

3D Organon XR

User Manual

Vision Trainer

for Standalone & PC VR Headsets

Available for:

Standalone VR headset: Meta Quest 3/3s | Meta Quest Pro | Meta Quest 2 | Pico 4 Ultra E | Pico 4E | Pico Neo 3 Pro | HTC Vive Focus Vision | HTC Vive Focus 3 | HTC Vive XR Elite | Apple Vision Pro

PC VR Headsets: HTC Vive Pro/Pro 2/Pro Eye | HTC Vive Cosmos | Oculus Rift/Rift S | Windows MR headsets | Any VR headset that supports a compatible PC VR experience

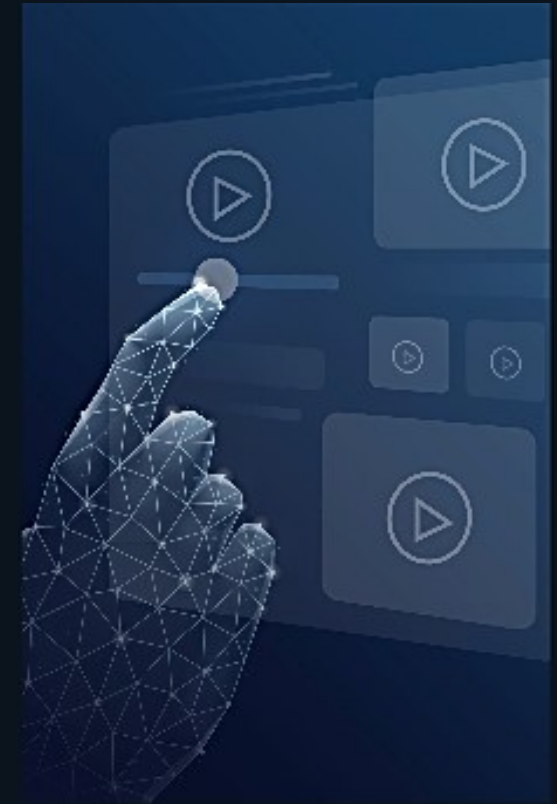


Table of Contents

Kindly continue reading, or click on a link to get directly to a specific section.

Setup	3
The Lobby	4
Menu - How to Access Settings and Exit the Vision Trainer Module	5
Menu - Settings	6
Library - How to Add and Manage Videos in Your Library	7
Recording 360° Videos	8

Courses & Chapters

Courses - Course Creation and On-Demand Access for Students	9
Courses - How to Create a New Course	10
Chapters - How to Create New Chapter	11
Chapters - How to edit your Chapters	12
Chapters - How to Add Annotations	13
Chapters - How to Add Video	14
Chapters - How to Add Text	15
Courses - How to Play a Course that you have Created	16
Courses - How to upload a Course to the Cloud.	17

How Instructors can make Courses Available to Learners

How to create Classrooms from the 3D Organon Account Center	18
How to add a Course to a Classroom	19
How to add Students to a Classroom	20

Students learning at their own pace, anytime, anywhere

How Students can View a Course	21
How Students Navigate within a Course	22

Live Training through Medverse

How to Create a Session	24
Inside the Virtual Room, as the Instructor	25
How to Join a Session as a Participant	26
Inside the Virtual Room, as a Participant	27
Network Services Documentation	28

1 Requirements

- For Hardware Requirements & Installation Instructions

PC VR headsets: click [here](#)

Standalone VR headsets: click [here](#)

- To log in, you must have an active Subscription which is provided to you with a License Key.

If you **already have a Subscription**, please:

- ☐ Activate your 3D Organon account using the **Welcome to 3D Organon** email you received.
- ☐ Visit the **3D Organon Account Center** to learn about the new login method that eliminates the need to manually enter credentials on your device (click [here](#) to view the User Guide).

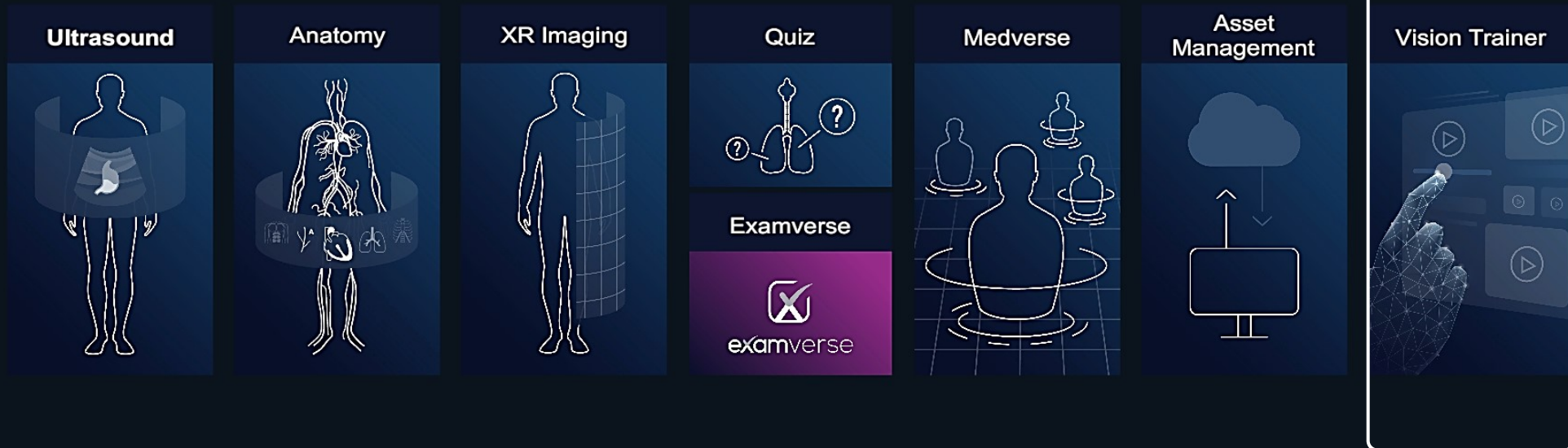
If you **do not have a Subscription**:

- ☐ Contact our Customer Development Team at prosupport@3dorganon.com

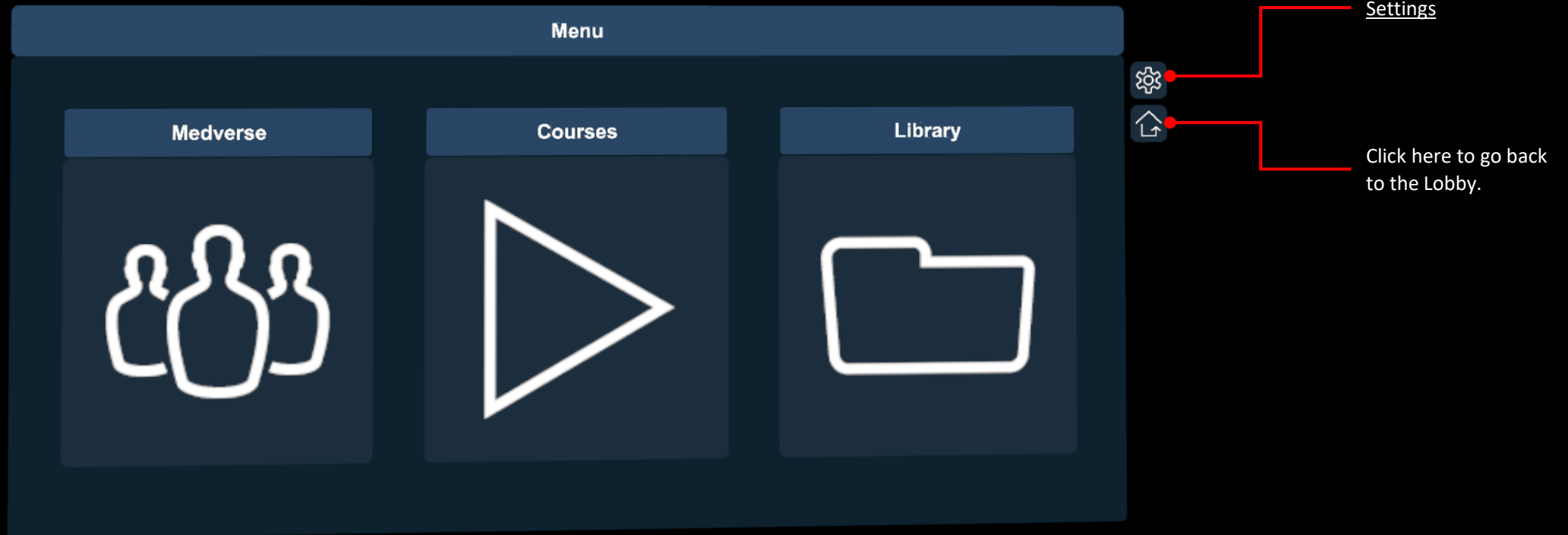
2 The Lobby features

- **Please note:** Vision Trainer is an add-on available exclusively with a **Premium License key** and is sold separately at an additional cost. For more information, please contact our Sales Team at prosupport@3dorganon.com.

Select from the following modules:



3 How to Access Settings and Exit the Vision Trainer



4 Settings

Report an Issue:

Click the 'Report an Issue' button and provide a brief description. A support ticket will be sent to our team. To track your ticket and view all communication, log in to the 3D Organon Account Center by clicking [here](#). For more information on using the Account Center, you can download the User Manual [here](#).

