DARLEY INTRODUCES FLAIM TRAINER™
VIRTUAL REALITY (VR) AND AUGMENTED REALITY (AR)

NEXT GENERATION TRAINING SOLUTION FOR FIRST RESPONDERS

EMPOWERING FIREFIGHTERS TO TRAIN SAFER, TRAIN ANYWHERE AND TRAIN LESS EXPENSIVELY, WHILE NOT HARMING THE ENVIRONMENT.

Realistic training scenarios arm firefighters with the skills and confidence they need to respond effectively and efficiently during real-life incidents. Live field exercises provide hands-on training, but they are often costly, time consuming and can be hazardous. Training simulation provides an ideal alternative, offering organizations the ability to get more from their current training programs – and extend training into scenarios that can't be performed using real world systems and environments, while monitoring performance.

INTRODUCING FLAIM TRAINER™

FLAIM Trainer™ is a firefighter training simulator which provides an immersive virtual reality environment combined with a patented haptics feedback system, breathing apparatus and heated personal protective clothing, to provide a unique training experience not yet replicated.

FLAIM Trainer™ can be easily integrated into a broader training program for firefighters, complementing and extending the current training systems. The base solution is configurable to support customer specific scenarios, and performance monitoring.

TECHNOLOGY AVAILABLE VIA DARLEY

The FLAIM Trainer™ is available to federal agencies and training organizations through Darley. Our team can work with you to conduct site demonstrations and workshops. Please contact *KevinDarley@darley.com* for additional information.

IMMERSIVE VR COMBINED WITH A PATENTED HAPTIC FEEDBACK SYSTEM AND REAL EQUIPMENT PROVIDES A UNIQUE EMERGENCY SERVICES TRAINING EXPERIENCE.

Force feedback supplied through hose to simulate water force.

HTC VIVE virtual reality immersive headset.

Feel the heat of the fire and the force of the nozzle reaction with the FLAIM Trainer™ virtual reality firefighting simulator.

FLAIM TRAINER™ BENEFITS

TRAINING SIMULATION OFFERS ORGANIZATIONS THE ABILITY TO GET MORE FROM YOUR CURRENT TRAINING PROGRAMS AND SCENARIOS - AND EXTEND TRAINING INTO SCENARIOS THAT CAN'T BE TRAINED USING REAL WORLD SYSTEMS AND ENVIRONMENTS.

HEAD MOUNTED DISPLAY

BREATHING APPARATUS KIT INCORPORATES A HEAD MOUNTED VR DISPLAY

NOZZLE

HOSE-LINE SYSTEM AND ENCAPSULATING HOSE AND NOZZLE. VARYING NOZZLES CAN BE CUSTOMIZED WITH OUR PATENTED HAPTIC FEEDBACK

PROTECTIVE CLOTHING

PERSONAL PROTECTIVE CLOTHING WITH HEAT GENERATION COMPONENTS

TRAINING FOR DIFFICULT OR INFREQUENT CHALLENGES

FLAIM Trainer™ provides firefighters the capacity to train situations and scenarios that are:

- Inherently unsafe and difficult to reproduce.
- No longer possible due to environmental, community and regulatory constraints.
- Incur significant training cost in time, people and assets.

INDUSTRY STANDARD

FLAIM Trainer™ uses industry standard equipment to train with real world systems in the virtual environment.

RESEARCH DEVELOPMENT

FLAIM Trainer™ was designed and developed by volunteer firefighter Assoc Professor James Mullins within the Institute for Intelligent Systems Research and Innovation (IISRI) at Deakin University.

Darley®

FLAIM SYSTEMS

Contact Kevin Darley for details.
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Note: The FLAIM system is intended to enhance and supplement, not replace, hot fire training, which will still be a component of effective fire service training.