FATS® AR

AUGMENTED REALITY SYSTEM

InVeris
Training Solutions™

INTRODUCING FATS AR AUGMENTED REALITY SYSTEM

THE FIRST AUGMENTED REALITY SYSTEM DESIGNED FOR MISSION-CRITICAL COLLECTIVE TRAINING.

Now your teams can train together in an environment blending virtual and real worlds ... regardless of distance.

Augmented reality (AR) uniquely blends virtual inputs with physical settings. However, until now, it has yet to address the priority for military and law enforcement: training for collective engagements.

For the first time, backed by decades of proven simulation and live-fire experience, InVeris has developed an AR training tool optimized for collective sessions. Fats AR capitalizes on the best of virtual and physical worlds.

It establishes a training environment that's fully lifelike, collaborative, seamless and economical, so your trainees can coordinate and communicate with each other while having full freedom of movement. And they can use our BlueFire® weapon simulators that exactly replicate their duty weapons.

OVERMATCH THE THREAT WITH AN ACCELERATED PATH TO READINESS AND REHEARSAL

FATS AR MATCHES THOSE REQUIREMENTS END-TO-END

InVeris has designed fats AR to integrate every essential element for realistic collective training.

➤ **ACCOMMODATIONS FOR MULTIPLE TRAINEES**

➤ **OBSTACLE PERCEIVING HIGH DEFINITION HEADSET**

➤ **VIRTUAL ASSETS AND CGI CHARACTERS**

➤ **REAL-TIME MONITORING AND AFTER-ACTION REVIEW (AAR)**

Most important, you can customize every aspect of the system for your needs.

This booklet gives you a hint of fats AR's capabilities, but it cannot substitute for the experience. We encourage you to contact us and step into the domain of augmented reality for collective readiness. And please tell us how we can modify the system to serve your teams better.

FATS AR FUNDAMENTALLY CHANGES THE TRAINING EXPERIENCE, FROM EXPERIENCING THE SCENARIO **TO REVIEWING IT.**

STEP INTO THE FAST-APPROACHING FUTURE: THE PREMIER VIRTUAL SHOOT HOUSE

PREPARE FOR EMERGING URBAN CONFLICT WITH TOTAL REALISM

We live in a time of rapid urbanization. Over the next decade-plus, some 60 percent of the world's populations will live in cities. That means the operational military environment for the U.S. and its allies will increasingly be urban areas, where civilian population density, non-line-of-sight disruptions, structures and traffic will make clear, decisive action a challenge. Both military and law enforcement teams must enter potentially hostile structures and use their best judgment to nullify threats, protect the innocent or render assistance.

▸ **HOWEVER, BEFORE FATS**

FATS AR LETS YOU TRAIN FOR
URBAN CONFLICT
VIRTUALLY, CREDIBLY AND COST-EFFECTIVELY

BUILD YOUR TEAM ON SHARED EXPERIENCE WITH THE ONLY AAR DESIGNED FOR COLLECTIVE TRAINING

COLLECTED DATA CAN HELP TRAINEES CONTINUOUSLY IMPROVE THEIR SKILLS

Make sure your trainees perform in the heat of action. Trust fats AR to instill lessons they can't forget.

AFTER-ACTION REVIEW

REVIEW A SESSION

The result is comprehensive, memorable training, from kinesthetics, cognition and tactics to stress tolerance and emotional control.

RELY ON FATS AR
TO REMEMBER WHAT TO DO
WHEN EVERY SECOND COUNTS

SAVE MONEY AND TIME WITH DIGITAL DUPLICATION AND REMOTE TRAINING

FATS AR IMMEDIATELY PRE-SCANS ENVIRONMENTS, CREATING "DIGITIZED TWINS" FOR TRAINING ANYWHERE AROUND THE WORLD

THE FATS AR TEAM KIT: EASILY TRANSPORTABLE WHEREVER NEEDED

WHETHER YOU DEPLOY THE FATS AR SYSTEM ACROSS TOWN OR AROUND THE WORLD, ALL YOU NEED ARE TWO TRAVEL CASES

The U.S. military is preparing for rapid deployment of expeditionary maneuvers in unfamiliar, frequently urban theaters. Similarly, police departments must consider issues of civil unrest, domestic terrorism and crowd control, protecting America's cities and its citizens. Mobility is the common denominator. That is why InVeris designed Fats AR to be ultralight with a team kit that goes wherever needed.

Fats AR initially comes with a four-person fire team kit to support up to eight hours of training time. The kit consists of the following:

- ⮕ INSTRUCTOR OPERATOR STATION (IOS)
- ⮕ TWO HMDs (HEAD-MOUNTED DISPLAYS)
- ⮕ TWO SPARE KITS
- ⮕ OPTIONAL WEAPONS
- ⮕ ONE-YEAR WARRANTY INCLUDED

FINALLY, WITH FATS AR YOU HAVE
COMPLETELY MOBILE TRAINING
THAT PUTS REHEARSAL CLOSE TO THE ACTION

WE BACK YOUR FATS AR COLLECTIVE TRAINING WITH 24/7 GLOBAL CUSTOMER SUPPORT

BECAUSE MISSION-CRITICAL DEMANDS <u>NO</u> DOWNTIME

InVeris Training Solutions leverages unmatched expertise in training technology to design and deliver cutting-edge, first-rate training solutions that keep law enforcement, private and commercial range clients safe, as well as military clients prepared to serve. With a portfolio of technology-enabled training solutions, and a team of 400 employees driven to innovate, InVeris Training Solutions is the global leader in integrated live-fire and virtual weapons training solutions. With its legacy companies, FATS® and Caswell, InVeris Training Solutions has fielded over 15,500 live-fire ranges and 7,500 virtual systems globally during its 95-year history. The company is headquartered in Suwanee, Georgia, and partners with clients in the U.S. and around the world from facilities on five continents.

The Fats AR system is the latest offering in this long history of transformative innovations.

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