



Drive greater student engagement, success, retention and graduation rates.

All student-centric universities and K-12 educators can provide their students with an even richer video learning experience

› Increase student engagement and satisfaction

› Increase student assessment success, retention and graduation rates

› Work within your preferred Learning Management Systems (LMS)

› Integrate with your current Video Capture Platforms



EDUCATION



Provide every student with a video enriched and active learning experience, with Whizzard by Linius.

Technology, and in more recent times constructive alignment design, has revolutionized the process of learning, with a huge shift taking place from lectures and exam-oriented learning to a more interactive and engaging learning approach for students.

Student-centric universities and K-12 educators strive to deliver the interactivity students are seeking, to enrich their learning experience and drive greater engagement, success, retention and graduation rates.

Linus allows educators and students to search down to the millisecond for what was said and seen in recorded video lessons and libraries, to then quickly compile video snippets into new playlists to review, prepare for assessments and share.

It's all made possible with Whizzard, a self-serve product built for video capture and learning management systems that uses the power of Linus' Video Virtualization Engine , the world's first and globally patented, data-driven video technology.

Whizzard is available for trial and purchase on both the [AWS Marketplace](#) and [Zoom Marketplace](#).



What are the benefits?

Linus' world first video virtualization technology is revolutionizing how educators and students engage with their video libraries and get more out of their course content and active learning activities.



Enrich student experiences to support the delivery of student-centric education

Provide students with the ability to learn how and when they want, on their terms and in their own time.



Increase student engagement and satisfaction

In a matter of seconds, students and educators can surface topics spoken in a video lesson opposed to trawling through notes, add to their own playlists and then share with students or other colleagues.



Increase student assessment success, retention and graduation rates

The ability to access course content and information faster for research, study and assessment preparation, delivers better grades, higher retention rates and increased graduation numbers.



Integrate with your current Video Capture Platforms

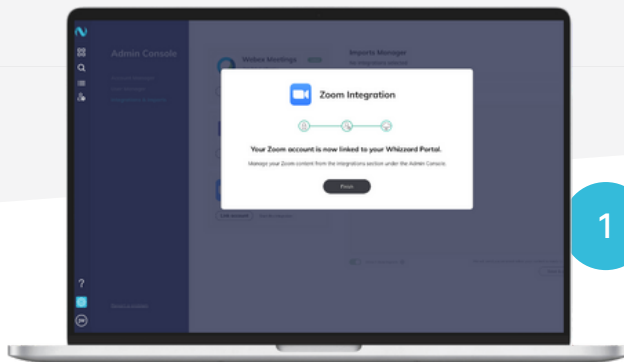
Linus integrates with Panopto, Echo360 and Zoom video capture platforms, amongst others.



Work within your preferred Learning Management System (LMS)

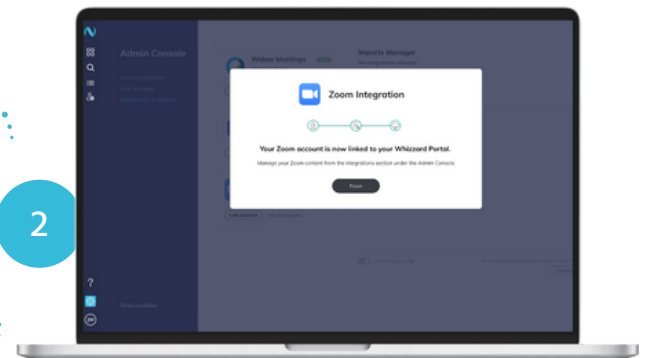
Linus integrates with Canvas (Elussian), Blackboard, Schoology, Schoolbox and more, meaning you don't need to leave your preferred platform to use the technology.

Using Whizzard is simple. It's a simple connect, search, edit, add to playlist and share.



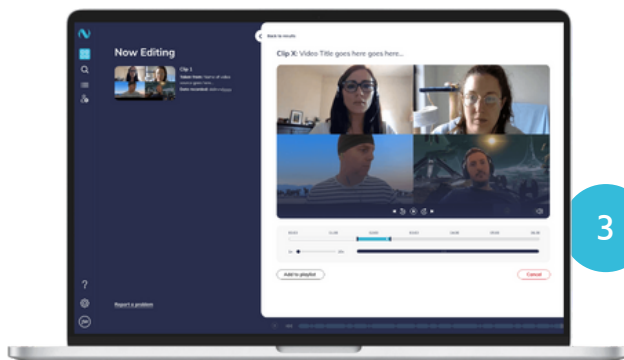
1. Connect

After you've been to whizzard.linius.com and successfully entered your credentials to create your Whizzard account, Whizzard will connect to your cloud recording account (e.g. Zoom) and begin importing its stored recordings.



