



Innovative solutions for education & training

*Powerful software tools, fully integrated labs, and expert consultancy.
Trust our 30+ years of experience to make your project a success.*

WWW.NOLDUS.COM

Noldus
Information Technology

Viso

- *Well-organized audiovisual recording tool*
- *Everyone can use it*
- *Quick video feedback*
- *Data protection guaranteed*

Viso® has been developed to record and play back scenarios, training sessions, and role-plays in a simple way. Both after and during the recording of the video, you can place markers at moments that are of interest and important for the learning process, with the simple press of a button. It is up to the user to determine which markers are chosen. Viso is able to record in multiple rooms at the same time.

The actions, behaviors, and interactions of students are recorded and can be assessed. This allows students to learn new skills and improve already existing skills.

QUICK VIDEO FEEDBACK

Using the audiovisual recording tool Viso will benefit a student's learning process for several reasons. The first benefit is that video feedback helps students to objectively understand their strengths and weaknesses. What went well and what could be



WWW.NOLDUS.COM/VISO

improved? Because it is recorded, they cannot ignore the facts. It also influences their self-confidence: the students see that certain actions or behaviors went well and, for example, triggered a positive reaction. This strengthens confidence in one's own abilities and ensures a positive self-image. In all cases, the feedback they receive is personal. It is all about themselves. As a result, students respond with more understanding and motivation. Moreover, using video recordings, rather than an observer present in the same room, makes students feel more comfortable. Note that the learning effect is not strong enough when just viewing the recordings. During debriefing, it is particularly important to discuss the goals that were set in advance.

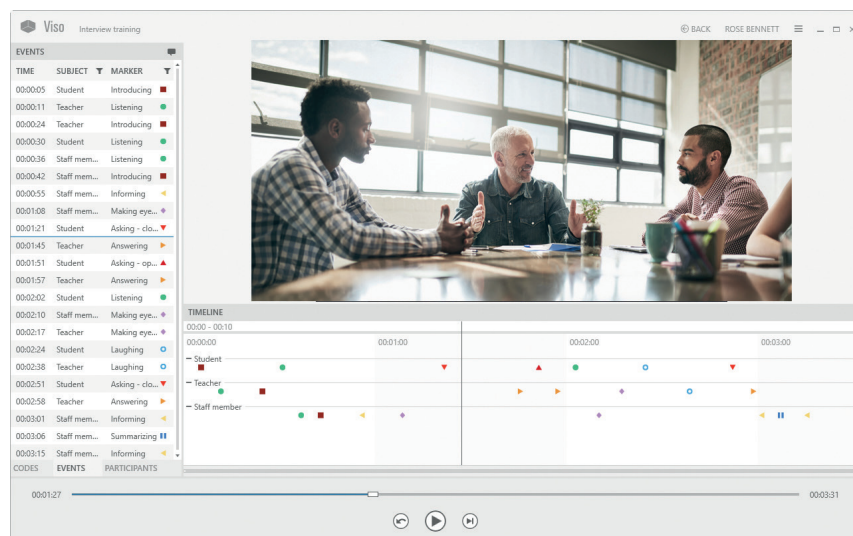
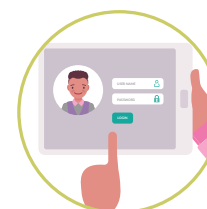
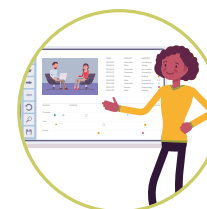
One of the many advantages a teacher or trainer will experience is that the Viso software system offers the possibility to record in several rooms at the same time, allowing sessions to take place in parallel. Video processing is quick and easy, videos can be played back right after recording, and no time to load is needed. In addition, there is no need to manually send videos back and forth to different students. Because students have their own login, they can access their own videos directly for review or to mark pre-set goals. Also, the ability to record sessions is a good tool for administering tests, which makes taking exams easier. Students can start and stop recording themselves, a teacher does not have to be present. All in all, this active form of learning will greatly improve the quality of education.

CONTROL THE SYSTEM WITH EASE

Navigating through the program is quick and simple. It is easy to understand how it works, you can get to know this audiovisual tool in just 15 minutes. Moreover, you no longer have any trouble keeping things organized. With Viso, you can set up recordings in advance and automatically start and stop these recordings at a scheduled time. An ideal solution when operating in multiple rooms in which multiple sessions occur simultaneously. Students can be divided into groups or departments in advance. Therefore, the Viso system can be used by several faculties at the same time.

DATA PROTECTION GUARANTEED

Data protection is the fair and proper use of information about people. It is part of the fundamental right to privacy. You can be sure of a high level of security when using Viso. Data protection is completely covered. A user login is required, an audit trail is enabled by default, a data retention period can be set, and the different user roles determine the available rights and functionalities. Viso is fully compliant with HIPAA, FERPA, and GDPR.



The screenshot displays the Viso software interface for an interview training session. The main window shows a video recording of three people in a meeting. On the left, there is an 'EVENTS' list with columns for TIME, SUBJECT, and MARKER. Below the video is a 'TIMELINE' section with a playhead and various event markers. The interface also includes a top navigation bar with 'BACK' and 'ROSE BENNETT' options, and a bottom playback control bar.

