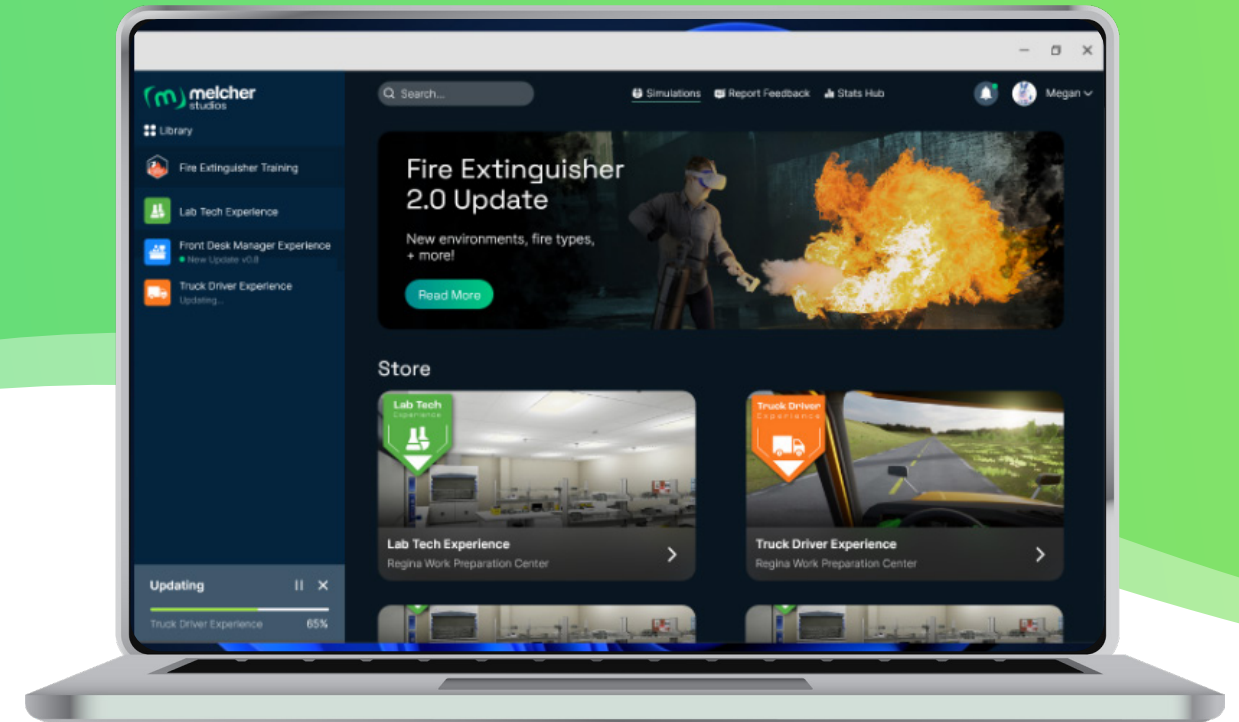


# Unlock the Future of Career Exploration & Training with the **MELCHER VR HUB**

Offering accessible, customizable, and engaging virtual career exploration and training across Canada and the world, revolutionizing how individuals discover and pursue potential career paths and training solutions.



**Expanding Our Impact:** Since 2013, we have developed virtual reality solutions that have significantly enhanced training and career exploration. As we look to the future, our goal is to foster a community across businesses dedicated to supporting job seekers in finding suitable careers and training. To achieve this, we are forming partnerships with community organizations such as the Regina Work Preparation Centre. Together, we aim to establish a network of like-minded organizations focused on the common goal of aiding job seekers in their career pursuits as well training initiatives that have a measurable outcome.

**Community Involvement and Feedback Integration:** Community involvement is crucial to our development process. Through Early Access simulations, we plan to engage users directly to gather valuable feedback. This feedback is then utilized to refine our experiences and address the specific points that organizations wish to tackle. This collaborative approach ensures our solutions remain relevant and highly effective.

**Customizable Experience Creation and Analytics:** We employ a fully customizable approach to experience creation and analytics, enabling us to tailor each project to the client's specific goals and desired outcomes. Whether it's assessing user skills to provide targeted career recommendations or adapting features to enhance user engagement, our flexible platform ensures that every solution is perfectly aligned with the unique needs that have been identified.

