

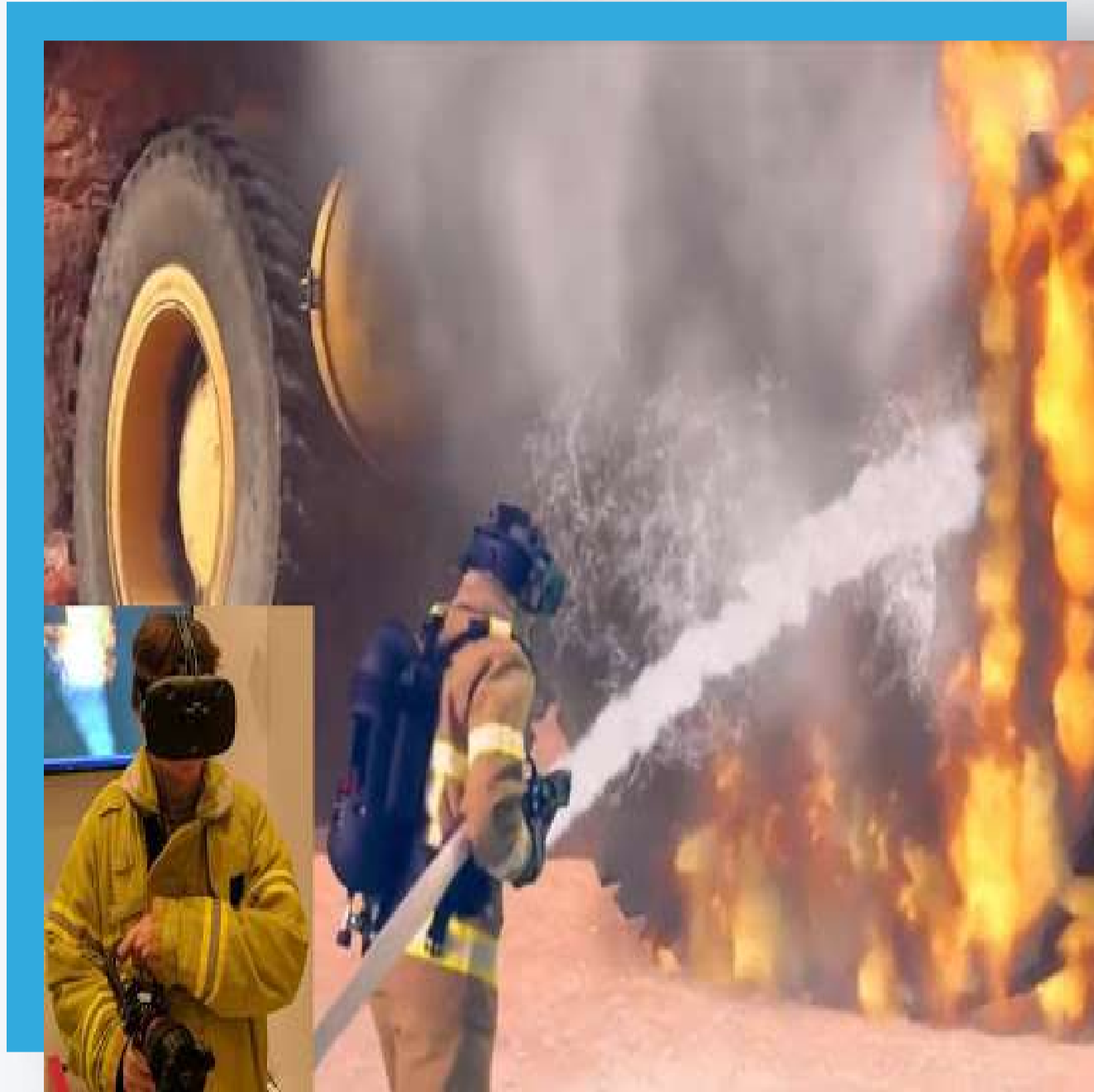
# Fire & Occupational Safety

Health and safety are paramount in fire fighting. But live training exercises are dangerous and put lives at risk. According to the US Fire Administration (USFA), VR is the answer.

Fire Safety VR Training can be classified into mainly two areas:

- VR Training for Professional Firefighters
- VR Fire Safety Training for Employees





## VR Training for Professional Firefighters

USFA recently highlighted VR training as a practical, safe alternative to dangerous live fire scenarios that cost the lives of 110 firefighters between 2008 and 2019.

VR is raising the bar in firefighter training while helping save lives and conserve valuable resources. Its chief advantage is enabling training for incidents that cannot easily be replicated or may be very costly to recreate, not to mention eliminating the hazards involved in live training

Other benefits include less wear and tear on personal protective and response equipment, which can also be left where it's needed when responding to incidents.

VR also allows for the development of training scenarios using actual locations. They can be reused, provide training by repetition, and offer the opportunity for walkthroughs and 'what if' scenario development.

## VR Fire Safety Training for Employees

VR provides an exciting and immersive experience that opens up new possibilities in Fire & Occupational Safety.

VR helps to conduct employee training in the field of fire protection. The training includes a realistic fire hazard simulation in which you can verify if the trainee's response is correct.

VR simulation is very useful for this kind of training in many different ways. It gives us the opportunity to train in a safe environment. There are no real flames or smoke that could harm the trainee or instructors.

VR also gives us the opportunity to train in a simulation that is as close to the real life experience as possible. With the use of VR, we can develop scenarios with both flames and smoke in our own recognizable environments. It also gives us the possibility to focus training specifically on what we need.





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