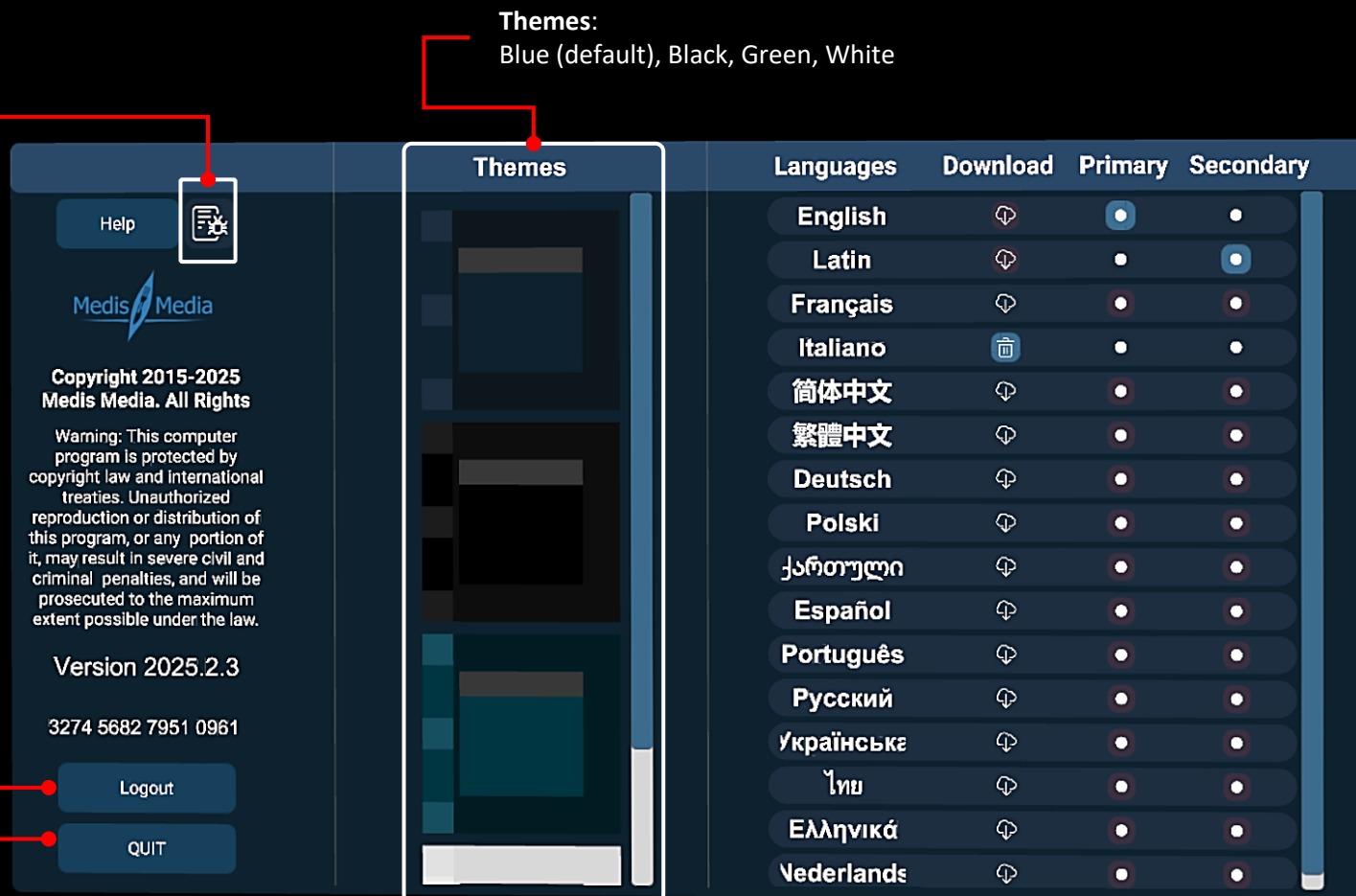
Logout:

















Press the 'Logout' button to shut down the app and remove your access credentials from autologin (recommended for public computers and libraries to avoid credentials from being stored in the device).

Quit:

Press the 'Quit' button to turn off the app (your credentials are stored locally. You do not have to insert them again when you log in the same device). Internet access at login is still required.

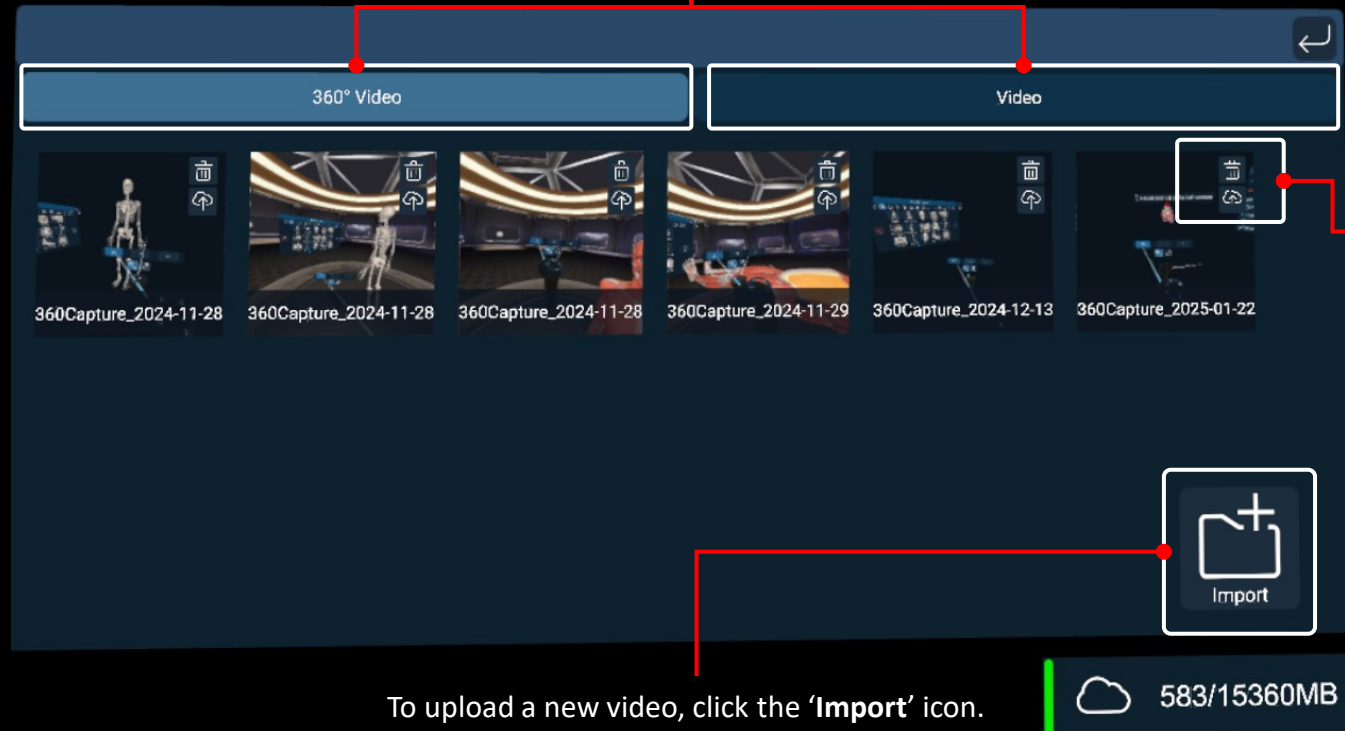
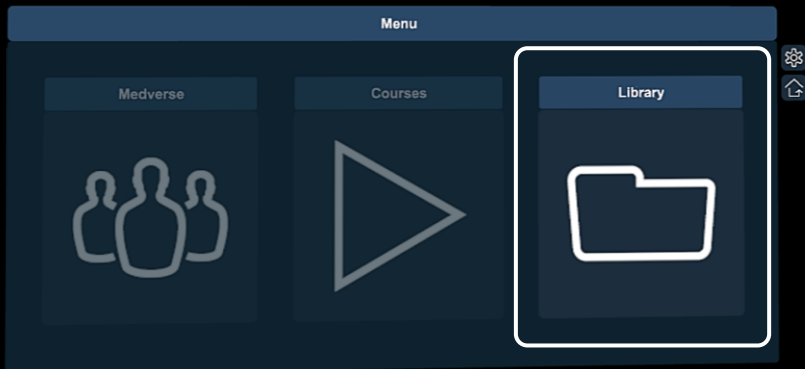
Themes:
Blue (default), Black, Green, White



Languages	Download	Primary	Secondary
English		<input checked="" type="radio"/>	<input type="radio"/>
Latin		<input type="radio"/>	<input checked="" type="radio"/>
Français		<input type="radio"/>	<input type="radio"/>
Italiano		<input type="radio"/>	<input type="radio"/>
简体中文		<input type="radio"/>	<input type="radio"/>
繁體中文		<input type="radio"/>	<input type="radio"/>
Deutsch		<input type="radio"/>	<input type="radio"/>
Polski		<input type="radio"/>	<input type="radio"/>
ქართული		<input type="radio"/>	<input type="radio"/>
Español		<input type="radio"/>	<input type="radio"/>
Português		<input type="radio"/>	<input type="radio"/>
Русский		<input type="radio"/>	<input type="radio"/>
Українська		<input type="radio"/>	<input type="radio"/>
ไทย		<input type="radio"/>	<input type="radio"/>
Ελληνικά		<input type="radio"/>	<input type="radio"/>
Nederlands		<input type="radio"/>	<input type="radio"/>

5 How to Add and Manage Videos in Your Library

You can find your 360° videos under the '360° Video' tab and traditional 2D videos under the 'Video' tab.



You can either delete a video or upload it to the Cloud.

To upload a new video, click the 'Import' icon.



6

❑ What is a 360° Video?

A 360° video (also known as immersive or spherical video) is a type of video that captures a full 360-degree view of a scene in all directions at the same time. This allows viewers to look around freely as if they were physically present in the environment.

❑ Capturing 360° Videos Within 3D Organon XR

Note: This feature is available only in the Anatomy Module and works on both Standalone and PC VR headsets.

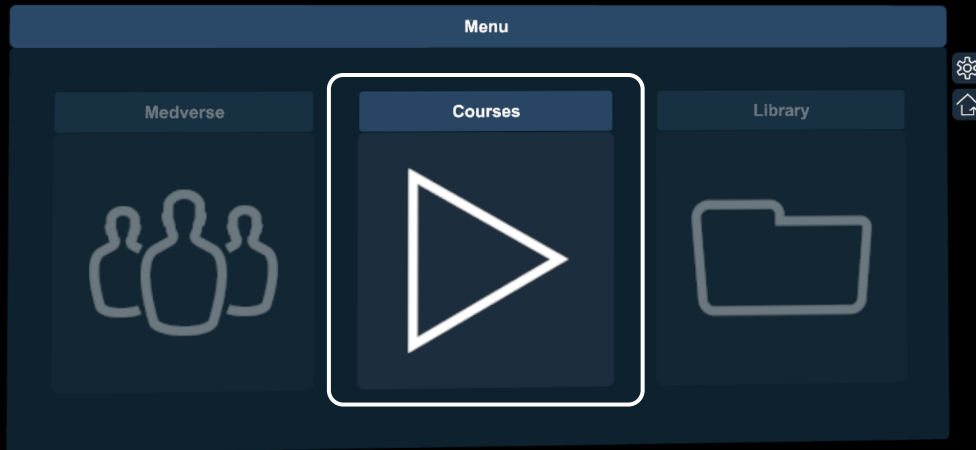
- Click the 'Record' icon in the 'Tools' section to capture your screen actions or lecture for sharing and editing purposes.
- The recorded files are automatically saved in the 3D Organon library.
- For more details on using the Record tool, click [here](#) and refer to page 17.

❑ How to capture a 360° Video of your environment and record your actions

What gear do you need for a 360° video?

