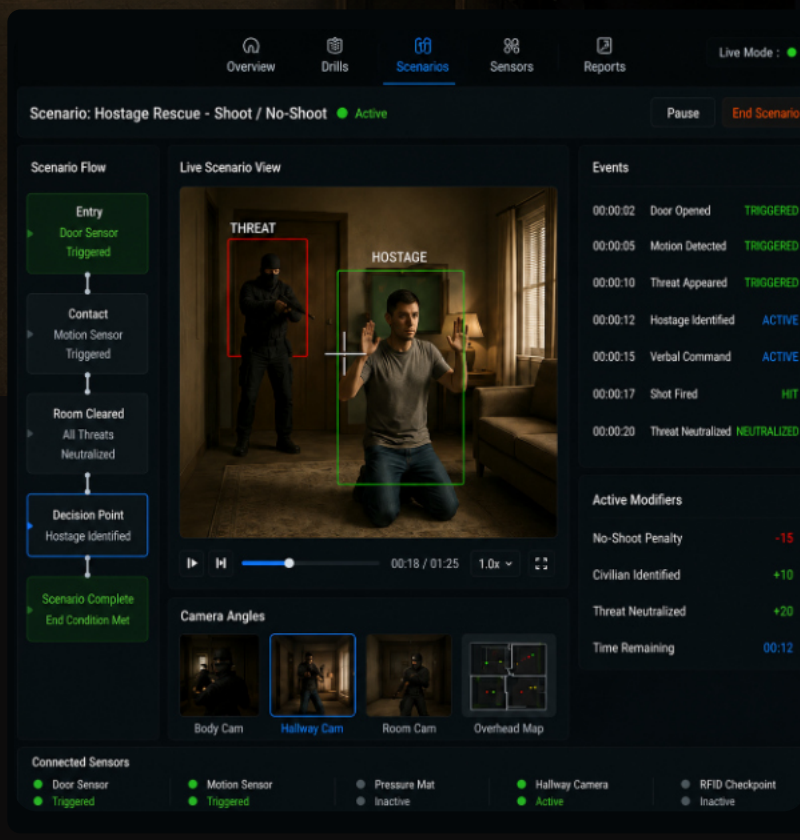
AccuShoot SFX — Sensor Fire Experience

Transform Every Range Into an Adaptive Training Environment

The Sensor Foundation Behind Every Training Environment



AccuShoot SFX (Sensor-Fire Experience) is the sensor and event-processing layer that transforms traditional firearms training into fully interactive, sensor-driven experiences.

By connecting environmental sensors, targets, timers, lights, doors, moving mechanisms, pressure pads, line-crossing detectors, and virtually any external device, SFX enables training scenarios that respond instantly to every action taken by the shooter.

Instead of following a fixed sequence of events, SFX creates exercises that evolve in real time. Every shot fired, every movement made, every door opened, every sensor activated, and every decision influences what happens next.

The result is a level of realism, immersion, and adaptability that was previously only achievable through expensive custom-built facilities.

How SFX Works

At the heart of SFX is a powerful real-time event engine.

Every sensor connected to the AccuShoot platform continuously generates events that can be used to control virtually any element of a training scenario.

These events include:

- ✔ Door opened or closed
- ✔ Shooter entering or leaving an area
- ✔ Pressure pad activation
- ✔ Line crossing
- ✔ Motion detection
- ✔ Target exposure
- ✔ Timer expiration
- ✔ Light activation
- ✔ Audible alarms
- ✔ Instructor commands
- ✔ Hit or miss events
- ✔ Custom electronic devices
- ✔ Third-party equipment

Every event can immediately trigger one or more responses.

For example:

- ✔ Opening a door may reveal new targets.
- ✔ Missing a hostage target may activate an alarm.
- ✔ Stepping onto a pressure pad may start a countdown timer.
- ✔ Successfully engaging all threats may unlock the next room.
- ✔ Failing to neutralize a target within a time limit may change the mission entirely.

Training no longer follows a script.
Training adapts.



From Static Drills to Living Scenarios

Traditional ranges present the same drill every time.

SFX creates environments where no two repetitions need to be identical.

Scenarios can continuously adapt based on:

- ✔ Shooter accuracy
- ✔ Shot placement
- ✔ Time to engage
- ✔ Movement
- ✔ Target prioritization
- ✔ Sensor activation
- ✔ Environmental conditions
- ✔ Instructor intervention

