

King's College London · Gallaudet University · University of Texas at Austin · Jackson State University · New York University · Boston University · University of Massachusetts Lowell · Temple University · University of Kentucky · Virginia Commonwealth University · Loyola Marymount University · University of Nebraska · Clemson University · Iowa State University · London School of Economics and Political Science · Coventry University · UNC Wilmington · Qatar University · University College London · Arizona State University · University of Arkansas · University of Texas at Arlington · Drexel University · Florida Atlantic University · Boise State University · University of Illinois at Chicago · San Francisco State University · Purdue University · Curtin University · Monash University · Columbia University · Paris-Sorbonne University Abu Dhabi · City University of Hong Kong · Florida Coastal School of Law · **THE TIME HAS COME FOR BLENDED LEARNING** · Western University of Health Sciences · University of Southern California · University of Arkansas · California Maritime Academy · Samford University · Imperial College London · University of Essex · University College London · Creighton University · A.T. Still University · Stony Brook University · University of Loughborough · Worcester Polytechnic Institute · University of Virginia · University of Tennessee Martin · Brevard Community College · Baylor University · Trinity University · University of Kansas · University of Medicine and Dentistry New Jersey · Auburn University Montgomery · Thomas Jefferson University · University of Arkansas at Little Rock · Naval Postgraduate School · Northeastern University · King Faisal University · University of California Los Angeles · National University of Ireland Galway · Oklahoma State University · The College at Brockport · University of Saskatchewan · Nottingham Trent University · Portland State University · Boston College · George Washington University · Georgia Perimeter College · UNC Chapel Hill · University of Birmingham · Wayne State University

It's time to move beyond lecture capture

Hundreds of institutions have chosen Echo360 blended learning solutions to solve their most urgent problems



- Over Enrollment
- Graduation Rates
- Retention
- Revenue Generation
- Recruiting
- Distance Learning
- Learning Outcomes
- Instructor Efficiency
- Workforce Development
- Continuity Planning



