

GLORIA®

Safety First

80 YEARS
GLORIA®

NEW!

HTC or META – the choice is yours!



VR FIRE TRAINER™

The new generation of fire training



Our solution for challenging training conditions - Fire training in the Virtual Reality (VR)

With virtual reality (VR) fire training companies can operate **more sustainable and efficient** than ever before. Employees and customers are put in a customised, interactive learning environment where they can be trained interactively, just like in the real world - and even far beyond.

Meanwhile, VR training has found its way into many areas, in order to offer realistic training in a VR simulation **independent of time and location**, especially if training is to be carried out on machines or in scenarios that are not, or at least not continuously, available.

Apart from being absolutely safe, VR fire training has the advantage of being **more cost-efficient and scalable**. Compared to traditional fire training, they offer an enhanced learning experience.

There is **no longer a need to work with real fires** to simulate real situations, when this can be replicated better and more safely in the virtual world. VR fire training is also perfect for training in city centres or urban environments, with **significantly less environmental impact**.

Features such as simulation of **real environments, fire spread, smoke development and material flammability** enable an unprecedented level of reality. In addition, the GLORIA VR Fire Trainer is fully mobile, requiring no external computer, tracker or cables, making it perfect for use in **fire training of all kinds**.

By combining the GLORIA VR Fire Trainer with the theoretical components of a training course, participants are able to experience an almost realistic fire fighting experience.

Learning through experiencing - more flexible than ever

Just open the sturdy case, put on the headset and you start your training session in the virtual world **right away**. No need for computers or cables. It's truly a mobile training solution!

There is no longer a need to use real fires or a fully operating fire extinguisher to emulate real-world scenarios when it's done better virtually. With the GLORIA VR Fire Trainer, anyone in the company can be trained using only a VR headset and a dummy fire extinguisher. As our product solution does not rely on a computer, you can **train anywhere, at any time**.

The participant is guided through realistic exercises that simulate different fire scenarios in different rooms. One moment you are in an open-plan office where a stack of boxes is on fire, and the next you are in the kitchen facing a oil fire.

The user now has to select the appropriate fire extinguisher with the appropriate extinguishing agent and start the extinguishing process. Depending on the quality of the extinguishing process, there may be significant smoke development, visibility is lost and the extinguishing attempt fails, at least in the virtual world.



How do trainers and instructors benefit?

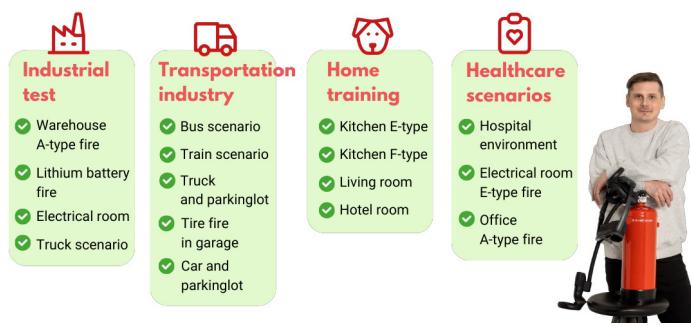
The trainer or instructor, but also the other participants, can follow and experience the extinguishing process via „screensharing“.

In addition, the software provides the trainer and the participant with a success evaluation at the end of each session. Did the participant choose the appropriate extinguishing agent and was the extinguisher used correctly? Was the extinguishing attempt successful? These and other success evaluations are provided by the training and can be analysed in detail.

Let your creativity flow in fire safety training with the 'My Combo' tool

This tool allows you to create your own customised training combinations in the field of fire safety! Design training units that are tailored precisely to your specific requirements.

Whether for emergencies in an industrial environment, in the private sphere or in a very specific setting – this feature allows you to customise every detail of your training.



Imagine a training scenario that focuses exclusively on industrial fires, where your team practises using the right fire extinguishers on fires involving solid materials or lithium batteries. Or train medical staff in a realistic setting where precision and quick action are crucial – and create scenarios that simulate real challenges from everyday medical practice.

