

DISCOVERVIDEO FOR HIGHER EDUCATION

Lecture Capture



So Teachers Can
Focus on Teaching
and Students Can
Learn Their Way

Lecture Capture is a truly simple and economical way to stream and capture lectures for the modern student.

Lecture capture creates better learning outcomes by improving the educational experience

How Lecture Capture Improves the Educational Experience

A lecture capture video solution allows instructors to stream and record a lecture, presentation, or professional development, making them simultaneously available online.

The Benefits

The modern student and teacher is used to having access to information 24/7 from anywhere on any device. Making lectures, presentations and other school events gives students and instructors the on-demand access they need.

Students can revisit lectures from missed classes and learn at their own pace.

Professors can create a more dynamic interactive lecture with the ability to ask questions and students can receive immediate feedback.

Professors also get immediate feedback when they see who has viewed the lecture and can measure each student's level of comprehension.

Lecture capture facilitates flipping classrooms, delivering instructional content to students online before class, then reviewing the material in the classroom.

Everything professors do for students applies to professional development, allowing teachers to participate in real-time or with on-demand content.

How it Works

- **Automate Recording**
Schedule recordings to start at a specified time, with preset A/V inputs.
- **Stream with no Fuss**
Once the lecture has begun, students can view and interact with a synchronized presentation. It is immediately available on-demand - no waiting for the server to process the video.
- **Engage Students**
Just like they were in the classroom, instructors can interact with on-line students in real time with live chat, polling, and Q&A.
- **Add Closed Captioning**
Searchable, AI-generated closed captioning is added with just a click.
- **Offer Viewing Options**
Students can view live and on-demand presentations anywhere, on any platform using their campus login and an Internet connection. They can also download lectures as podcasts to listen without an Internet connection.
- **Monitor Student Engagement**
After the lecture, instructors can see who has viewed the recording live and on-demand.
- **Widen Your Reach**
Video presentations can be delivered to remote campuses with multiple viewers with a StreamPump appliance, replicating your stream, without using additional internet bandwidth.



Turn Your Classroom Into A Studio

Recording a lecture or classroom presentation and making it available to students online can be done with these two steps.

Step 1 - Encode Your Live Video

We recommend the Spider encoder, a.k.a. Video Production in a Box.

The Spider video encoder is a compact appliance that combines multiple high definition H264 streaming encoders with audio/video switching and processing.

- 4 Independent Inputs & 10 Streams + Recordings
- Built-in Video Switching & PiP
- Automatic Upload
- Schedule to Stream + Record
- Picture-in-picture effects, audio mixing, and more



Step 2 - Store & Serve Your Live Video

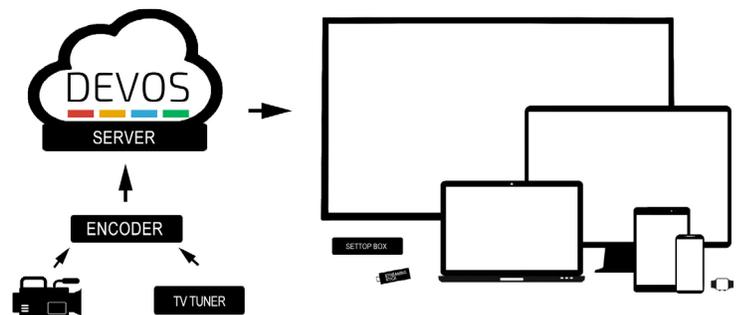
Ideally you want a robust server, with a secure transmission, and user-friendly interface. It should allow you to organize and distribute all of your videos and curriculum material.

DEVOS (Digital Enterprise Video Online System) is just such a tool. As an end-to-end video management platform, you can stream, capture, manage, and deliver with one system.

The DEVOS content management system serves as a central storage and management hub for all captured video content.

Many competitors offer video solutions that are exclusively cloud-based, and can be cost prohibitive. You have a choice of several different configurations, all at a much lower price point.

- On-premises: Install software on your own server or the DEVOS Rack Server-16, which supports over 2,000 simultaneous video viewers. Install a single server or one per department.
- Cloud: Fully hosted, expandable storage.
- Hybrid: On premises and cloud.
- StreamPump: An intelligent reflecting and caching server that optimizes video delivery.



For Best Results

- Use multiple stationary cameras so participants have several viewing options - presentation, audience, professor, and wide angle view of the professor.
- Modern cameras will balance light automatically, so you don't need exotic lighting systems.
- Use modern cameras with HD output for higher quality videos.
- Consider using a wireless lavalier type microphone for clear audio.

DiscoverVideo's DEVOS Difference

Our high quality education video solutions solve the most common technical and interface challenges with simple yet flexible options for streaming, recording, managing, and delivering content.

An Easy and Economical Solution for Lecture Capture and On-Demand Viewing

ONE STOP SHOPPING – ONE USER INTERFACE

With other solutions, you may have to use several different vendors for hosting, encoders and other hardware.

DEVOS is an all-in-one video ecosystem that let's you easily stream, capture, manage, and deliver, within one user-friendly control panel.

STREAMLINED SERVICE & SUPPORT

When all aspects of your lecture capture solution are compatible, installing and managing this system is simplified.

GUARANTEED 3RD PARTY INTEGRATION

All our products also “play nice with others,” so if you need to replace parts of your video management system, our hardware and software will easily integrate with 3rd party networks and components.

TRULY ECONOMICAL PRICING

Lecture capture pricing is based around the purchase of a video encoder and the DEVOS streaming/recording system (able to service up to 100 classrooms). You can choose a one-time cost of on-premises hardware, or DEVOS software with monthly bandwidth to the cloud server. Either way, you only pay for what you use, regardless of the number of users.

For example, an on-prem DEVOS server, with ten classrooms equipped with a multi-channel encoder, would average out to less than \$2000 per lecture hall per year, over a 5-year period. The cloud solution with typical bandwidth usage and a monthly subscription is about the same.



Educational Professionals Agree...

"DEVOS is THE BEST Streaming Platform for Lecture Capture!"

DEVOS

STREAMING MEDIA PLATFORM
for TEACHING & LEARNING



Ready to improve the learning experience and reach students anywhere, at any time?

Contact us for a live classroom demo to see how Discover Video's flexible and affordable lecture capture solution can enhance student success.

Higher Ed Customers



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