TIME	SUBJECT	MARKER
00:00:05	Student	Introducing
00:00:11	Teacher	Listening
00:00:24	Teacher	Introducing
00:00:30	Student	Listening
00:00:36	Staff mem...	Listening
00:00:42	Staff mem...	Introducing
00:00:55	Staff mem...	Informing
00:01:08	Staff mem...	Making eye...
00:01:21	Student	Asking - clo...
00:01:45	Teacher	Answering
00:01:51	Student	Asking - op...
00:01:57	Teacher	Answering
00:02:02	Student	Listening
00:02:10	Staff mem...	Making eye...
00:02:17	Teacher	Making eye...
00:02:24	Student	Laughing
00:02:38	Teacher	Laughing
00:02:51	Student	Asking - clo...
00:02:58	Teacher	Answering
00:03:01	Staff mem...	Informing
00:03:06	Staff mem...	Summarizing
00:03:15	Staff mem...	Informing

NoldusHub

- *Easily combine multiple types of measurements*
- *Facial expressions, gaze, heart rate, cognitive load*
- *Record behavior of multiple participants simultaneously*
- *Unlock key insights and see patterns easily*

When you want to understand the motivations and cognitive processes behind human behavior, it is crucial to combine insights from both behavioral and physiological responses. With NoldusHub®, you will enjoy seamless control, calibration, and monitoring of all your data streams, such as facial expressions, heart rate, and cognitive load. The software of all connected hardware devices is fully integrated. You can start your



WWW.NOLDUS.COM/NOLDUSHUB

recordings at once from the same location, for multiple participants simultaneously. NoldusHub directly processes all incoming data and gives you real-time visualization and meaningful results, both during and after data collection.

FaceReader

- *Automatically measure facial expressions*
- *Able to measure interest, boredom, and confusion*
- *Provides a complete picture of reactions to stimuli*
- *Objective assessment of emotions*

Emotions instinctively influence our behaviors and decisions. Our face is often the best indicator for this, as our facial expressions convey emotions. FaceReader™ is the automated system for the recognition of a number of specific properties in facial images, including the expressions happy, sad, angry, surprised, scared, disgusted, neutral, and contempt. The software calculates Action Units, valence, arousal, gaze direction, and head orientation.



WWW.NOLDUS.COM/FACEREADER

FaceReader allows you to select and visualize your data in detail and compare responses between different groups. Additionally, you can create your own custom expressions, such as interest, boredom, and confusion.

Audiovisual Lab

- *Help students and professionals to learn effectively*
- *Safe and controlled environment*
- *Visual feedback from eye trackers and expressions*
- *Provide immediate feedback on skills and practices*

Allow students and professionals an opportunity to put theory into practice in a safe and controlled environment. The recordings with audiovisual data will help you gain insights into learning processes, teamwork, and communication. Students and professionals learn much faster when they can see what they do and immediately receive personalized video feedback on their performance. This evidence-based learning strengthens



WWW.NOLDUS.COM/LAB-SETUP

their knowledge and skills, as well as builds their confidence. You can easily integrate a variety of data streams into your audiovisual lab, such as physiological data, eye tracking data, and facial expressions.

Portable Lab

- *Easy to transport*
- *Quick set-up in any environment*
- *On-site video and audio recording of training*
- *Usable for multiple faculties*

With our compact portable lab, you can assess scenarios live and on-site. Designed for easy transportation, our portable lab fits into one lightweight carrying case. It contains all equipment you need to make live behavioral recordings in any context. With all components labelled and ready for assembly, you're ready to record quickly once you've arrived on site, which saves valuable time. A Noldus portable lab is set up within minutes. Moreover,



WWW.NOLDUS.COM/PORTABLE-OBSERVATION-LAB

it is built on a modular platform. This means you can extend it with additional third-party hardware, such as an eye tracker or a heart rate monitor, for an even more thorough data collection session on site.



WWW.NOLDUS.COM/LEGISLATION-VISO

Privacy & Security

- *Safe data storage*
- *Data protection regulated*
- *Cameras for each department*
- *Complies with legislation*

Data protection is the fair and proper use of information. Noldus software provides a high degree of security to protect the data from illicit use. Legislations, such as GDPR, HIPAA, HITECH, and FERPA, state that data should be kept in a safe place and must be inaccessible to others. This is assured by placing the computers in a locked room, strong password protection, encryption of the entire HDD in a computer, data in transit encrypted by Transport Layer Security (TLS), automatic deletion of recordings after a specific length of time, and sophisticated user management.



WWW.NOLDUS.COM/NOLDUSCARE

NoldusCare

- *Experience peace of mind*
- *Around the clock support*
- *Latest software upgrades*
- *First year for free*

Maintenance and support are vital to any product, especially when you rely on it on a daily basis. Moreover, you want to achieve maximum return on investment. That is why we want to ensure that you benefit from the investments you made with our very fast and reliable service NoldusCare. It includes the latest software updates and upgrades for free, containing new features and functionalities. Besides, an extended warranty on hardware means that quick repair or replacement of hardware is free of charge as well. And if you have a support question, you will receive a personal answer within 24 hours.



WWW.NOLDUS.COM/SUPPORT

MyNoldus

- *Fastest way to reach support*
- *Easily download your software*
- *All documents in one place*
- *Manage your account online*

Along with your purchase, you'll receive a MyNoldus account. Within this environment, you can find the latest versions of your software. You can view and download installation instructions, drivers and tools, documentation, sample projects, and training videos. You can submit and keep track of your own support questions, view and update your personal account details such as the licenses you own, and find quick answers to frequently asked questions. Also, you can benefit from in-depth articles in the Knowledge Base or expand your knowledge by checking out the Noldus Academy.