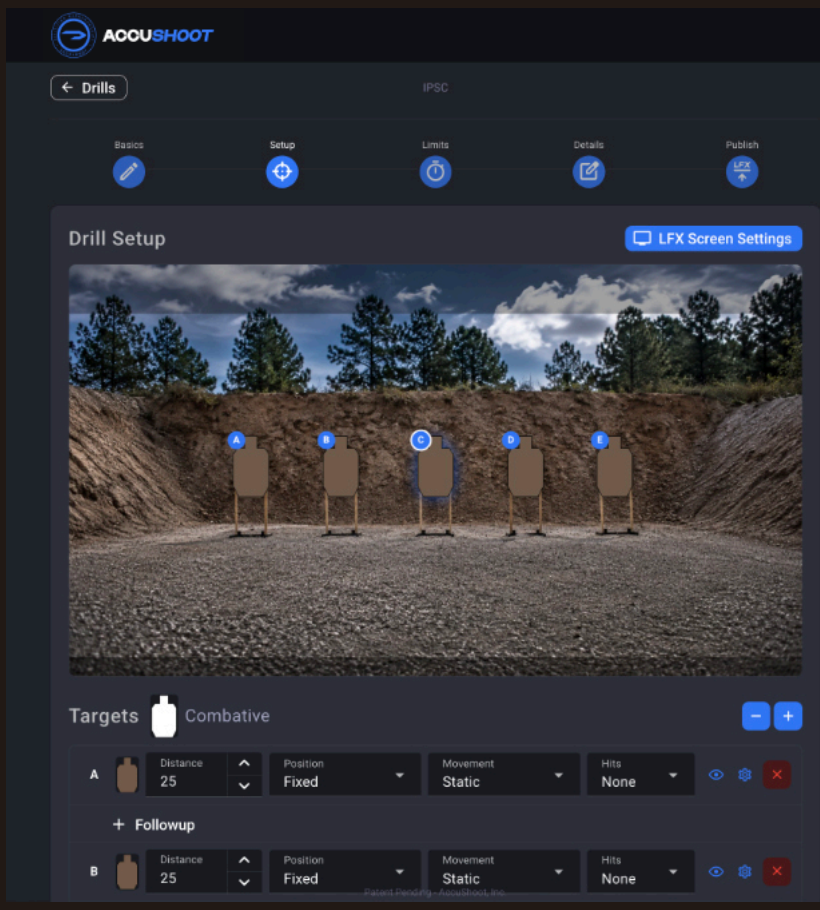
This creates realistic decision-making exercises where shooters must constantly observe, adapt, and react instead of memorizing predetermined sequences.

Built for Every Training Environment

Whether training occurs inside a classroom, an indoor range, a tactical shoot house, or a large outdoor complex, SFX provides the sensor infrastructure that connects every component into one unified training environment.

Ideal applications include:

- Tactical shoot houses
- Law enforcement training centers
- Military facilities
- Special operations compounds
- Competitive shooting stages
- Academy qualification courses
- Force-on-force environments
- Custom training facilities



Improving Readiness Through Dynamic Training

Real-world situations are unpredictable. Training should be too.

SFX continuously challenges shooters by introducing changing conditions that require observation, rapid decision-making, communication, and immediate adaptation.

Rather than repeating identical drills, instructors can introduce branching scenarios, unexpected events, environmental distractions, and conditional outcomes that more closely reflect operational reality.

Because every event is captured and synchronized with shot data, instructors gain complete visibility into not only what the shooter hit—but why the outcome occurred.

This creates shorter feedback loops, accelerates learning, and develops skills that transfer directly to real-world performance.

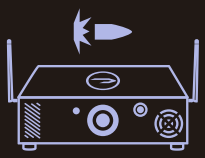
True readiness comes from repetition under changing conditions—not from repeating the same scenario over and over.



The Adaptive Sensor Layer of the FX Ecosystem

SFX is not a standalone product. It is the adaptive sensor layer that connects and enhances every AccuShoot FX experience.

LFX — Live-Fire Experience



SFX transforms live-fire exercises into adaptive training environments.

Targets, doors, lighting, moving mechanisms, and environmental systems react instantly to every shot, turning static ranges into responsive, scenario-driven training facilities.

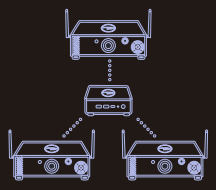
DFX — Dry-Fire Experience



The exact same sensor-driven drills can be executed using laser-based dry-fire training.

Organizations can continue practicing identical procedures, movement patterns, and decision-making exercises even when access to live-fire ranges is limited.

MFX — Multi-Fire Experience

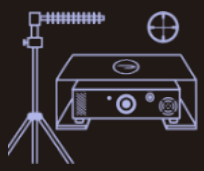


SFX expands naturally across multiple LFX systems.

Sensors located in different rooms, buildings, or shooting positions coordinate complex multi-stage exercises involving multiple shooters operating simultaneously.

Entire facilities become synchronized, adaptive training environments.

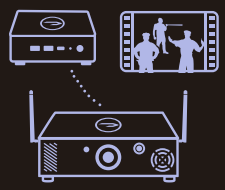
YFX — Yonder-Fire Experience



Long-range training becomes equally dynamic.

Environmental sensors, timers, target mechanisms, and remote events can trigger changes hundreds of meters away while maintaining real-time synchronization with long-range scoring and performance data.