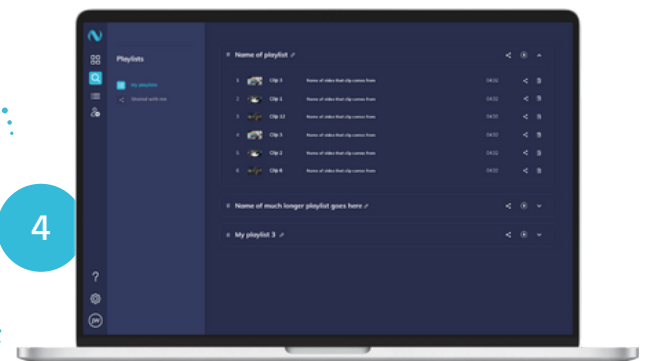
2. Search

Once your videos have been imported, a click on the search icon allows you to start exploring your Whizzard video library and search within and across those videos by transcripts, and refine by subject, presenter and date-range.



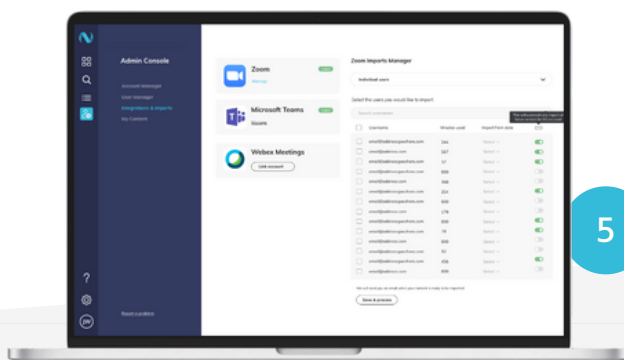
3. Edit

If there's a clip you'd like to edit before adding to a playlist, in edit mode you can drag the handles in the timeline bar to adjust the clip's start and end times, capturing only the moments that matter to you.



4. Playlists

Once you've captured your important moments, a click on the plus icon below the video thumbnail will add your clip to a playlist, where you will be prompted for a new or existing playlist. You can also view your playlist collection here.



5. Share

To share a playlist, you click the share icon to copy a shareable URL to your clipboard, and copy across to your preferred working platform. Here you can also click on the "shared with me" link, to see a list of all the playlists that have been shared with you.

Meet Taylor.

As a student I can:

- search video moments with the same speed and granularity as searching for text and images on Google, so I am liberated in a world of video-based learning.
- create video playlist according to sophisticated search parameters so as to develop and demonstrate my metacognition, specifically research skills.
- search for granular information segments within videos, so I do not need to waste lots of time finding specific content.
- instantly create, consume and share multi-video compilations on a specific concept, so that I can validate my learning and ideas from multiple sources.
- access the most relevant segments of the most relevant videos, so that I can be confident of the efficacy of the video content I am consuming and relying upon.
- access the more complete context of a targeted video segment, so that my learning is more rounded.
- search and instantly access video moments related to a specific lecturer or lecturers in relation to a specific concept or granular context, so that I can study, review and prepare for assessments more efficiently.
- follow other students and access their playlists, so that students in a sense learn from one another.
- select favourite segments of lessons and instructional video so as to build a portfolio of key learning resources.
- instantly review videos that explain the workings of specific past assessment questions and materials so I can master concepts.
- add new video clip segments to playlists, to refresh my learning and knowledge of wider information sources.



"Improved student engagement"

Meet Sam.

As an Educator I can:

- automate the creation of personalised video playlists according to learner attributes, to support more personalised learning.
- create video playlists for targeted instruction, student guidance, for student assessment and for student revision, so that I can afford students levels of learner agency commensurate with their level of course understanding.
- make 250,000 videos across my university fully searchable at the per-frame level, to provide a user experience that is far superior to existing asset level metadata searches (topic, lecturer name and date).
- create a sharable video compilation links on the fly so as to assist students in real-time learning settings.
- offer all students and educators the ability to search text and faces contained in video frames, to unlock new levels of video micro-searchability.
- instantly access precise learning moments across multiple videos to support students in achieving specific learning outcomes.
- use video search and compilation tools to develop students' meta-cognitive skills, specifically their research skills to support more divergent pedagogies across my campus.
- set access rights for student video search so that certain videos can be searched, and others cannot.
- rely upon the Linius team to manage the automated transcription and per-frame indexing of our university's video collection, so that students and lecturers can search at the powerful clip level.