Ready to design fire safety training that is as individual as your requirements?

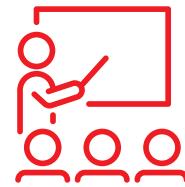
Discover more on our website at VR Fire Trainer.



Efficiency

The GLORIA VR Fire Trainer is **not dependent on the location or on weather conditions**, **easy to use** and automatically trains anyone who uses it **without any special tools**; making it a **cost-effective alternative** to traditional fire training.

As the GLORIA VR solution **does not rely on a computer**, you can train anywhere and **at any time**.



Individual training

Our solution enables a superior **learning process compared** to traditional training methods.

It is widely accepted that learning-by-doing is effective, and the GLORIA VR Fire Trainer offers a **variety of different training scenarios with different fires and extinguishing agents**.

Apart from the standard scenarios, the GLORIA VR Fire Trainer can also be **customised to your specific environment** – more or less anything is possible! This allows the users to be trained in the environment that is relevant to them.



Sustainability

The **GLORIA VR Fire Trainer reduces the environmental impact** of traditional fire training. In some situations, certain extinguishing agents are prohibited due to environmental impact.

The GLORIA VR Fire Trainer offers a **sustainable option for hands-on fire training** in a realistic environment with **different extinguishing agents**, including foam and CO₂.

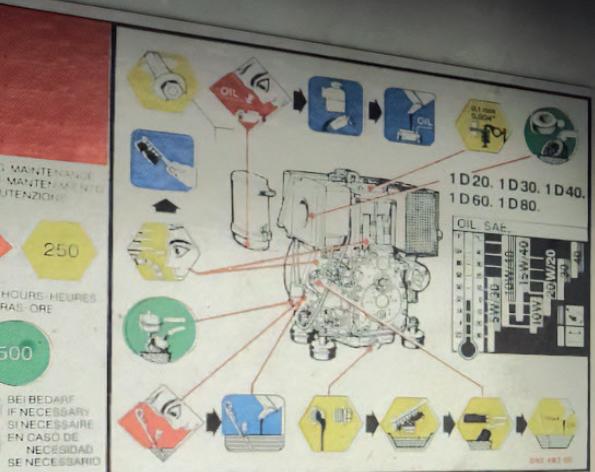


Safety

Training with the GLORIA VR Fire Trainer is absolutely safe.

Training takes place in a **fully controlled and realistic virtual environment** without exposure to dangerous situations with flammable products.

Restrictions in heavily populated areas or in city centres with respect to fire training with real fire can be avoided with the VR Fire Trainer.



Get a first impression of the new GLORIA product solution in our introductory product video and learn more about the special features and advantages of the GLORIA VR Fire Trainer







*Image shows HTC model

The GLORIA VR Fire Trainer Set contains everything you need to conduct fire training.

Just open the sturdy case, put on the headset and you start your training session right away. No need for computers or cables. It's truly a mobile training solution.

Hardware

- Handle and nozzle controller
- Bluetooth® module, which transmits the operation of the extinguisher to the software
- Standard fire extinguisher (6 kg), complete with safety pin and hose
- Charging cable for the Bluetooth® module
- Brackets for handle and nozzle controller
- HTC Vive Focus 3 headset with charger
- Manual and instructions. Printed as well as link to online instructions and instruction videos.



Create your own personal VR training experience – tailored to your requirements!

With the VR Fire Trainer, you are breaking new ground in fire safety training. You can now configure your training package flexibly and according to your needs. In addition to the tried-and-tested dummy fire extinguisher, you now have a choice of different headset options – or you can do without them altogether if you already have a compatible device in use.

HTC or Meta Quest – the choice is yours!