- Specialized cameras with multiple lenses that capture all angles at once. Examples: Insta360 , GoPro MAX, Ricoh Theta Z1, QooCam.
- Tripod or Stabilizer. Keeps the camera steady and improves video quality.
- Editing Software Used to stitch, edit, and export your 360 video.
- High-Performance Computer because 360 video files are large and require a powerful machine for editing.
- **Note:** 360 videos should be recorded in 4K resolution or higher.

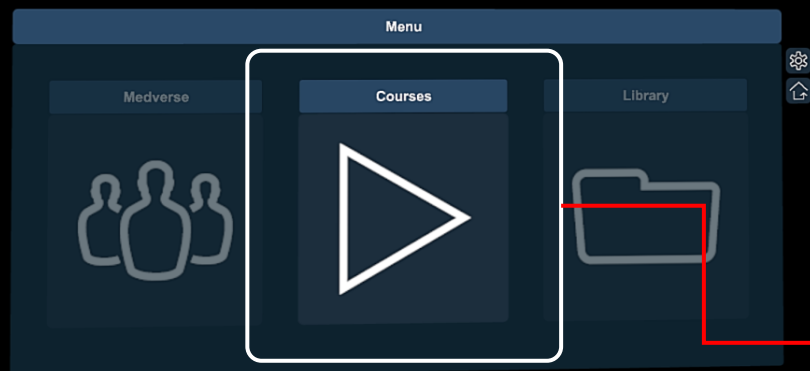
7 Course Creation and On-Demand Access for Students



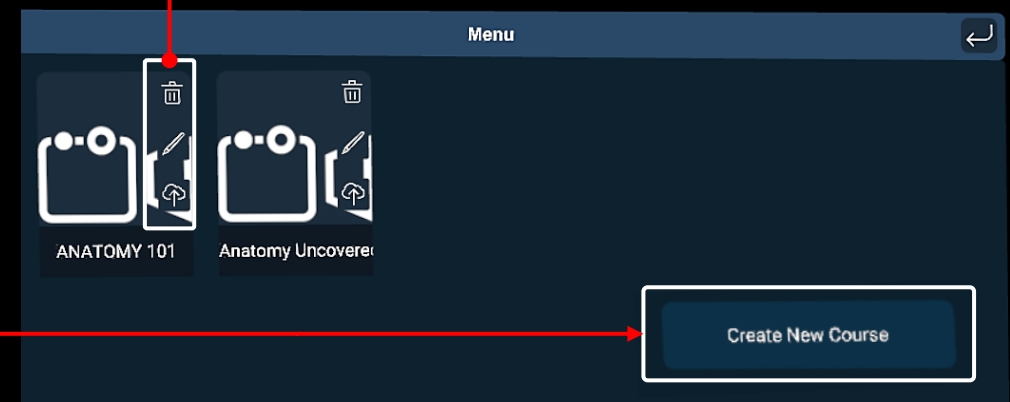
With **Vision Trainer**, educators can create customized courses either on a desktop or directly within a VR environment. These courses can then be accessed by students anytime, anywhere on VR headsets, tablets, or desktop computers.

For live, interactive teaching sessions, courses can also be delivered in real time through the **Medverse** platform.

7-1 How to Create a New Course

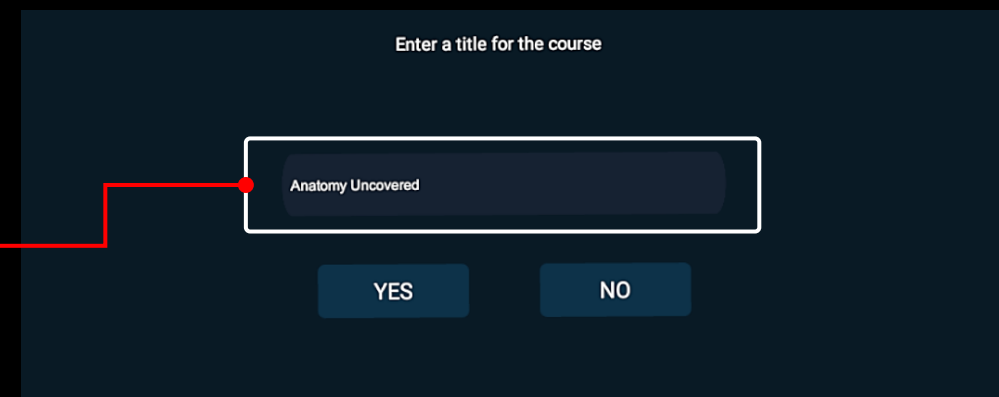


Click the '**Courses**' icon, then select '**Create New Course**' to begin setting up a new course.



You can upload to the cloud, delete, or edit any existing course you have created.

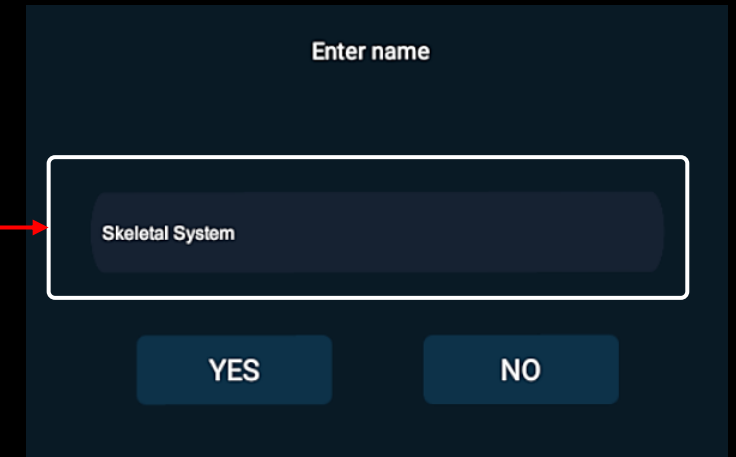
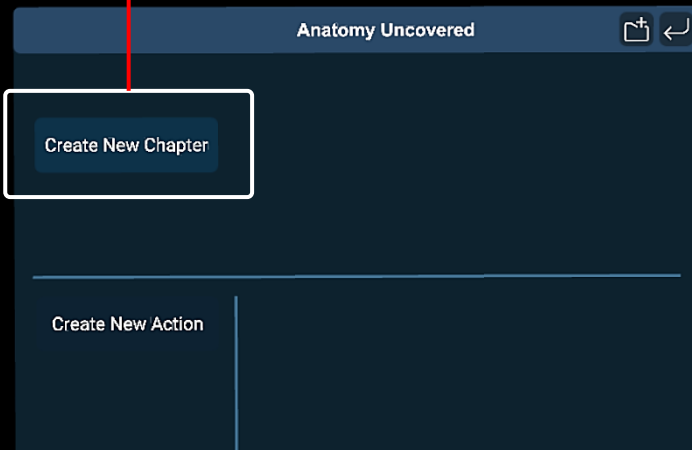
Enter a title for the course, then click '**Yes**' to confirm.



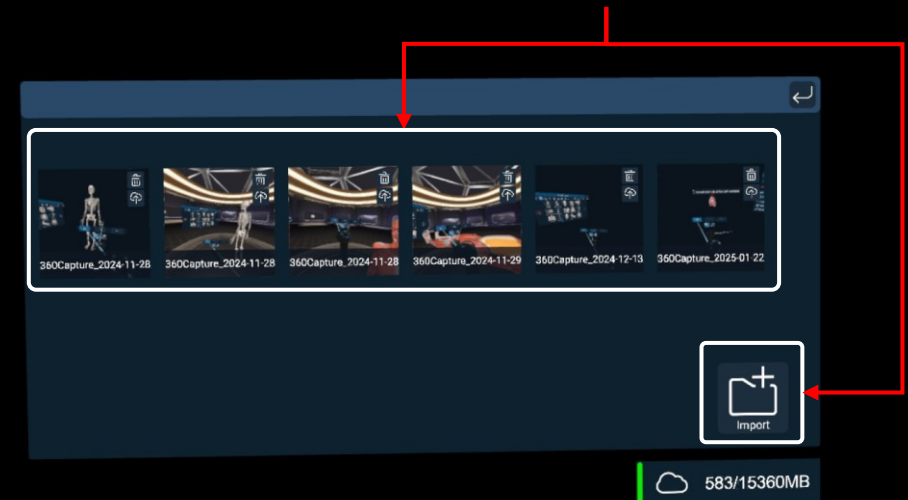
7-2 How to Create a New Chapter

- Courses have chapters to organize content into manageable sections, making it easier for learners to follow, understand, and retain information.

Click the **'Create New Chapter'** icon, then enter a name and click on Yes to begin setting up a new chapter.



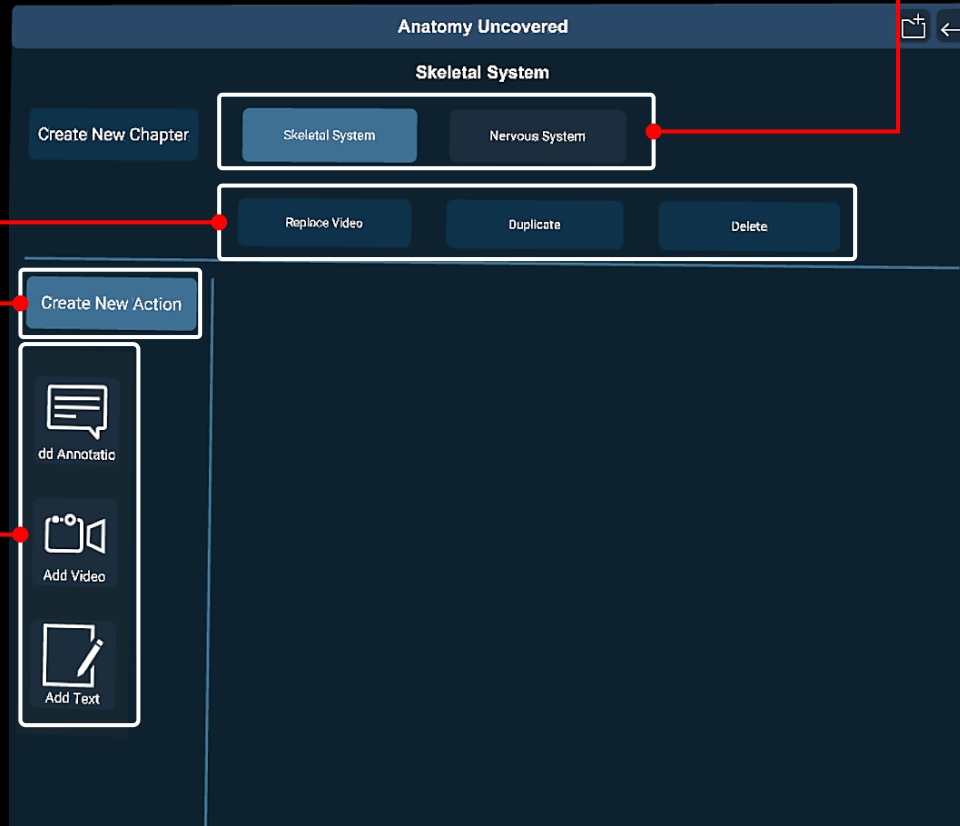
After clicking **'Yes'** you'll be prompted to select an existing 360° video or upload a new one by clicking the **'Import'** icon.