CFX — Custom-Fire Experience



CFX unlocks the full potential of SFX.

Using the CFX Scenario Editor, instructors can design sophisticated sensor-driven exercises where every event, decision, and shooter action influences what happens next.

Scenarios can include branching logic, conditional events, randomized outcomes, environmental interactions, moving targets, multiple endings, and instructor-controlled events.

Rather than creating static drills, instructors build living scenarios that evolve continuously based on shooter behavior.

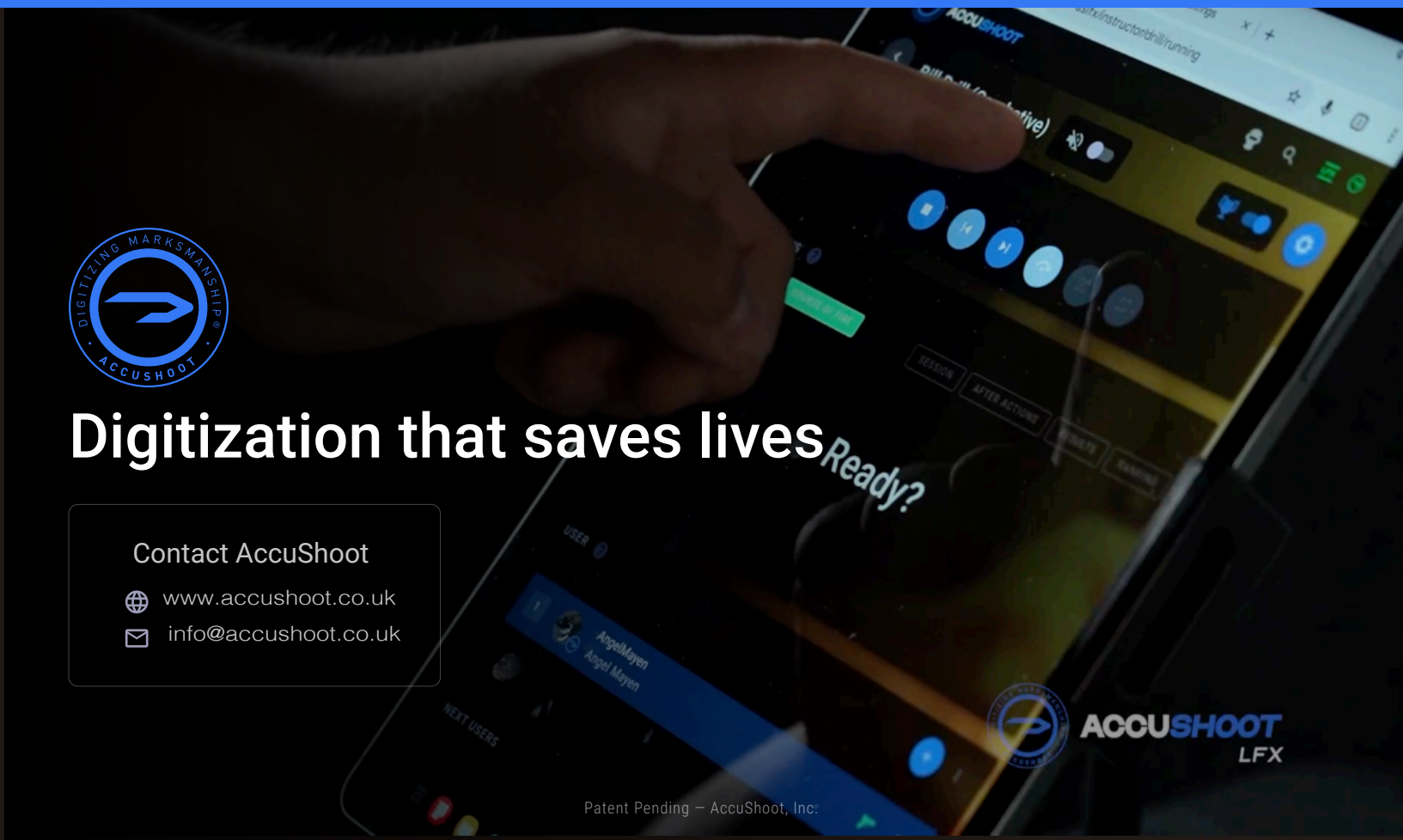
The result is an adaptive training platform capable of creating virtually unlimited exercises without requiring software development.

Together, CFX and SFX deliver one of the world's most advanced adaptive firearms training platforms, enabling exercises that continuously respond to shooter performance and environmental events.

One Platform.
Unlimited Possibilities.

SFX connects people, sensors, targets, environments, and firearms into a single adaptive training ecosystem where every action matters.

Whether enhancing a single lane or powering an entire tactical training facility, SFX enables organizations to build responsive, measurable, and highly immersive training experiences that continuously improve shooter performance and operational readiness.



Digitization that saves lives

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Patent Pending — AccuShoot, Inc.