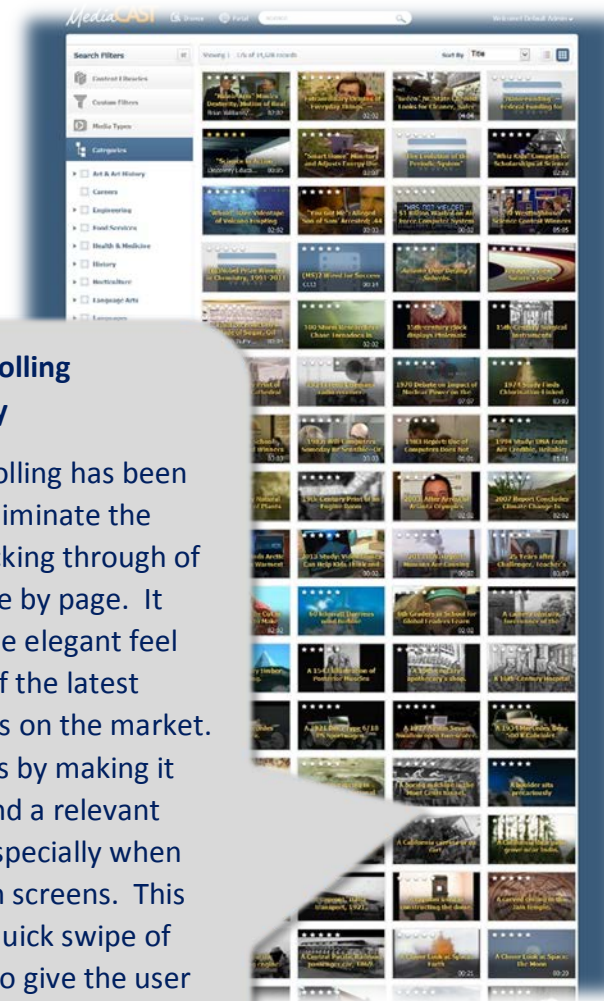


**New Content Channels**

Users are greeted with Content Library Channels. Pre-defined groups of content make it faster to find common resources. It includes your uploaded content, most popular titles, recently added, live channels and favorites.

**Simplified and Streamlined Search & Filtering**

The most commonly used features have been brought to the forefront. Search and Filter capabilities are now directly on the home page.



**Infinite Scrolling Technology**

Infinite scrolling has been added to eliminate the endless clicking through of results page by page. It provides the elegant feel expected of the latest applications on the market. It aids users by making it faster to find a relevant resource especially when using touch screens. This enables a quick swipe of the finger to give the user more matching results.