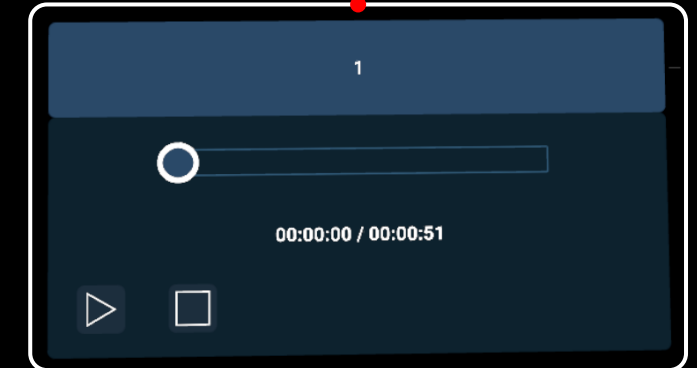
7-3 How to edit your Chapters

Within each chapter, you can replace the video, duplicate it, or delete it.

Click 'Create New Action' to access options such as Add Annotations, Add Video, and Add Text.



Click on a chapter to enable editing. The 'Create New Action' button will appear, along with video playback controls that let you play/pause, or restart the video. You can also drag the timeline and click play to jump to a specific moment.

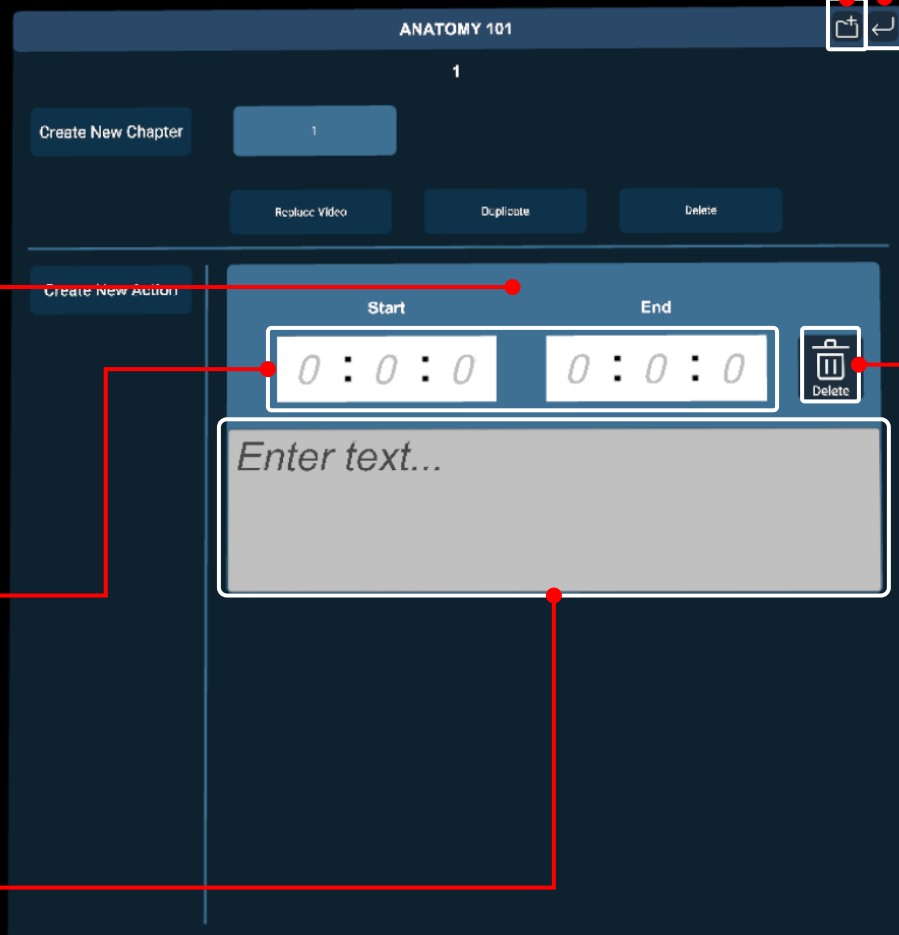


7-4 How to Add Annotations

First, click on the blue box to make the text box appear.

Click on the start time and end time to edit them. The annotation will appear during the selected time interval.

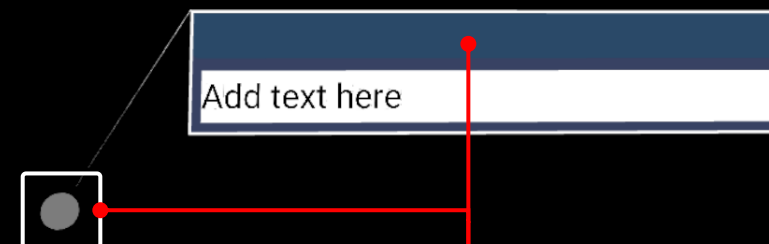
Click here to add text. It will appear in the annotation window.



Click this icon to save your actions.

Return to the main menu.

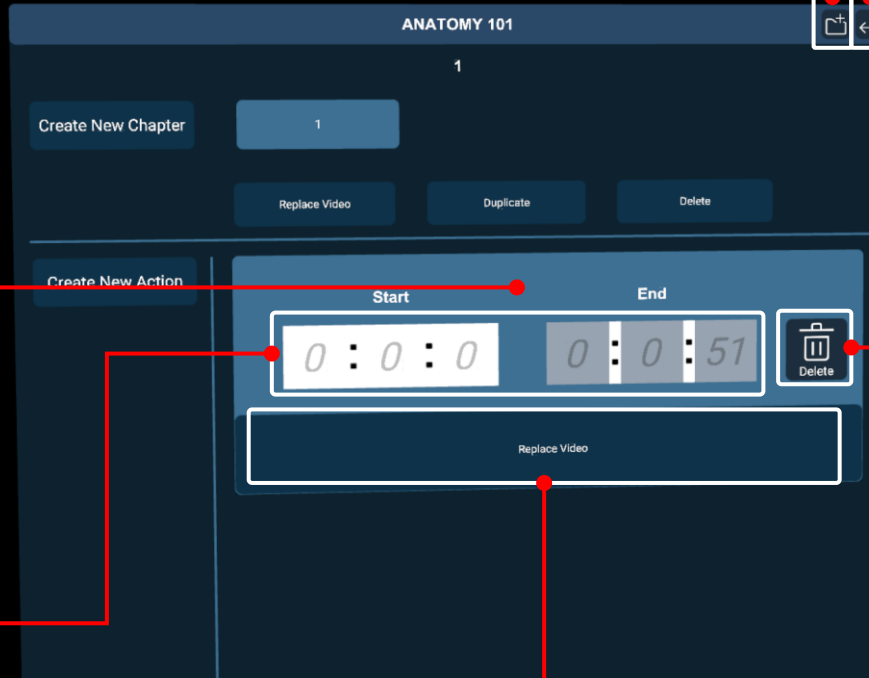
Delete an annotation.



Drag the annotation point and window to the exact area you want to highlight by holding down the trigger button on your controller.

7-5 How to Add Video

First, click on the blue box to make the 'Replace Video' button appear.



Click on the start time and end time to edit them. The video will appear during the selected time interval.

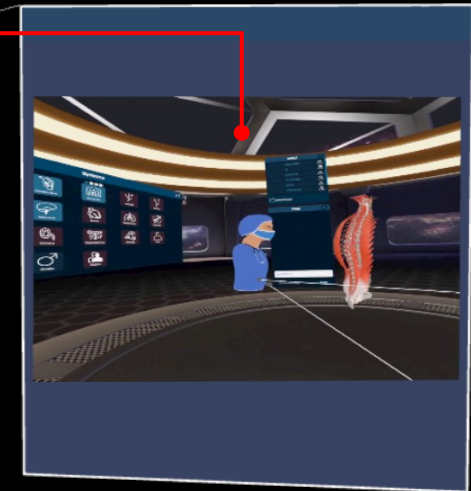
Click here to add a video from your traditional 2D videos under the 'Video' tab.

Click this icon to save your actions.

Return to the main menu.

Delete a video.

Position the video point and window to the exact area you want to highlight by holding down the trigger button on your controller.

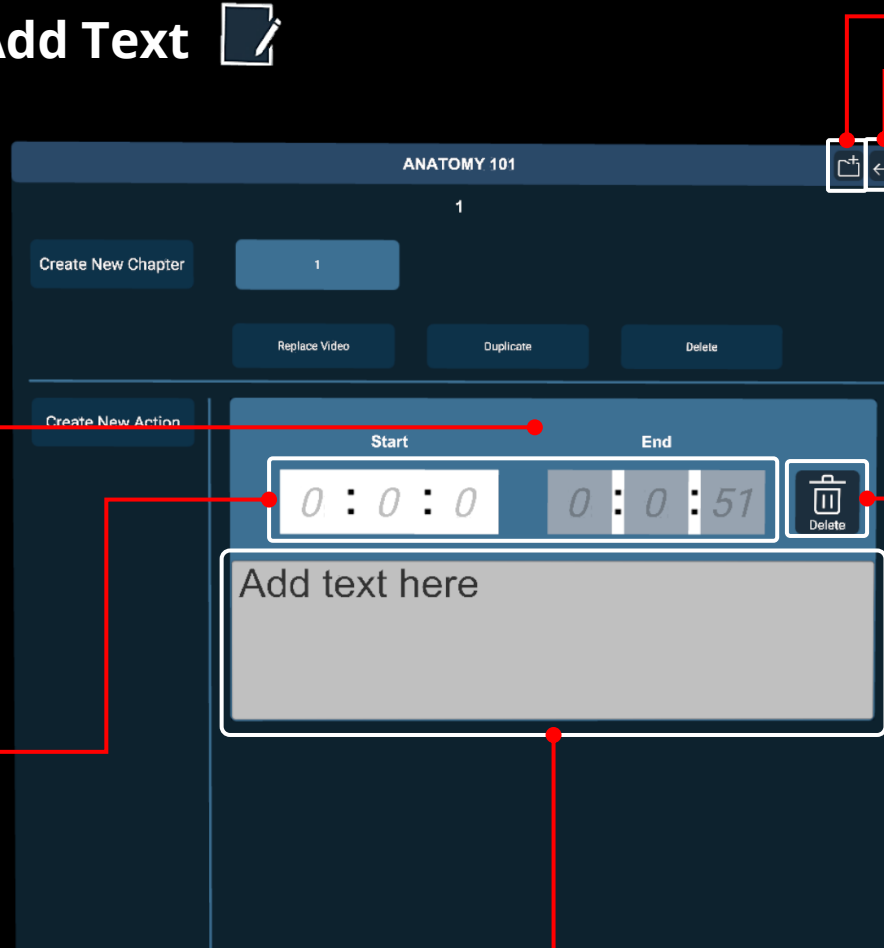


7-6 How to Add Text

First, click on the blue box to make the text box appear.