- VR Fire Trainer with HTC headset
- VR Fire Trainer with Meta Quest headset
- VR Fire Trainer without headset – for use with an existing HTC or Meta Quest headset

Your advantages:

- Maximum flexibility in terms of equipment
- Cost-efficient thanks to use of existing devices
- Customised solution for your training environment

What do the two headsets offer?



HTC Vive Focus 3

- 5K resolution (2448 x 2448 pixels per eye)
- 120° wide field of view
- Balanced weight distribution
- Ergonomically designed and shaped
- 3D audio
- 4x tracking cameras
- Proximity sensor
- Thermally optimised battery
- Removable and replaceable battery
- Up to 15 hours of battery life* for the controller
- 2 hours battery life*
- Hand tracking possible
- Magnetic face and head cushions
- Adjustable eye distance
- 128 GB storage capacity (expandable up to 2 TB)

Meta Quest 3

- 4K resolution (2,064 x 2,208 pixels per eye)
- 110° wide field of view
- 3D audio
- Volume control
- 5 motion sensors
- Hand tracking possible
- 2.2 hours battery life*
- Adjustable eye relief
- Touch Plus controller incl. batteries
- Elite headband with battery available separately
- Beginner-friendly
- Passthrough mode shows a colour image of the surroundings
- 512 GB storage capacity

Put together your package now and get started – your training solution is waiting for you!

*Battery life depends on various factors, such as device settings, usage, battery age, Bluetooth usage and Wi-Fi conditions.