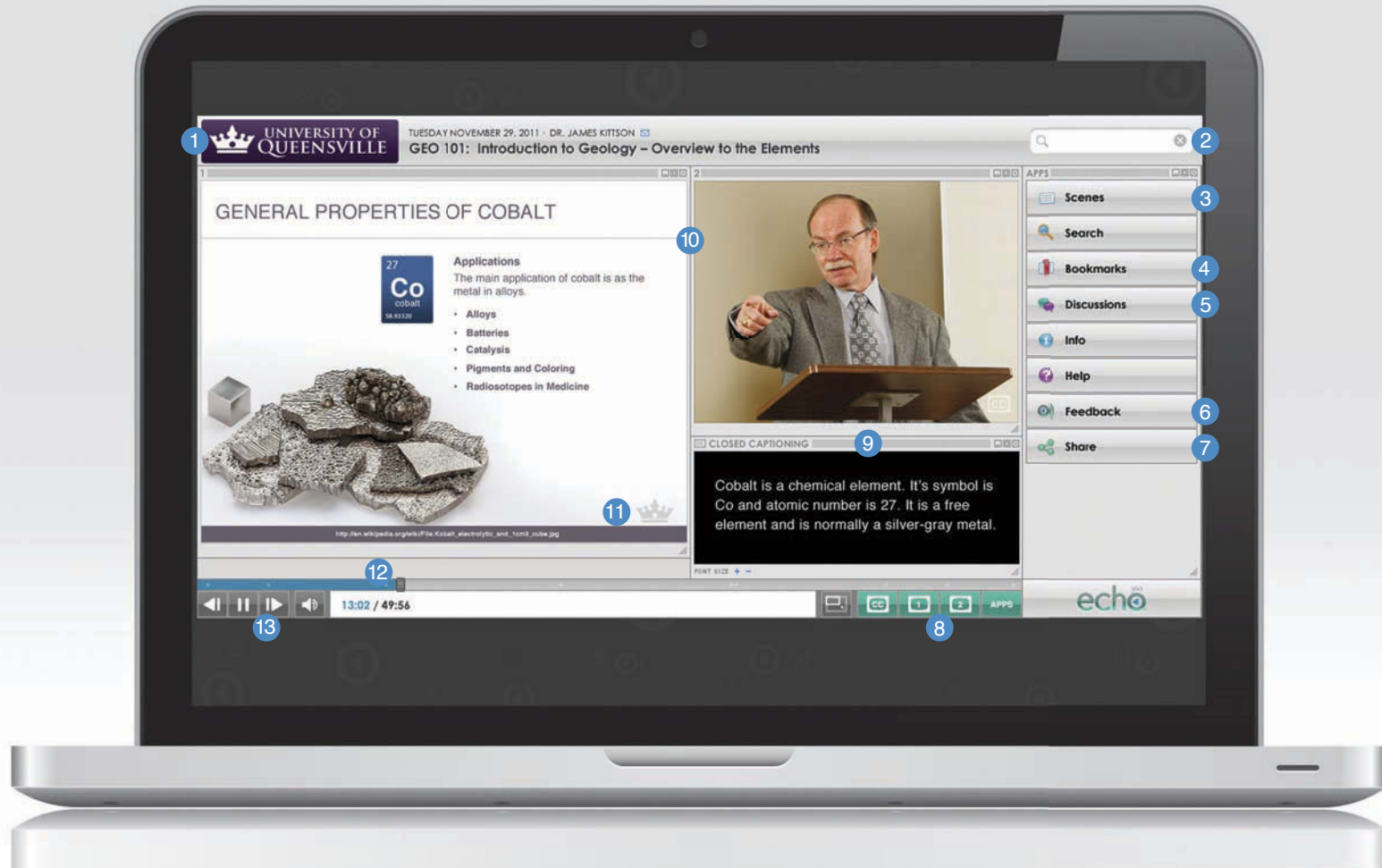
Blended Lives Need **BLENDED LEARNING**

Using the EchoSystem, the learning experience is unleashed. We start with lecture capture, combining the instruction, the visuals, and high-definition video of the professor into a seamless environment that can be viewed anywhere, anytime, by all students.

Then we extend and amplify the instruction. We give it longevity - make it something that can be tagged and shared, that can be turned into a collaborative effort, and that is harmonized to every student's individual study styles. Viewable on virtually every computer, phone and device, students can watch their instructional media over and over to improve their learning.