Click on the start time and end time to edit them. The text will appear during the selected time interval.

Click here to add text. It will appear in the text window.



Click this icon to save your actions.

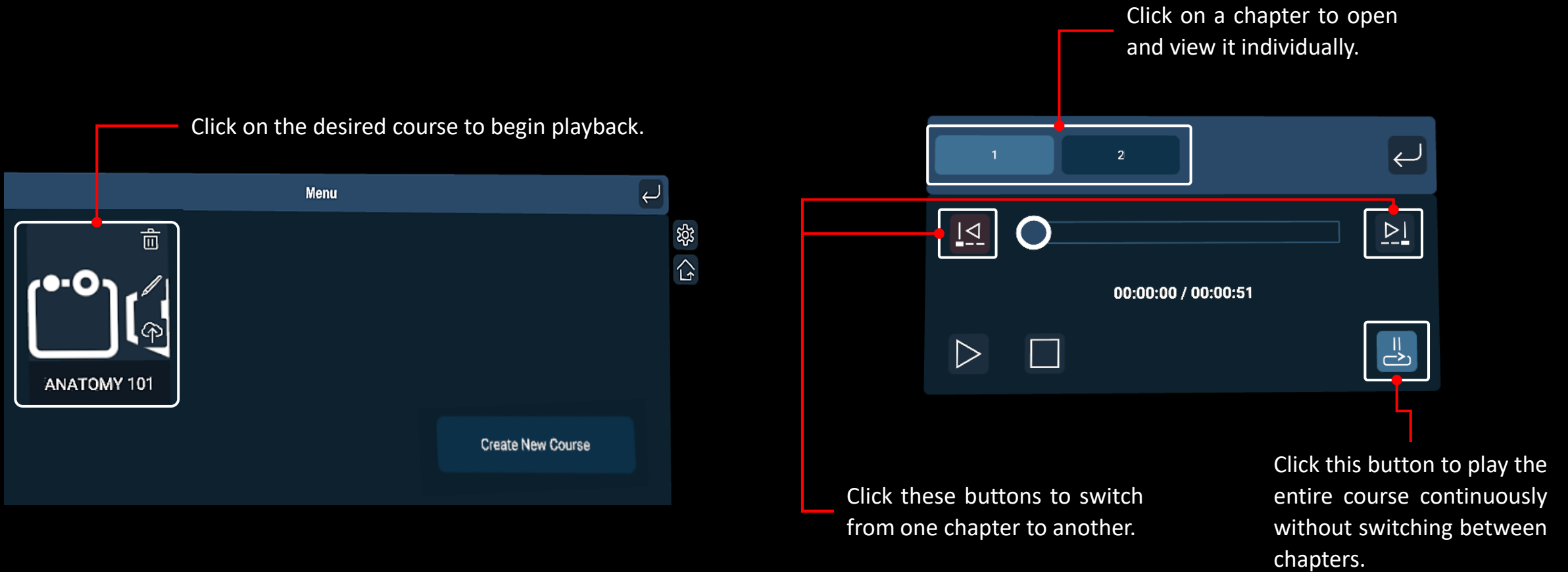
Return to the main menu.

Delete a text window.

Position the text window at any place you need.



8 Playing Your Created Course for Review Before Sharing



The image shows two parts of the 3Dorganon interface. On the left is the 'Menu' screen, which has a dark blue header with the word 'Menu' and a back arrow. Below the header is a large card for 'ANATOMY 101' featuring a clipboard icon, a trash can icon, and a pencil icon. A red line points from the text 'Click on the desired course to begin playback.' to the 'ANATOMY 101' card. At the bottom right of the menu is a 'Create New Course' button. On the right is the playback screen, which has a dark blue header with two chapter buttons labeled '1' and '2'. A red line points from the text 'Click on a chapter to open and view it individually.' to the '1' button. Below the chapter buttons is a video player with a play/pause button, a progress bar, and a timestamp '00:00:00 / 00:00:51'. A red line points from the text 'Click these buttons to switch from one chapter to another.' to the play/pause button. At the bottom right of the playback screen is a button with a double right arrow icon. A red line points from the text 'Click this button to play the entire course continuously without switching between chapters.' to this button.

Click on the desired course to begin playback.

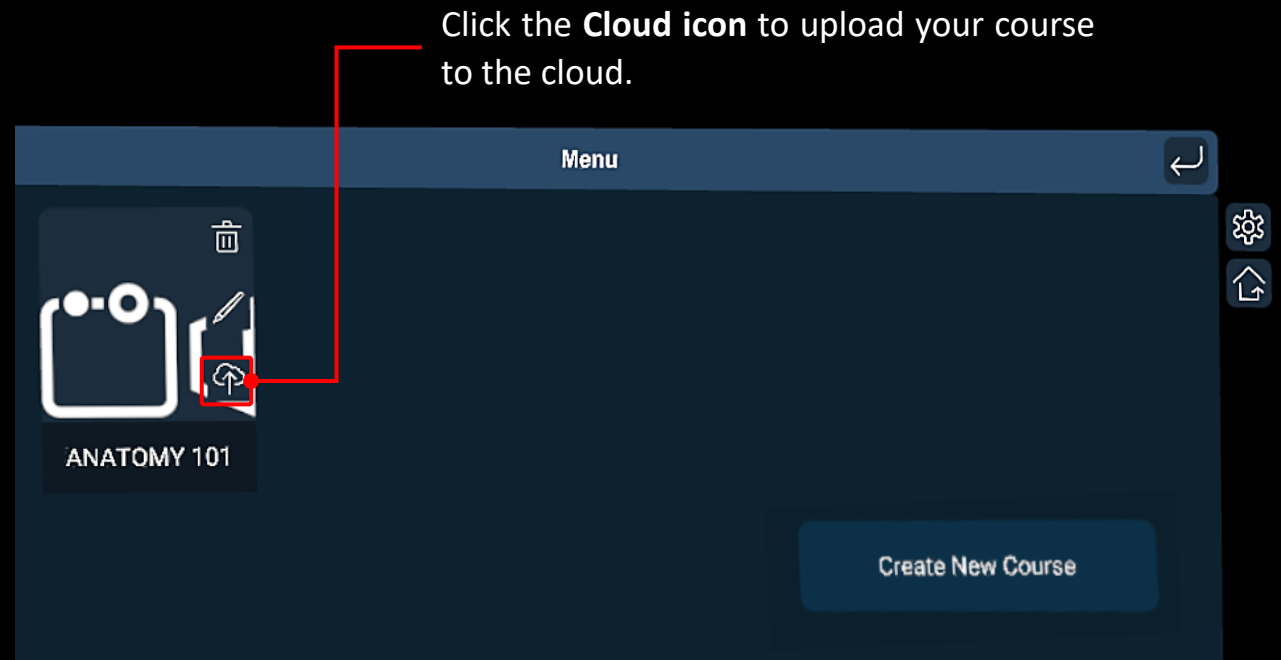
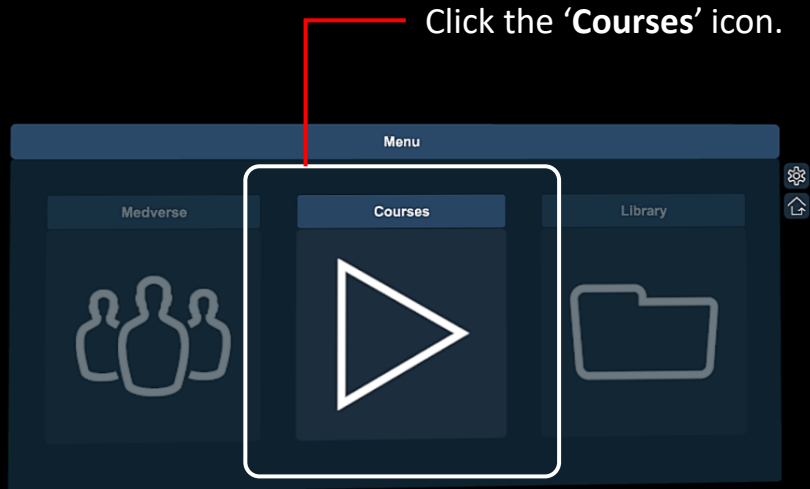
Click on a chapter to open and view it individually.

Click these buttons to switch from one chapter to another.

Click this button to play the entire course continuously without switching between chapters.

9 How to upload a Course to the Cloud.

- **Please note:** In order for a professor to add a course to a classroom and distribute it to students, the course must first be uploaded to the cloud.



How instructors can make courses available to learners

10-1 How to create Classrooms from the 3D Organon Account Center

- Click [here](#) to enter the 3D Organon Account Center.

The screenshot shows the 3D Organon Account Center interface. On the left is a sidebar with navigation links: Dashboard, Files, Classrooms (highlighted with a dashed blue box), License Manager, and Support. The main content area is titled 'Classrooms List' with a breadcrumb 'Home - Classrooms List'. At the top right of the main area, it says 'Server Time: 25-Jun-2025 16:24:06 (GMT+03:00)'. Below this is a search bar with the placeholder 'Search by name'. To the right of the search bar are buttons for 'Search', 'Reset', and '+ Add New Classroom' (highlighted with a dashed blue box and an annotation: 'Click on the 'Add New Classroom' button to create a new Classroom.'). Below the search bar is a table with the following columns: #ID, NAME, DESCRIPTION, CREATED AT, and ACTION. The table contains one row with the following data: #ID 11, NAME Class_01, DESCRIPTION Add description here, CREATED AT 25-Jun-2025 08:58 PM. The ACTION column for this row has a dropdown menu (highlighted with a dashed blue box and an annotation: 'Click on 'Actions' to edit, view, assign students, make announcements, or delete a classroom.') with options: Edit, View, Attach Students, Announcements, and Delete. To the right of the table is a pagination control showing '< 1 >'.