**Our Base Subscription Model:** Provides full access to all simulations on the VR Hub. This includes unlimited use of existing simulations, ongoing platform updates, technical support, + access to new simulations as they are developed.

## Featured Experiences

1. Front Desk Manager
2. Room Attendant
3. Lab Technician
4. Line Cook
5. Fall Safety
6. Continuing Care Aid
7. Truck Driver
8. Fire Extinguisher Training
9. HockeyVR
10. HVAC Technician (31/05/25)

## Upcoming Experiences

1. Power Engineering (30/06/25)
2. Welding (Stick/PVC) (31/07/25)
3. Carpentry (30/08/25)
4. Slips, Trips and Falls (30/09/25)
5. Heavy Mechanic
6. Power Line Technician
7. General Cleaner
8. Heavy Equipment Operator

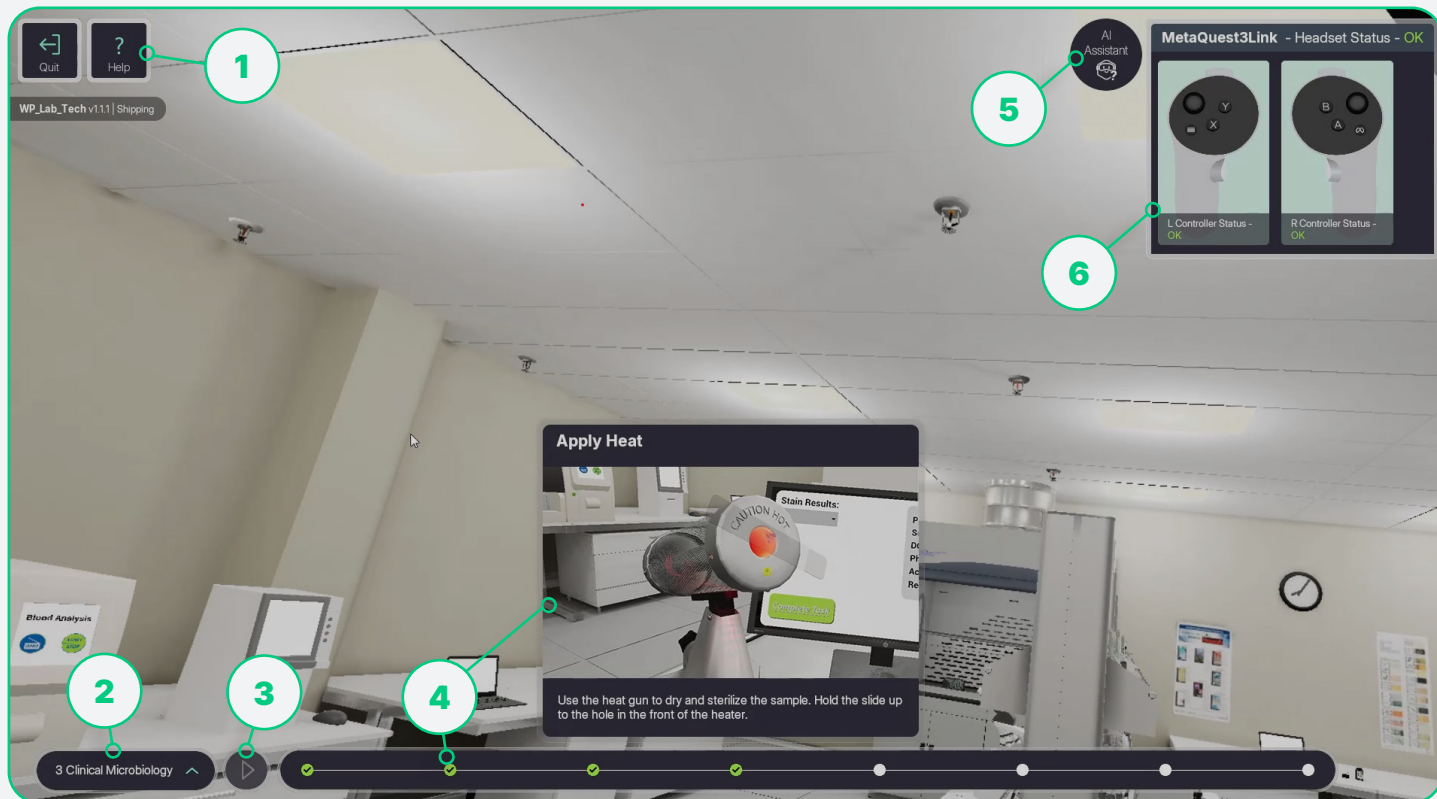
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## Facilitator Tool Add-On