Flexible and Personalized Learning

Incredibly Powerful Yet Simple to Use



1 Institution Branding

2 Keyword Search

3 Scene-Based Navigation

4 Viewer Bookmarks

5 Asynchronous Discussions

6 Student Feedback to Echo360

7 Post Status to Facebook and Twitter

8 Toggle Controls

9 Closed Captions

10 Resizable Media Windows

11 Institution Watermarking

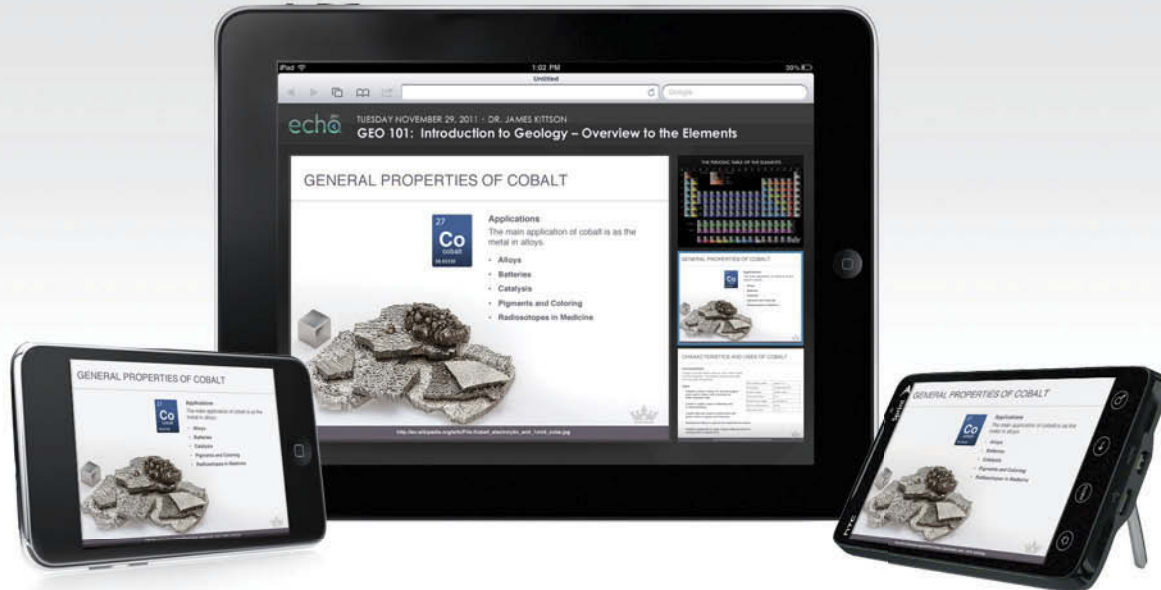
12 Time-Based Navigation

13 Playback Controls

EDUCATION UNCONFINED

Tablets and smart phones are the next wave in education technology, and the EchoSystem is ready. It's the first blended learning solution with a player designed exclusively for the Apple® iPad™. And for on-the-go learners, the EchoSystem safely streams content to any Apple iOS or Android device.

Go Anywhere. Learn Everywhere.





Social LEARNING

Engage students with an online, social learning experience. Intuitive features like bookmarks and discussion threads improve study habits and encourage collaboration in virtual study groups. Instructors gain insight into student activity and viewing habits with usage analytics.

Discover. Engage. Learn.

SAFECAPTURE HD

Students need lectures available anytime and anywhere. Professors want to teach and not worry about technology. Make it simple and effective for all with SafeCapture HD. This enterprise-capable solution allows you to reliably capture HD content in a single classroom or across multiple campuses with “set it and forget it” ease of use. This high-definition, dual-display and live-enabled solution provides students the immersive learning experience they need and demand.

Worry Free. Ultra Reliable. Scalable.





EchoCapture Software



EchoCapture Personal



External Media Ingest

Mix and Match **THE CHOICE IS YOURS**

From auditoriums to intimate learning spaces, the EchoSystem records the instructional media that is the backbone of your institution. Choose SafeCapture HD or any of the other EchoSystem recording options:

EchoCapture Software

Flexible and automatic, EchoCapture software records audio and course visuals on existing classroom computers.

EchoCapture Personal

Create tutorials, learning modules and other materials on instructor laptops with EchoCapture Personal.

External Media Ingest

Capture content everywhere using third-party cameras or screencasting software. Video from any source like YouTube® or your own archive can be easily uploaded and viewed in the EchoPlayer.



“Overall, Echo360's holistic approach...
is unsurpassed by any other vendor in the space.”

Aimee Roberts, Frost & Sullivan

Blended Learning **proven** RELIABLE Patented
TRANSPARENT TECHNOLOGY Bookmarks **at scale**
scheduled Integrated Solution

Easy to Manage
Study Group

Easy to use
Lecture Capture **Trust the #1** ENGAGE publish to LMS
Enterprise Solution

Collaborate Social Learning cost saving
Reduce Operating Costs teach

CENTRALIZED MONITORING **LOWEST TCO**

Fully Automated Q&A One Classroom to Multiple Campuses
DISCUSSIONS Award-Winning Centralized Monitoring

Blended Learning Made Simple with the EchoSystem

Painlessly Record, Produce, Manage and Publish Instructional Media

Scalable

From one classroom to hundreds, the EchoSystem has options for deployments of all shapes and sizes.