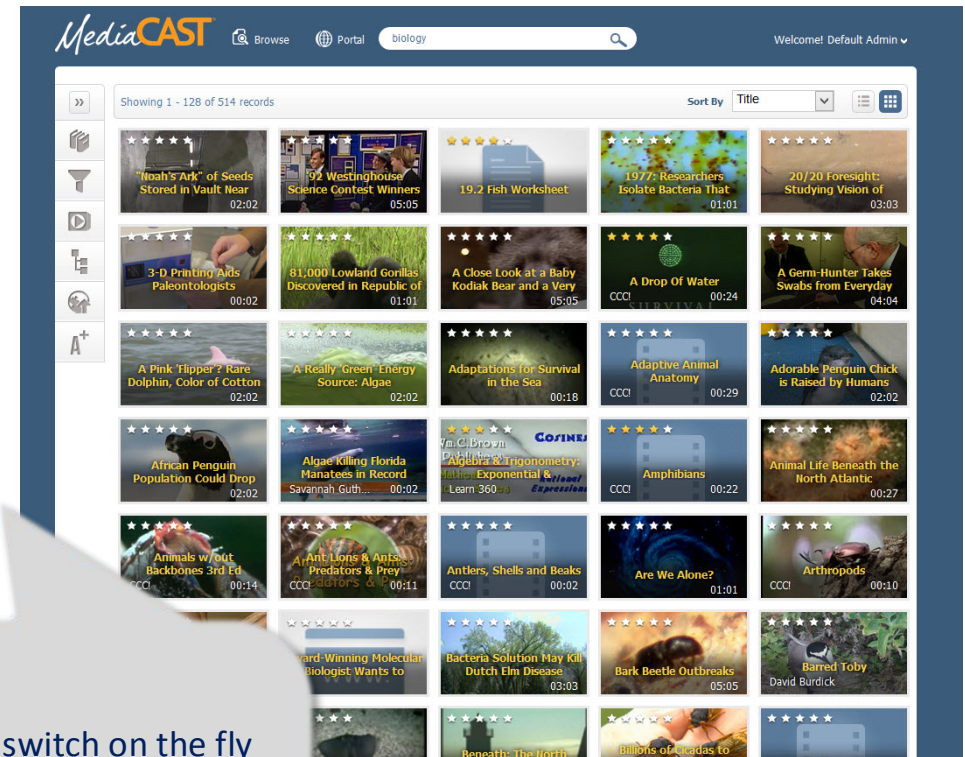
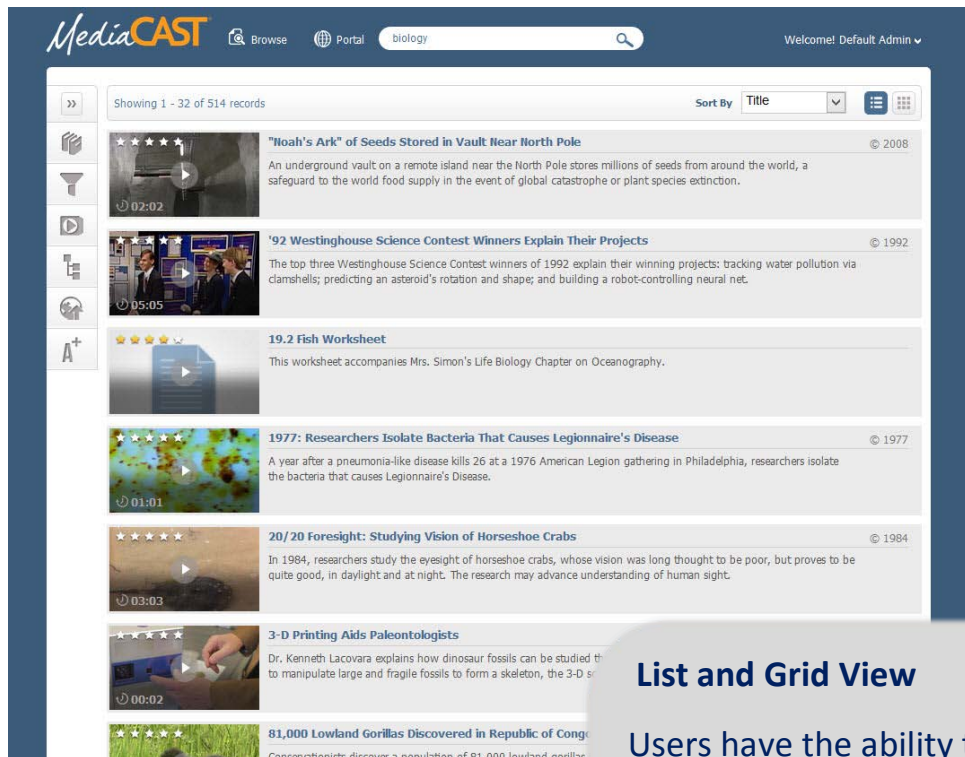
The screenshot shows the MediaCAST web interface. At the top, there is a navigation bar with the MediaCAST logo, 'Browse', 'Portal', a search bar, and a user greeting 'Welcome! Default Admin'. The main content area features a video player showing a rocket launch with a large '070' timer in the top left. A 'Toolbox Overlay' is visible on the right side of the video player, containing 'Media Tools', 'Sharing Tools', and 'Administrator Tools'. Below the video player, there is a title 'Discovery Launches to the International Space Station' with a five-star rating. A navigation menu below the title includes 'Description', 'Segments', 'Blackboard', 'Moodle', and 'ANGEL'. The 'Description' tab is selected, showing a paragraph of text about the mission to deliver the Permanent Multipurpose Module and the humanoid Robonaut 2 to the International Space Station. Copyright information for NASA content is also present.

**Maximized Video Playback**

Delivering digital media to the user is a fundamental feature. Version 12 has a redesigned playback page that maximizes the video and content viewing area. Video playback is now almost double its previous size on the same size screen.