3Dorganon

Server Time: 25-Jun-2025 16:24:06 (GMT+03:00)

Classrooms List

Home - Classrooms List

Search by name

Search Reset + Add New Classroom


#ID	NAME	DESCRIPTION	CREATED AT	ACTION
11	Class_01	Add description here	25-Jun-2025 08:58 PM	Actions Edit View Attach Students Announcements Delete


< 1 >


How instructors can make courses available to learners


10-2 How to add a Course to a Classroom


- From the Classrooms tab, click the **'Actions'** button next to a classroom you've created, then select **'View'** (refer to [slide 18](#) for visual guidance).
- Next, go to (1) **Attachments** and click on (2) **Attach Assets**.


 Dashboard

 Support Tickets

 Files

 **Classrooms**

 License Manager

 Support

View Classroom

Home - Classrooms - View Classroom

Name: Class_C

Description: Add de

Link:

Link Description:

Created On: 25-Jun

Students **Attachments**

Attach Assets

Select file type

Type asset name...

Description



Cancel

Submit

Assets

#

Icon

Asset Name

File Type

Description

Attached on

Actions

3574



ANATOMY 101

Lesson360

Add text 

25-Jun-2025 11:52 PM



Under the **'Assets'** section, you can find all the assets you have created.

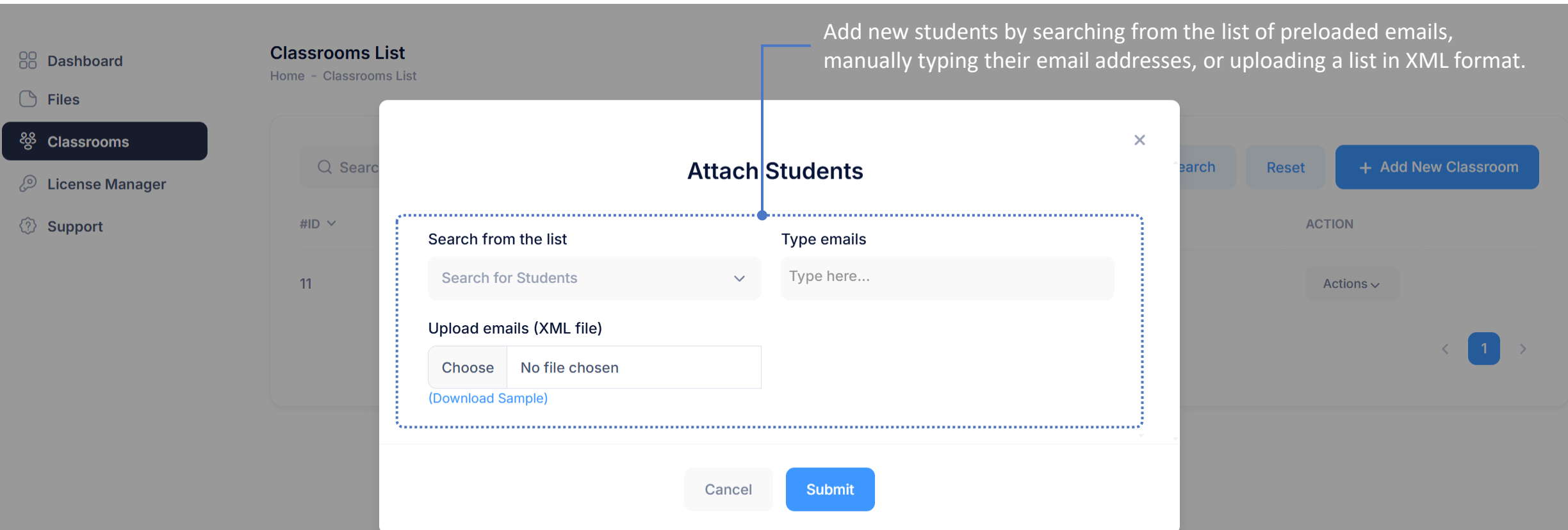
- From the file type menu, select **'Lesson360'**.
- Under **'Asset Name'**, choose one of the courses you've previously created.
- Enter a description to provide additional details about the course.

2

Attach Assets

10-3 How to add Students to a Classroom

- From the Classrooms tab, click the **'Actions'** button next to a classroom you've created, then select **'Attach Students'** (refer to [slide 18](#) for visual guidance).



The screenshot shows the 'Classrooms List' page with a sidebar containing 'Dashboard', 'Files', 'Classrooms', 'License Manager', and 'Support'. The 'Classrooms List' table has columns for '#ID' and 'ACTION'. A modal titled 'Attach Students' is open, with a blue line pointing from the text 'Add new students by searching from the list of preloaded emails, manually typing their email addresses, or uploading a list in XML format.' to the modal. The modal contains three sections: 'Search from the list' with a 'Search for Students' input field, 'Type emails' with a 'Type here...' input field, and 'Upload emails (XML file)' with a 'Choose' button, 'No file chosen' text, and a '(Download Sample)' link. At the bottom of the modal are 'Cancel' and 'Submit' buttons.

Classrooms List
Home - Classrooms List

Search

#ID

11

ACTION

Actions

1

Dashboard

Files

Classrooms

License Manager

Support

Search

Reset

+ Add New Classroom

Attach Students

Search from the list

Type emails

Search for Students

Type here...

Upload emails (XML file)

Choose

No file chosen

(Download Sample)

Cancel

Submit

Add new students by searching from the list of preloaded emails, manually typing their email addresses, or uploading a list in XML format.

11-1 How Students can View a Course

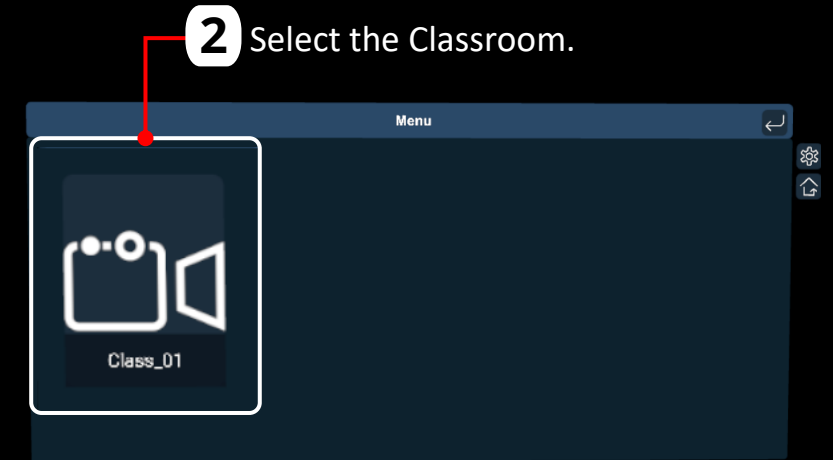
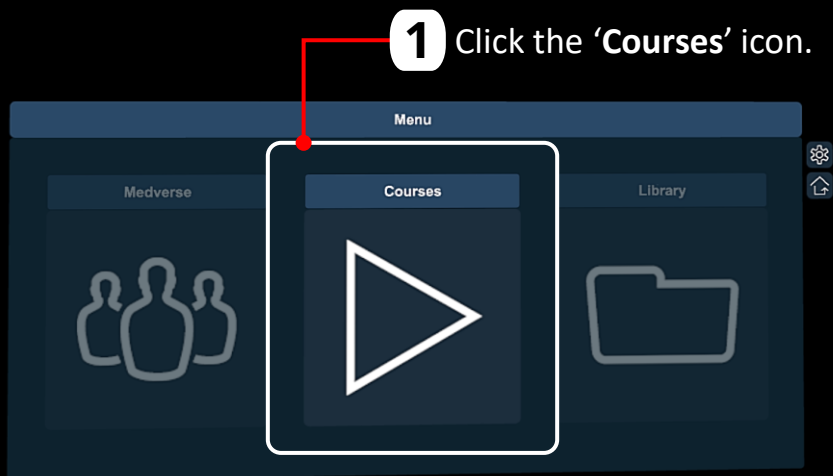
Students must have an active 3D Organon license key.

Download 3D Organon XR on their device.

- For Standalone VR Headsets click [here](#)
- For PC VR click [here](#)

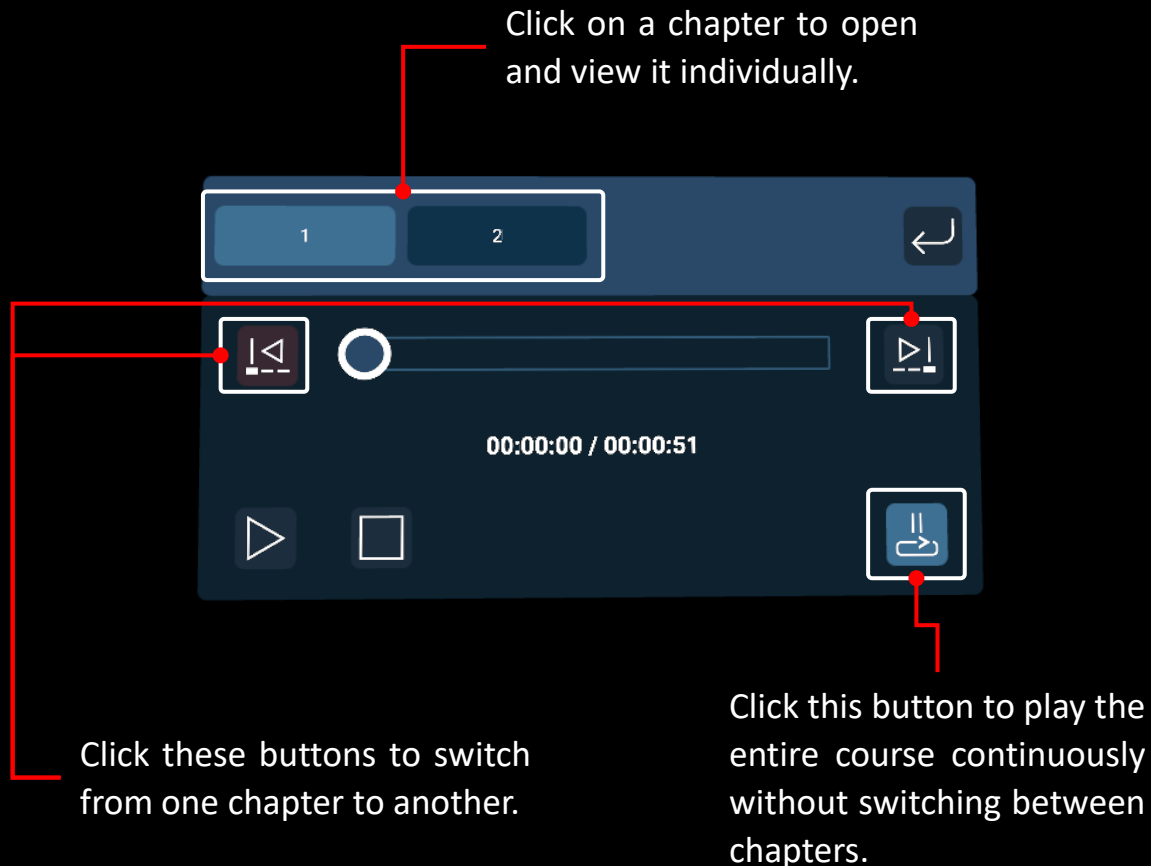
Log in using the instructions provided in the 3D Organon Account Center [User Guide](#).