Set it and forget it

Automate the entire production workflow reliably and without any manual tasks.

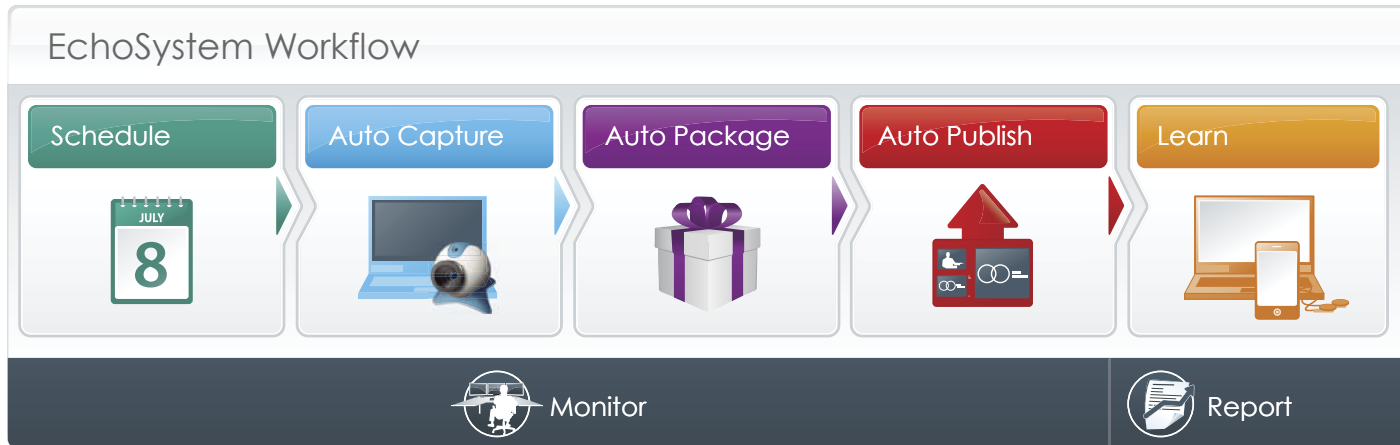
Centralized control

The EchoSystem serves as the hub to monitor and manage blended learning across the campus, saving hours of staff time.

Open and flexible

Use EchoSystem APIs to easily incorporate into existing technology workflows without disrupting classroom teaching.

Automated and Easy to Use. Capture with Confidence with the EchoSystem



Schedule

For Echo360 venue-based captures, institutions can establish semester-long schedules based on date, time, classroom and instructor.

Capture

Echo360 captures audio and video sources, and existing course visuals from document cameras, Sympodiums and more.

Package

Echo360 transforms captured AAC course audio and H.264 video and VGA sources into ready-to-play rich media and podcasts.

Publish

Links to lecture recordings are automatically published to popular systems like Blackboard®, Moodle, ANGEL, iTunes U or custom portals with the EchoSystem open publishing SDK.

Learn

On demand, day or night, students can playback their courses on computers and mobile devices.

Monitor and Report

The EchoSystem tracks lecture capture operations and alerts administrators of any issues. Usage reports give faculty visibility into their most popular lectures while administrators gauge system capacity.

Teaching and Learning **IS YOUR PASSION...** And Our Mission

Now that you've made the decision to implement an enterprise-grade blended learning and lecture capture solution, how do you deploy, manage and provide support? Tenured and experienced, the Echo360 client services team is 100% dedicated to your success. If you need help planning, our professionals are there to guide you. If there is a problem, we are relentless until it is made right.

90% Clients who recommend Echo360 client services

87% Clients who say Echo360 addresses their requests in a timely manner

93% Clients who say Echo360 has effective communication tools

Maximize Your Investment with World-Class Services

Providing an exceptional customer experience is job one for the Echo360 client services team. Echo360 partners with customers to help each institution maximize its investment in a campus-wide blended learning and lecture capture solution.



