

TACFIRES XR

MOBILE JOINT FIRES SIMULATOR

The Hyperion TacFires XR simulator offers a ruggedised, mobile Joint Fires Extended Reality (XR) platform, enabling effective training for Fires personnel anywhere, anytime, through cutting-edge virtual and mixed reality solutions.

"Rugged, Portable, and Cutting Edge Extended Reality Solutions"



RUGGED RACK-MOUNTED DESIGN:

- Integrated keyboard, mouse, and three fold-out monitors.
- Built for mobility and durability in demanding environments.
- Fully deployable using mains or portable power.

MIXED REALITY INTEGRATION:

- Powered by the Varjo XR-4 headset for immersive training.
- Seamless transition between mixed and virtual realities.
- Comes with the following:
 - Pop up Chroma Key Screen
 - Light Boxes for VR Masking

SIMULATED MILITARY EQUIPMENT:

- Supports laser range finders, laser target designators, and IR pointers.
- Capable of integrating a range of emulated or form, fit function equipment.
 - Targeting Locating Equipment (i.e. LTD, LRF, IR Pointer)
 - Communications Equipment
 - Night Vision Devices
 - Video Downlink Equipment
 - Situational Awareness Tools (i.e. ATAK)

ADVANCED SOFTWARE:

- BSI's MACE for building and executing scenarios across multiple domains.
- Image Generation software for visualising scenarios in extended reality, for example:
 - BSI's ARMOR
 - MVRSimulations VRSG

ACCREDITATION READY:

- Fully accreditable by the Joint Fires Support Executive Steering Committee.

APPLICATIONS

- Close Air Support (CAS) operations
- Indirect fires target acquisition and engagement
- Mission planning and tactical rehearsals

BENEFITS

Portability: Compact and deployable for on-site training.

Enhanced Realism: Combines physical and virtual tools for comprehensive learning.

Cost-Effective: Reduces logistical challenges and wear on operational equipment.

Scalable and Flexible: Adaptable to various training needs and environments.

+971 (0)50 731 2476

info@hyperion-defence.com

71-75 Shelton St, Covent Garden
London, WC2H 9JQ, U.K.



www.hyperion-defence.com