Click on 'Vision Trainer' and complete the following three steps:



11-2 How Students Navigate within a Course

Within the course, the playback window offers multiple buttons that help you navigate through the course efficiently.

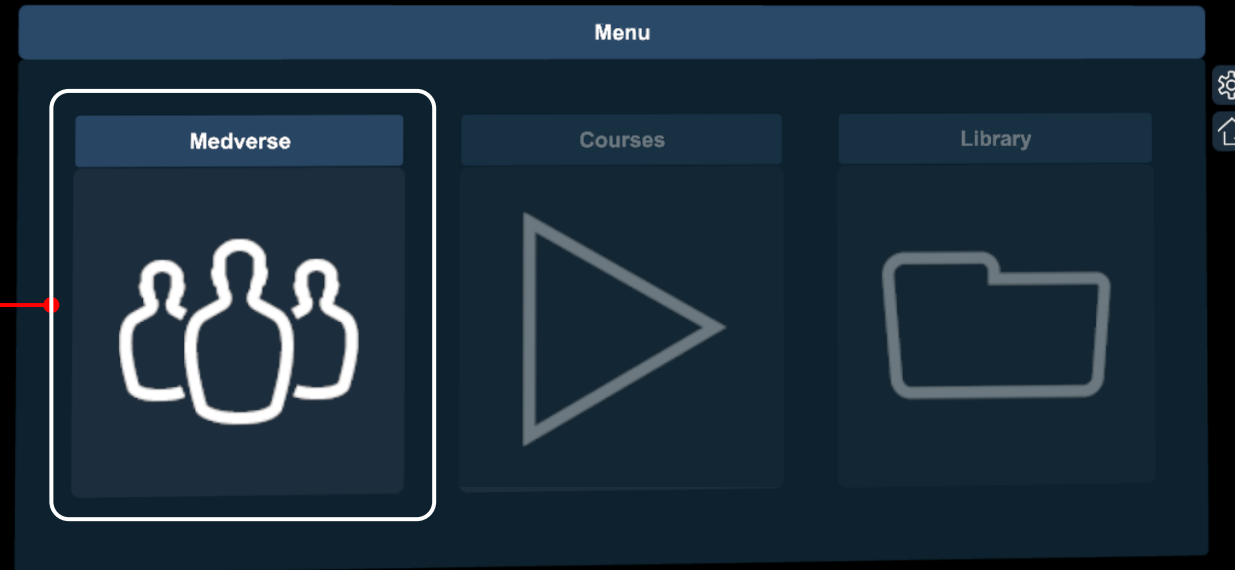


Position the playback window anywhere on the screen by clicking and holding the trigger button on your controller.



12 Live Training through Medverse

Click on the Medverse icon to create a Room where users can join your class.
This allows you to present a course live to an audience.



13-1 How to Create a Session

- Vision Trainer is an add-on feature available exclusively with a **Premium license key** and sold separately at an additional cost. It enables users to create virtual rooms and host remote training sessions, which participants can join from anywhere in the world with an internet connection.

Click on the 'Medverse' icon.

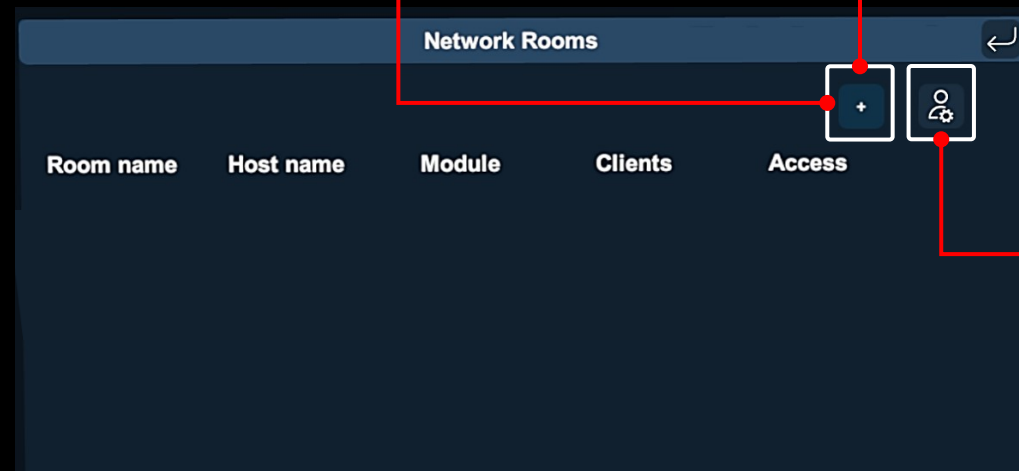
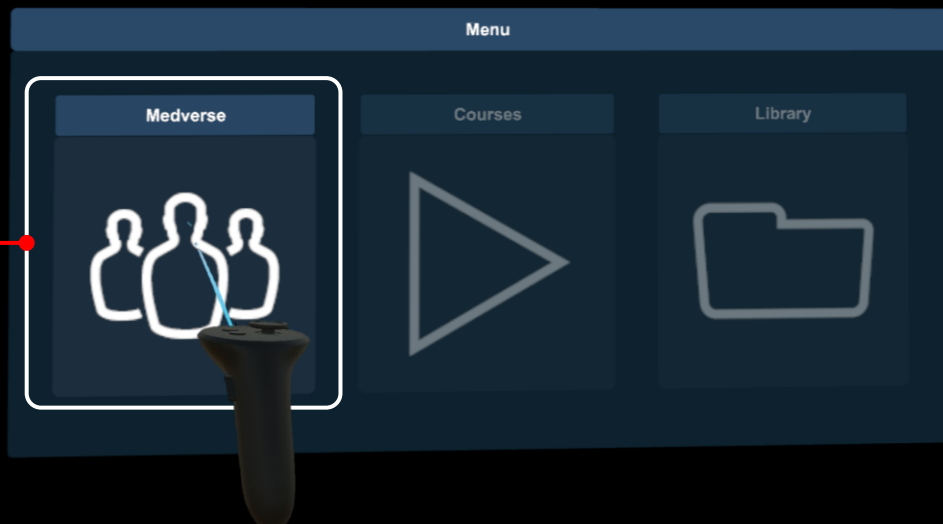
Then, to create a room, click on the '+' button.

Enter the desired Room name, number of supported Clients, room visibility (Private/Public), and an optional Password. Press the 'CREATE SESSION' button to initiate your session.



The 'Create Room' form contains the following fields and controls:

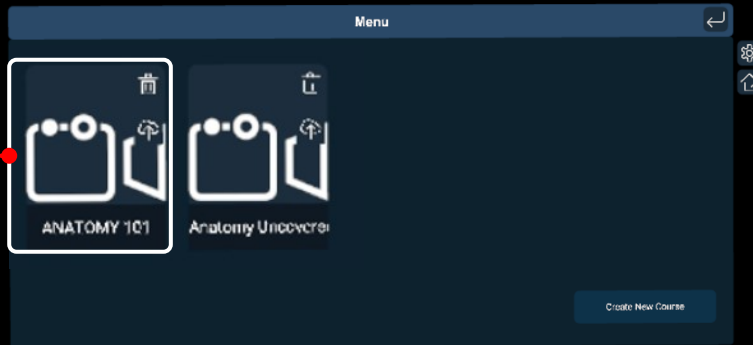
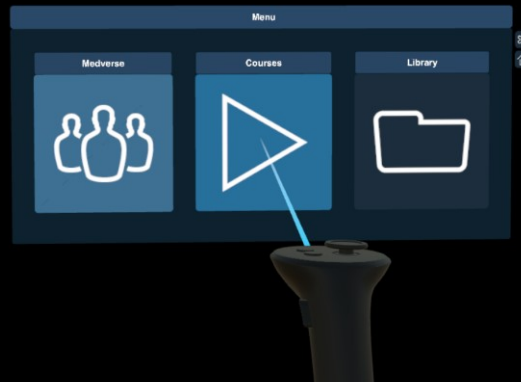
- Room name:** A text input field with the placeholder 'Type Room name'.
- Clients:** A numeric input field with the value '10'.
- Private:** A toggle switch currently set to 'Private'.
- Password:** A text input field with the placeholder 'Enter password'.
- CREATE:** A button with a globe icon and the text 'CREATE'.



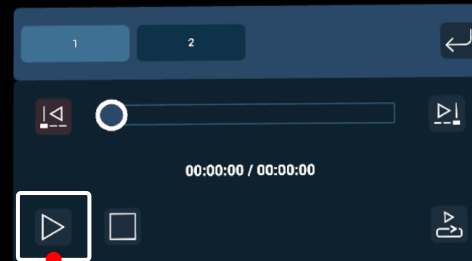
Click on the 'Profile' icon if you want to change your Username and Avatar.

13-2 Inside the Virtual Room, as the Instructor

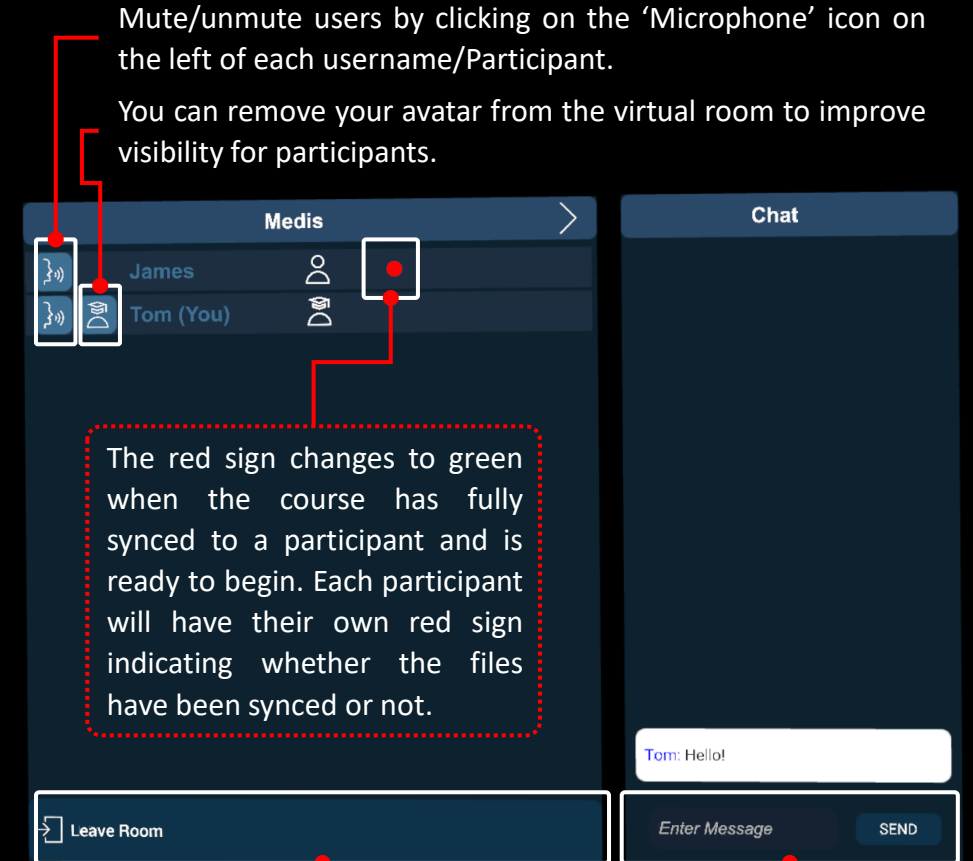
- Inside the virtual room, instructors can manage sessions, present materials, and engage with participants in real time.