Deployment Planning

From solution design to location readiness, Echo360 tailors a solution that meets each institution's unique needs.



Installation Services

Using the experience and knowledge gained at more than 400 universities around the world, an Echo360 engineer leads the onsite deployment process to ensure proper configuration, installation and client acceptance.



Training

With curriculum designed for instructors and technology staff, Echo360 trains customers to capture, manage and operate the EchoSystem after the Echo360 team leaves campus.



Technical Support

Echo360 support engineers provide phone and email support with escalation procedures to software engineering and quality assurance teams.



Onsite Seminars

Echo360 will provide additional instruction for faculty and technologists with onsite educational sessions.

SafeCapture HD Technical Specifications

The preferred option for reliable and secure lecture capture. Scalable and easy to maintain, SafeCapture HD is the intelligent choice to make blended learning a standard on your campus:



- Best-in-Class Quality
- Infinitely Flexible
- Virus-Free Capture
- Lowest Total Cost of Ownership
- Easy to Use for Instructors

Display

Capture full-motion output from any VGA, DVI or HDMI-enabled device
Full-motion encoding records applications, annotations, embedded video and animations

Capture input resolutions from 640x480 to 1920x1200 (Scaled to the H.264 standard of 1088 maximum number of lines)

High-performance encoding engine provides H.264 encoded output at 30fps at all resolutions and bitrates from 240kbps to 3.2Mbps

All input aspect ratios supported; encoded to either normal (4:3) or wide (16:10) output

Digital or analog input via DVI-I connector, passively adaptable to VGA or HDMI input

Video

Digital (HDMI) or Analog (composite) video input NTSC and PAL support

Fullscreen (4:3) standard definition input resolutions from QCIF to D1

Widescreen (16:9) high definition input resolutions from 480p to HD-1080p

Provides H.264-encoded output with configurable frame rates including 12.5/14.985fps or 25/29.97fps at bitrates from 120kbps to 3.2Mbps



Audio

Audio encoding in stereo, mixed-mono or mono

Audio capture in AAC, sampled at 22.05kHz or 44.1kHz, encoded at bitrates from 32kbps to 128kbps CBR

Options for pro-level (+4dBu/1.228Vrms/1.737Vpk) or consumer-level (-10dBv/0.316Vrms/0.447Vpk) signals

Professional line-level audio input with bare wire termination for direct wiring of stereo balanced (non-powered) or unbalanced audio

Consumer line-level audio input with stereo RCA connector

Installation Options

Mount in a standard 19" A/V rack or podium

Set on a tabletop or shelf

Additional mounting options available

Signal Processing and Encoding

Signal pre-processing includes decimation, automatic de-interlacing and noise reduction

Technical specifications subject to change.

General Specifications

Dimensions: 431mm wide x 317mm deep x 44mm/1RU tall (without mounting options)

Weight: ~11.8lbs / 5.4kgs

Meets global standards for ROHS 6/6 compliance

Internal temperature sensors with temperature-dependent, variable speed, forced-air cooling

Removable, cleanable air filtration

World-compatible direct AC connection; input voltage: 90-240vAC 50/60Hz, using an IEC320-C13 cable

Operating environment: 0°-50°C (32°-122°F) ambient temperature

Operating humidity: 25% to 80%, non-condensing

Power requirements: 100vAC to 240vAC, 50/60Hz

Power consumption & heat: 62 watts (212 BTU/hr) max, 50 watts (171 BTU/hr) during capture

Certifications

UL 60065, 7th Edition, 2006-11-20

United States: FCC CFR47 Part 15, Subpart B:2010

Canada: ICES-003, ICES-003 Issue 4:2004 / NMB-003

Australia/New Zealand: C-Tick: AS/NZS CISPR 13:2004

European Union: EMC Directive 2004/108/EC

For additional information on the EchoSystem or to contact us, please visit our website.

www.echo360.com

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