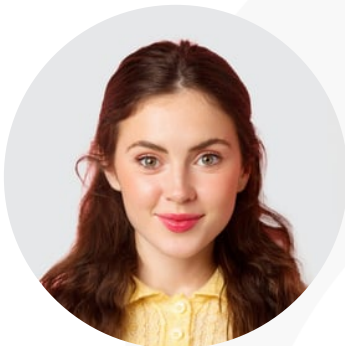
"Increased student retention"



Meet Suzy

Business Manager

As a Business Manager, I can work with the Linus team to enable video search within a faculty/subject or across the data lake of several or all faculties, to maximise the utility of our institution's video estate.



Meet Michelle

Digital Learning Leader

As a Digital Learning Leader, I can ascertain the most valuable videos and the elements of the most valuable videos at a frame level, per lecture, unit, course, faculty and/or overall. I can drive students to targeted video content at multiple instances of learning – core instruction, research skills development, student discussion and exposition, personalised learning and intervention.



Meet Michael

Provost and Learning Strategy Leader

As Provost, I can enable course designers and managers to curate prescribed instructional video content and provide students the agency to search, curate and share their own video playlists to strengthen their research skills and assignment work.



Meet Brendan

Campus Analyst

As a Campus Analyst, I can access real-time analytics reports (Google Analytics API and native Linus data) on usage, playlist creation, metadata and the most popular videos and playlists, to obtain insights into student engagement, learning and course pedagogies.



Meet Barry

Video Content Manager

As a Video Content Manager, I can curate video archives to produce playlists that feature specific themes, concepts and anniversaries, enhancing the value and accessibility of vast video archives.



Meet Chantelle

MOOC Course Designer

As a MOOC Course Designer, I can provide tailored video playlists to support formal, informal, undergraduate and post graduate course offerings to build reach and student engagement.



Meet Kylie

Digital Learning Designer and CIO

As a Digital Learning Designer or CIO, I can request a tailored Linius pilot implementation plan to prioritise use case, scope, get buy in and evaluate outcomes within a fixed, accessible budget.



Meet Edward

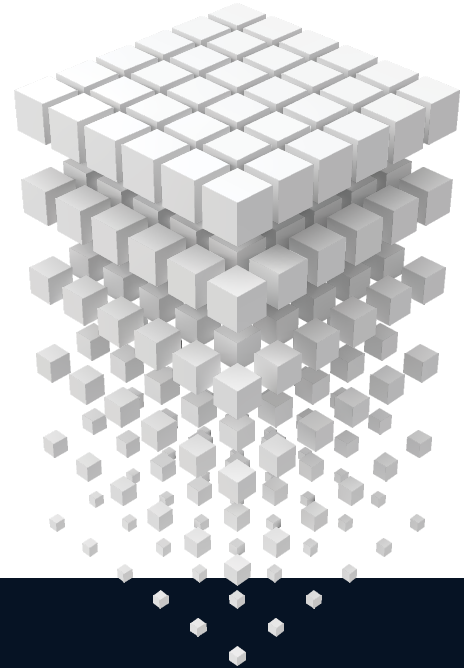
Media Manager

As a Media Manager, I can perform sentiment analysis, comparing coverage of across multiple news networks to determine media bias with unparalleled speed, accuracy and detail, sharing video compilations with students as research evidence, so as to provide students a real-world learning experience.

How does it work?

Linus has cracked the code that makes dynamic video search a reality for educators and students across the globe.

Linus transforms traditional video files into actionable insights by exposing and virtualizing the data within the video file. That data can then be indexed, tagged, analyzed and leveraged by applying AI or programmatically inserting business rules.



Step 1: Unlock your data

Transform traditional, static video files into flexible blocks of data.



Step 2: Create a virtual file

Index data to create a light-weight virtual video file – a fraction of one percent of the original file size.



Step 3: Enrich the data

Apply AI, third-party data or other intelligent business rules to make any video element instantly searchable.



Step 4: Select and sequence clips

Dynamically search, select and sequence relevant clips based on interests and business rules.



Step 5: Deliver hyper-personalized video

Share completely custom video content, that's reassembled at the point of playback.

Our Education partners, data providers and key integrations include:



- > [Linius.com/education](https://linius.com/education)
- > Education@linius.com
- > Facebook.com/linius
- > LinkedIn.com/company/Linius
- > Twitter.com/linius_tech
- > [AWS Marketplace](#)
- > [Zoom Marketplace](#)