Click on Courses, then select the specific Course you plan to present. This will open the course and prepare it for playback.



Click **Play** to start the video and allow all participants to view it together.



Mute/unmute users by clicking on the 'Microphone' icon on the left of each username/Participant.

You can remove your avatar from the virtual room to improve visibility for participants.

The red sign changes to green when the course has fully synced to a participant and is ready to begin. Each participant will have their own red sign indicating whether the files have been synced or not.

To exit the room and return to the Lobby, press the '**Leave Room**' button.

Users can type messages and ask questions in the chat room.

13-3 How to Join a Session as a Participant

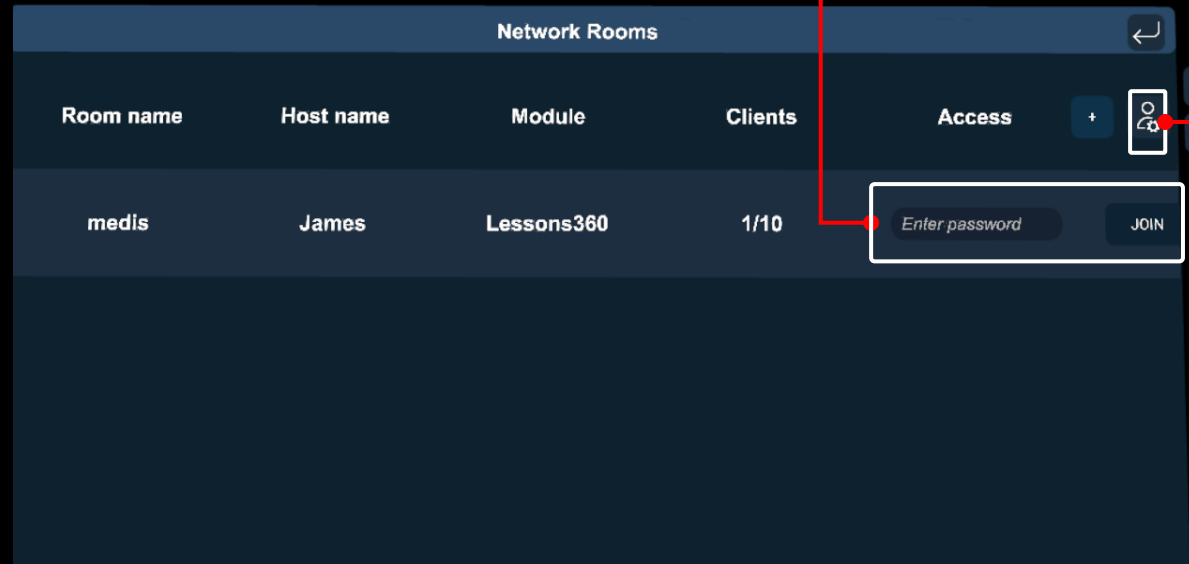
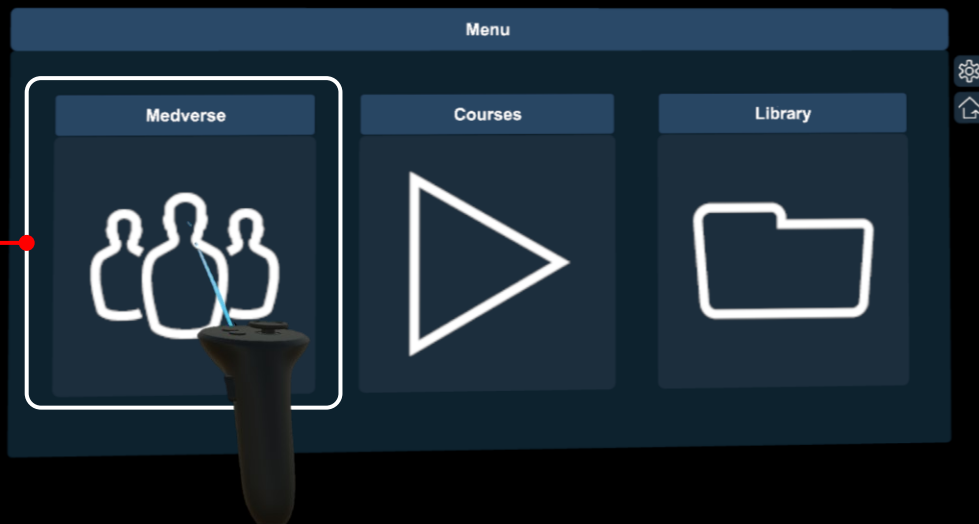
- To join a session and view the course in real time, the user must be logged in with an active 3D Organon license key.

Click on the '**Medverse**' icon.

Select from the list of the available rooms and press 'JOIN'.

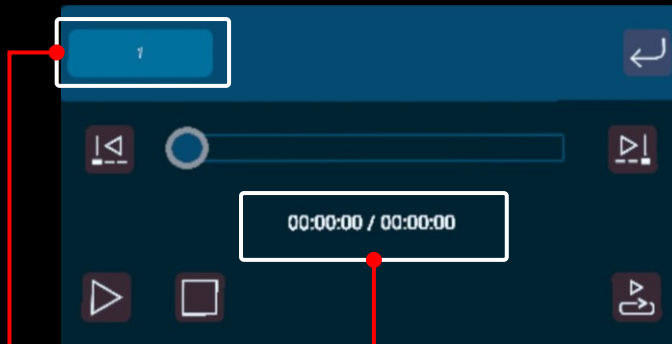
If a password is required to join a particular room, please contact your institution/instructor.

Click on the 'Profile' icon if you want to change your Username and Avatar.

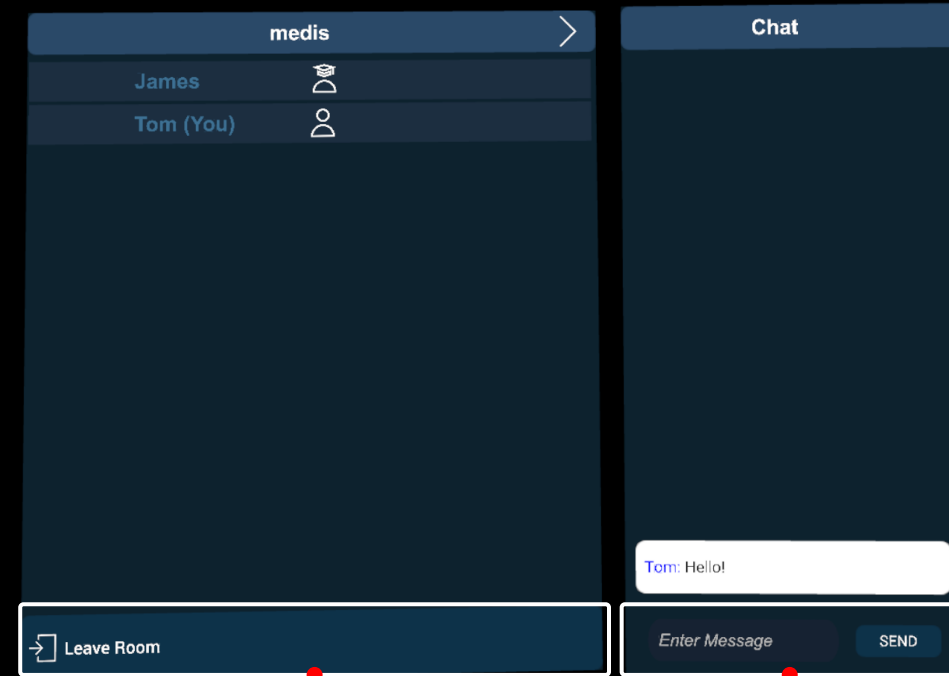


13-4 Inside the Virtual Room, as a Participant

- You can view the material in real time.



Participants can only view the course duration and the available chapters.



To exit the room and return to the Lobby, press the '**Leave Room**' button.

Users can type messages and ask questions in the chat room.



14 Network Services Documentation

By default, the multi-user function in 3D Organon Anatomy uses three essential services. These services include 3D models, voice chat, and text chat synchronization across users and educators in a virtual anatomy training session.

Ensure you allow the following ports and protocols for full access to 3D Organon networking services:

TCP: 843, 943, 4520, 4530-4532, 4540, 9090-9092

UDP: 5055-5058

Please ensure you allow traffic to and from the following domains:

license.3dorganon.com

def.3dorganon.com

download.3dorganon.com

Chinese clients need to white-list the following domain on their local network:

license-cn.3dorganon.com

For Meta headset users, please also check the following:

Ports: 443 (TCP): This is a common port for secure HTTPS connections. **3478 (TCP):** This port is used for communication within the Oculus ecosystem.

50000-59999 (UDP): This range is used for data transfer and may be necessary for Air Link. **Domains** (oculus.com, facebook.com, meta.com, fbcdn.net, akamaihd.net): These domains are part of the Oculus/Meta network and may need to be whitelisted by your firewall or network administrator.

Please ensure these ports are open in your router/firewall AND the firewall in your operating system (e.g., Windows firewall).

In case you are experiencing problems with either of these services, please contact the IT helpdesk in your institution. They will know your network infrastructure requirements and have access to modify firewall settings.



For any questions or feedback, please contact your local distributor
or reach out to us directly at: **support@3dorganon.com**

Check out our **[Knowledge Base](#)** for more information about 3D Organon, at any time!