**Toolbox Overlay**

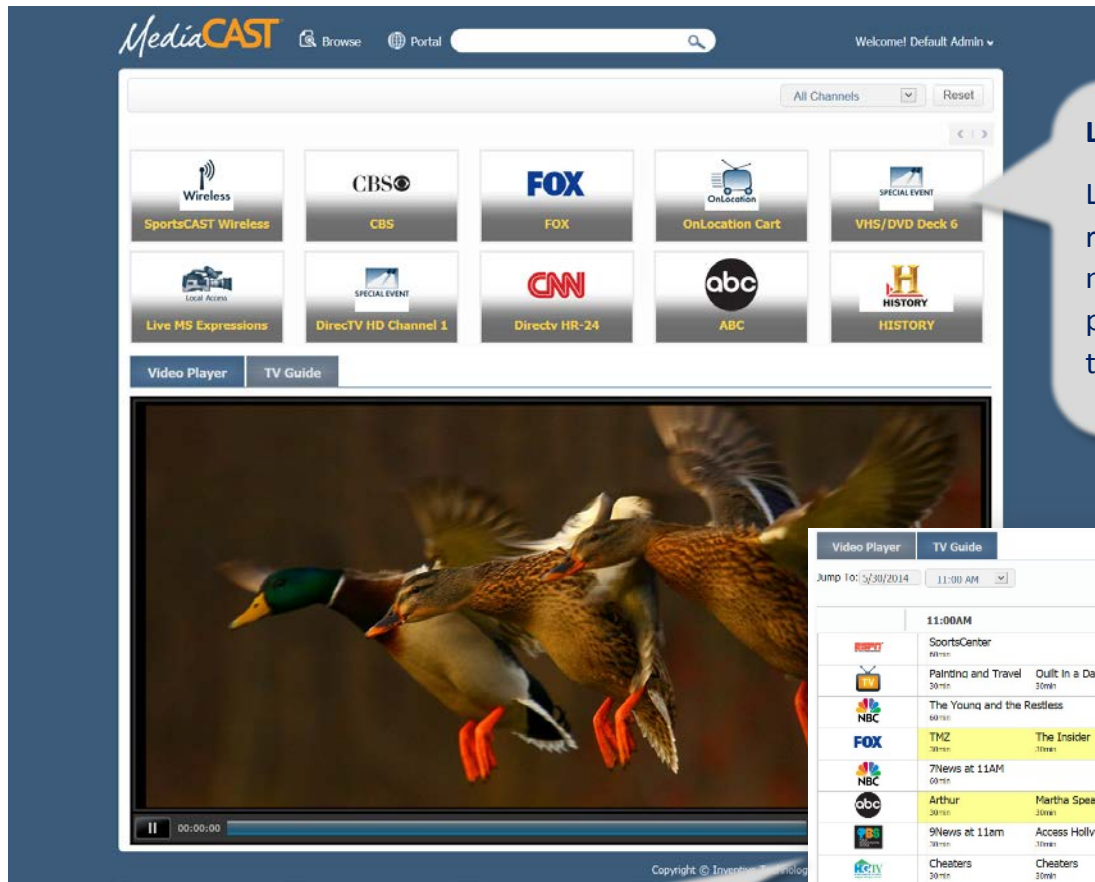
User tools are overlaid on the video player. It expands and closes when not being used to increase the amount of room for larger playback area.



### List and Grid View

Users have the ability to switch on the fly between List and Grid View of their Search Results.

List View is helpful to a user wanting more detailed information while Grid View lets them browse a large number of resources quickly.



**Live TV Expanded Interface**  
Live TV is revamped with a scrollable, multi-row channel slider for accommodating a larger number of IPTV and live broadcasts. Home page access of live channels was added through a Live Content Channel.

**Fully Integrated IPTV & Recording**  
MediaCAST is becoming the live delivery platform of choice by schools. This is because of its support of a wide range of the latest H.264 encoder hardware, integrated TV Guide with recording, live stream hosting, and its built-in HTML5 and Apple HLS streaming for mobile delivery.

