

OPERATOR XR

A COMPLETE VR SOLUTION FOR MILITARY MISSION REHEARSAL

Operator XR specializes in providing integrated, secure, and highly immersive virtual reality training systems that enhance human performance in high-risk situations.

➤ PORTABLE

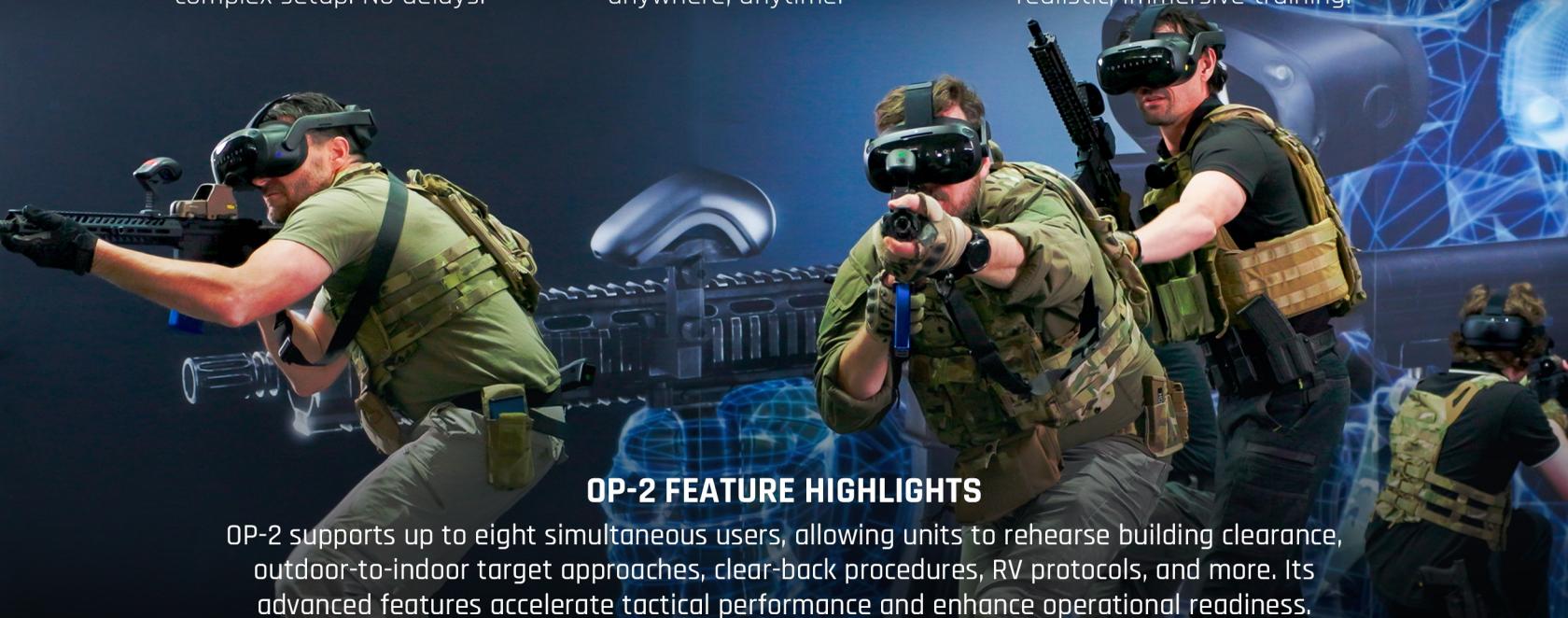
Portability. Redefined. The OP-2 system packs into a single hardened case, designed for rapid deployment anywhere, anytime. Our streamlined calibration process gets you operational in minutes: simply calibrate, select a scenario, and rehearse. No fixed facilities. No complex setup. No delays.

➤ SECURE

Operator XR systems work offline and without internet, ensuring agencies' privacy and security are maintained. The system is designed for easy setup, without the need for backpack computers, base stations, internet connection, or IT assistance. Train anywhere, anytime.

➤ IMMERSIVE

Operator XR systems are built from the ground up to meet the exacting requirements of specialist units and tactical teams. Users convert live weapons into dry-fire mode with recoil, enabling them to rehearse as they would in real-world scenarios for realistic, immersive training.



OP-2 FEATURE HIGHLIGHTS

OP-2 supports up to eight simultaneous users, allowing units to rehearse building clearance, outdoor-to-indoor target approaches, clear-back procedures, RV protocols, and more. Its advanced features accelerate tactical performance and enhance operational readiness.

SCENARIO CREATOR

A powerhouse for building fully-customized and interactive scenarios.

- Sketch building layouts and recreate real-world floor plans.
- Design unlimited scenarios.
- Access an extensive library of pre-built scenes, as well as over 100 interactive props.

MISSION REHEARSAL

Using all-source intelligence, ISR feeds, detailed photogrammetry, and architectural blueprints, users have the ability to construct synthetic environment digital twins of real-world targets. These digital replicas enable specific mission training and rehearsals.

AFTER-ACTION REVIEW

Analyze the mission from multiple angles including top-down, first-person, neutral, and threat force views, as well as weapon axis, clearance angles, and more. The system includes audio capture and a scrub timeline to study the how, what and why during the mission.

OPERATORXR

KEY SYSTEM CAPABILITIES

- Highly portable system weighing under 50lbs in a single 48" case
- Supports up to 8 simultaneous users
- Integrates with users' own equipment including: rifle, pistol, CEW, and OC spray
- Supports both operational and inert recoil-generating weapons
- User-friendly instructor tablet
- Highly accurate VR tracking without backpack computers or base station
- Offline operation—Wi-Fi and internet not required
- Train and rehearse team room clearance and CQB
- Simulated day, night and NVG environments
- Force-on-Force capability
- High-risk task planning
- Comprehensive After-Action Review
- Instructor debrief capture tools
- Detailed user analytics



Scan for OP-2 video



Scan to contact us
or book a demo

OP-2 SPECIFICATIONS

Size & Weight	Dimensions: 48" x 20" x 9" (122 x 51 x 23cm). Weight: 50 lbs (23kg).
Users	1-8+ users with no backpack PCs, tethering or exterior tracking technology.
Headsets	Enterprise grade, 4K resolution. Two-hour run time, hot-swappable spare battery included. Eye Tracking optional.
Instructor Console	11" tablet with protective case.
Rifle	AR platform support options: use of operational weapons with gas recoil drop-in bolt and magazine; Unit Solutions Unit4 Training Rifle; Rail mounted VR tracking sensor.
Pistol	Gas recoil Glock, M&P, SIG, 1911, 2011.
Less Lethal	Supports in-service CEW and MK3 OC spray.



FIND OUT MORE

OPERATORXR.COM