Showcased above, our custom-developed Facilitator Tool simplifies the process of conducting virtual career exploration and training experiences. It equips facilitators with a variety of tools to enhance the overall effectiveness of each session. Here are just a few of the features we can incorporate:

1. Help button that contains actions to help the player if they are stuck.
2. View the current chapter and the ability to jump to other chapters in the experience.
3. Start the experience for the player.
4. View and select the completed and next steps in the current chapter. Click each point for more info on that step.
5. AI tool that can detect if the player is stuck and suggest how to progress.
6. View what buttons are being touched and pressed by the player. Click a button to highlight it to them in VR.

## VR Hub Hardware Package

We offer a turnkey solution when it comes to delivery. Our goal for delivery is to make the process of set up and shut down as simple as possible. We have developed this package with the guarantee of easy and fast set up.

| Item                               | Details                             |
|------------------------------------|-------------------------------------|
| 1x VR Headset                      | Meta Quest 3 128 GB                 |
| 1x Head Strap with 6000mAh Battery | Recharging Elite Strap              |
| 1x Quest 3 Controller Grips        | Straps Grips B34 with Battery Cover |
| 1x Travel Case                     | Lykus HC-5120                       |
| 1x Gaming Laptop                   | Acer Predator 300 SE-14" WUXGA      |
| Setup                              | Testing, Q&A, & Shipping/Delivery   |

*Some items may be adjusted based on availability, but will be equivalent.*

## Artificial Intelligence Add-On

We can leverage Artificial Intelligence within our experiences to create immersive environments that adapt to user needs. These features include, but are not limited to:

- ▶ **User Statistics Tracking:** Integrating artificial intelligence into our VR simulations enables real-time assessment of user actions, enhancing each simulation's ability to evaluate users' skills across various industries.
- ▶ **Adaptive Instructional Support:** By collaborating with subject matter experts, we can train our AI models to provide feedback on user choices and suggest "next steps". This enables facilitators to assess job seekers' skills, evaluate career suitability, and guide them towards optimal career paths.
- ▶ **Realistic NPC Interactions:** To accurately simulate the communication demands of specific roles, we can integrate a custom speech response system within our VR modules. This system allows users to speak directly to characters within the experience, responding to their dialogues naturally.



# VR FIRE SIMULATOR

Our Fire Extinguisher VR Simulator provides a safe, effective, and engaging way to train users on proper fire extinguisher use.

## What the Training Covers

There are many different types of fires and knowing what extinguisher to use is crucial. Using a real extinguisher modified for virtual training (including a real pin) you will put out fires in (5) different scenarios:

- ▷ a stove grease fire,
- ▷ an office electrical fire,
- ▷ a couch fire,
- ▷ oily rags in a garage fire,
- ▷ and a warehouse oil fire.

**You will be scored on:** Choosing the correct extinguisher and propellant, if you successfully put out the fire, and how much propellant was used.







## Package Setup



## Course Details & Objectives

Trainees will use a virtual reality headset and a real prop fire extinguisher to put out virtual fires. The VR Fire Simulator is a highly effective replacement for traditional practical fire extinguishing, which has become increasingly costly and raises environmental concerns. Obtaining permits to burn real fires is difficult and can be unsafe. This simulator is designed to complement your existing fire safety training course by replacing the “practical burn” section. Trainees will apply what they learned in the classroom by selecting the correct extinguisher and propellant and following the proper procedures to effectively extinguish fires.

Content was developed in conjunction with Matt Pointer of the Regina Fire Department. Matt has experience working in oil and gas and has worked as a pipe fitter. He is also a Primary Care paramedic and a certified Red Cross First Aid instructor.

|   |   |   |
|---|---|---|
| Language<br><br>English            | # of Propellant types<br><br>5 | # of Scenarios<br><br>5        |
| Course Length<br><br>15-20 Minutes | Stats Tracking<br><br>Yes      | Peripheral Included<br><br>Yes |



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