	11:00AM	12:00PM	1:00PM	
SPORTS	SportsCenter 60 min	SportsCenter 30 min	Outside the Lines 30 min	NFL Insiders 30 min
TV	Painting and Travel 30 min	Quilt in a Day 30 min	Asia Biz Forecast 30 min	Asia This Week 30 min
NBC	The Young and the Restless 60 min	CBS4 News at Noon 30 min	The Bold and the Beautiful 30 min	The Talk 30 min
FOX	TMZ 30 min	The Insider 30 min	Divorce Court 30 min	Divorce Court 30 min
NBC	7News at 11AM 60 min	The Chew 30 min	General Hospital 60 min	
abc	Arthur 30 min	Martha Speaks 30 min	Curious George 30 min	Peg Plus Cat 30 min
	9News at 11am 30 min	Access Hollywood 30 min	The People's Court 30 min	Judoe Mathis 30 min
KCTV	Cheaters 30 min	Cheaters 30 min	Bridezillas 30 min	King of the Hill 30 min
com	Maury 60 min	Maury 60 min	The Steve Wilkos Show 60 min	
	County Jail: Miami 60 min	I Shouldn't Be Alive 60 min	Alaskan Bush People 60 min	
TLG	Say Yes to the Dress 30 min	Say Yes to the Dress 30 min	Say Yes to the Dress 30 min	Say Yes to the Dress: The Big Day 60 min
	The Dead Files 60 min	The Dead Files 60 min	Ghost Adventures 60 min	
	LPGA Tour Golf 60 min	Golf Central Pregame 60 min	PGA Tour Golf 60 min	

### Simplified & Powerful Media Uploader

One of the significant improvements comes from client suggestions with a redesign of the traditional upload wizard. The old multi-page, multi-step upload process has been replaced by a new single screen uploader. It eliminates the need for users to identify differences in file formats and video extensions by having the system discover necessary technical details behind the scenes.

A streamlining of the upload process was done by allowing users to enter metadata and permissions at the same time the file is uploading. This saves time while helping to enforce good metadata to enrich search results.

Media Uploader automatically transcodes videos into H.264 without user intervention. It processes the file in the background so the user can continue on and not have to wait for completion.





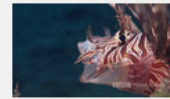
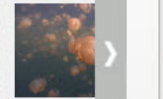
It provides users a selection of automatically generated thumbnails for their video. The thumbnails are strategically fashioned throughout the length of the video so the user can pick the best representation of the content.

## Upload Media Resource [RE-UPLOAD FILE](#) [Exit](#)

Location: streamer.inventivetec.com

**You may proceed without waiting for transcoding to complete.**  
Transcoding: 0%

STEP 3: Select A Thumbnail\*

**Main (Required)**

Proper and complete metadata is key to the system's ability to organize media resources. You must enter a Title and Description at a minimum.

**Tagging**

**Categories**

**Group Restrictions**

**Access Control**

**eCommerce**

---

**Advanced**

Title :  ✓

Description :  ✓

Publisher :  ✓

Author :

Subject :

External ISBN :

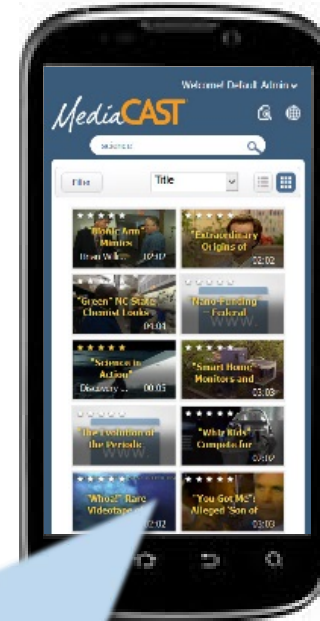
External Barcode :

Copyright :

[Launch Resource](#)

### Mobile Device Enriched Features

Several key areas are now mobile enhanced including Permission Manager, Media Toolbox and Grade Range Filtering. This was done to make the features available for use on touch devices as well as on iPad/iPhones where Flash or other previously used technologies are no longer supported



### \*Responsive Design Feature

Grid view is an example of where the responsive interface shines. When viewing on a larger screen, like a laptop, the user can see 30 to 40 resources at a time. When a user is on their Smart Phone the interface instantly adjusts to a dual-column view to fit the smaller screen size. On a slightly larger iPad or Android tablet they see more but the results and experience is the same. Always optimized for the screen size to help the user find the resource they need as efficiently as possible.