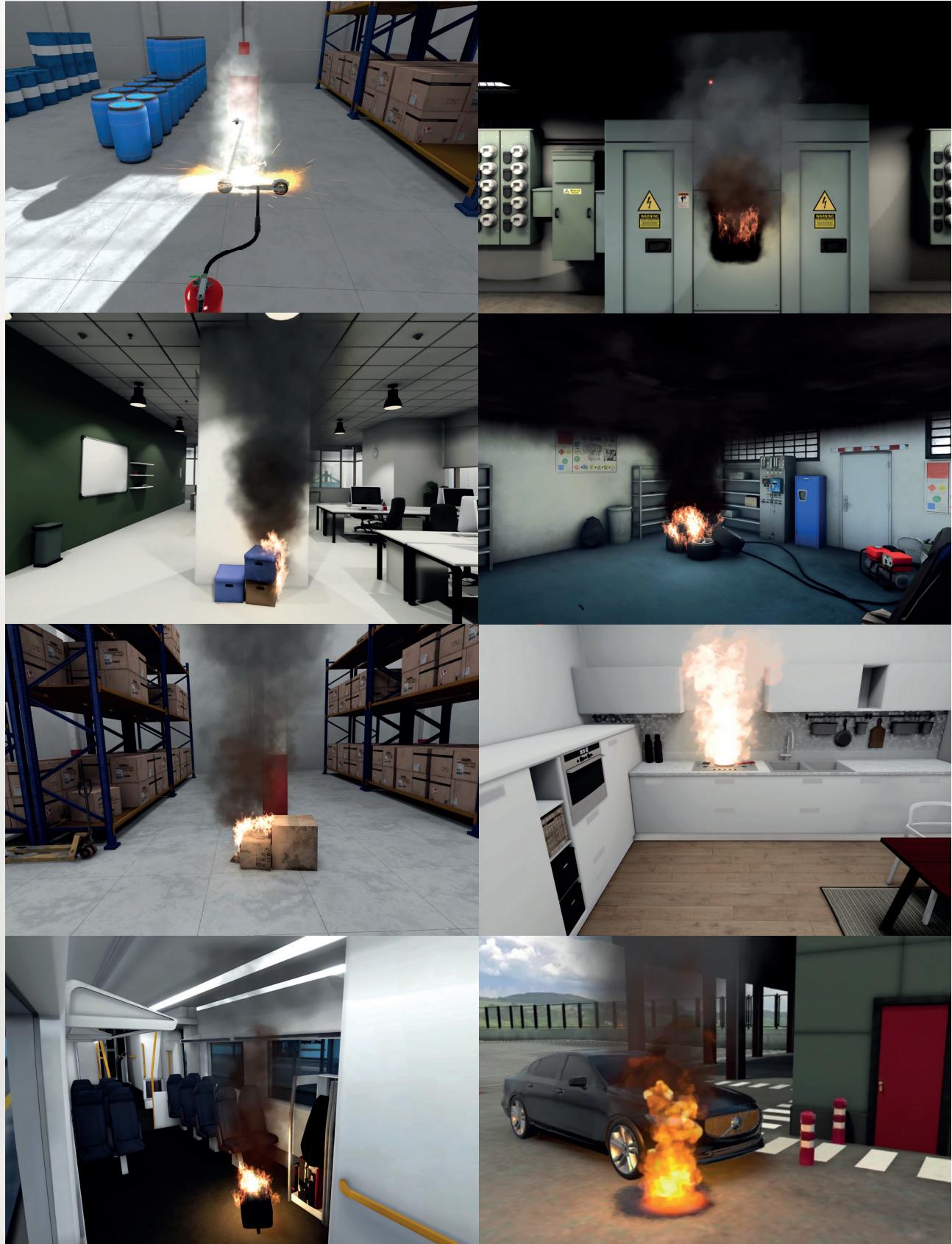
Software

- Includes five types of extinguishing agents: CO₂, foam, powder, water and grease fire extinguishing agent.
- A range of scenarios, such as: warehouse, kitchen, office, hospital, hotel, lithium battery fire, garage, and many more
- Different fires of fire classes A, B, F, lithium battery fire and electrical fire
- Includes smoke simulation for a realistic training experience
- Fully integrated with associated hardware to make the training experience as real as possible
- Training programmes
- Customised tool 'My Combo' allows training units to be created that are precisely tailored to specific customer requirements.
- Feedback and assessment for each training scenario
- Multiple languages: currently English, Swedish, German, Chinese, Polish, Dutch, French, Norwegian and Finnish





Various training scenarios in different rooms provide a realistic training in a realistic environment.



GIT SICHERHEIT AWARD 2024 WINNER

GIT Sicherheit Award

This award is presented annually to companies that demonstrate outstanding achievements in the field of security technology.



Feuertrutz Award

'Product of the Year 2023'

GLORIA GmbH was honoured with the FeuerTrutz Award for the best product in the category 'Organisational Fire Protection' in 2023 for its VR Fire Trainer.



DIGITAL PILOT 23

This prestigious award was presented for the first time in 2023 and honours companies that play a pioneering role in the region through their advanced use of digital technologies, innovative business models and groundbreaking processes.



Interested in our product and to get a more detailed idea of how the GLORIA VR Fire Trainer works?

Do not hesitate to make an appointment with us still today. Call us on **+49 (0) 2523 79349 - 850** or send us an email to vrfiretrainer@gloria.de.

We are more than happy to demonstrate our new product during a personal visit and to give you the opportunity to discover the virtual world of fire training with your own eyes.

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For more than eight decades, we have been the right contact for questions about preventive fire protection products. During this time, we have been able to gain a lot of experience, optimise our products and adapt them to current requirements.

Our focus are fire extinguishers, of which we offer a wide range of portable and mobile models.

Another main focus is on our smoke and CO detectors from our own production. These are highly reliable and come with manufacturer's warranties of up to 10 years. With our sophisticated range of accessories and spare parts, we create the safety you need.

The portfolio is rounded off by both internal and external training courses and seminars. Especially with our VR Fire Trainer, we are breaking new ground and setting the course for a new type of fire extinguishing training in the virtual world.



Portable Fire Extinguishers



Mobile Extinguishers



Smoke detectors



CO detectors



Training, Seminars,
Information



Accessories, Spare Parts,
Extinguishing water systems „dry“



VR Fire Trainer

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