Serious Simulations

Weapon Skin™ Instrumentation

Product Overview

Custom wireless Technology converts "dumb" real weapons to intelligent weapons – Applicable to:

Military Combat Operations, Live and Simulated Training

Law Enforcement Operations, Safety, and Evidence Collection

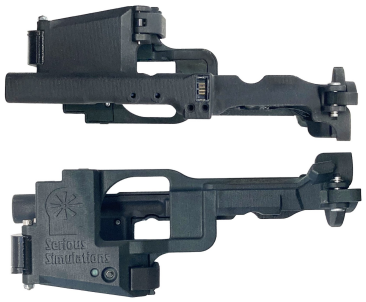
Armed Teacher/Responder Safety, Access Control, and Effectiveness

Features

Serious Simulations' wireless technologies easily attach and detach, have self-contained power and communications, and offer unprecedented data monitoring, collection, and distribution. The technologies all contribute to improved training with real weapons in simulations or live training.

Weapon Skin Instrumentation (US patent #8528244, 2013)

- Appliqué style set of sensors, IMU, wireless communications, and USB hub with optional miniature computer and optional additional rechargeable battery units
- Converts any real direct fire weapon from "dumb" to "smart", and integrates data with simulators
- M4 carbine, M9 pistol, M17 pistol, M249 SAW, M240 machine gun, others as needed
- Economical-Eliminates fleets of surrogate weapons
- Easily attached, detached to real weapons without modification (20-30 seconds)
- Operational - improved situational awareness, lethality, effectiveness
- Training at Point of Need - no simulated weapons needed
- Works with all types of live or simulated recoil
  - Combat/live fire ammunition
  - Standard blank training ammunition
  - Indoor safe blank ammunition (UTM Silent blanks)
  - Pneumatic recoil devices
  - Electric recoil devices
  - Dry fire



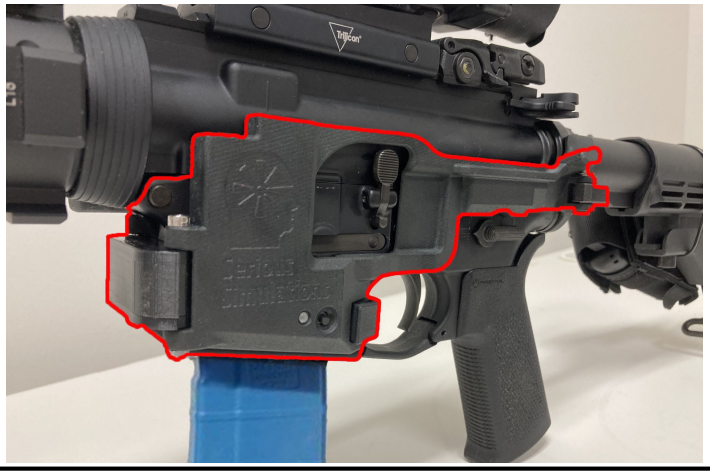


Above: M4 carbine with weapon skin. Also pictured is the optional inside/out tracking system.

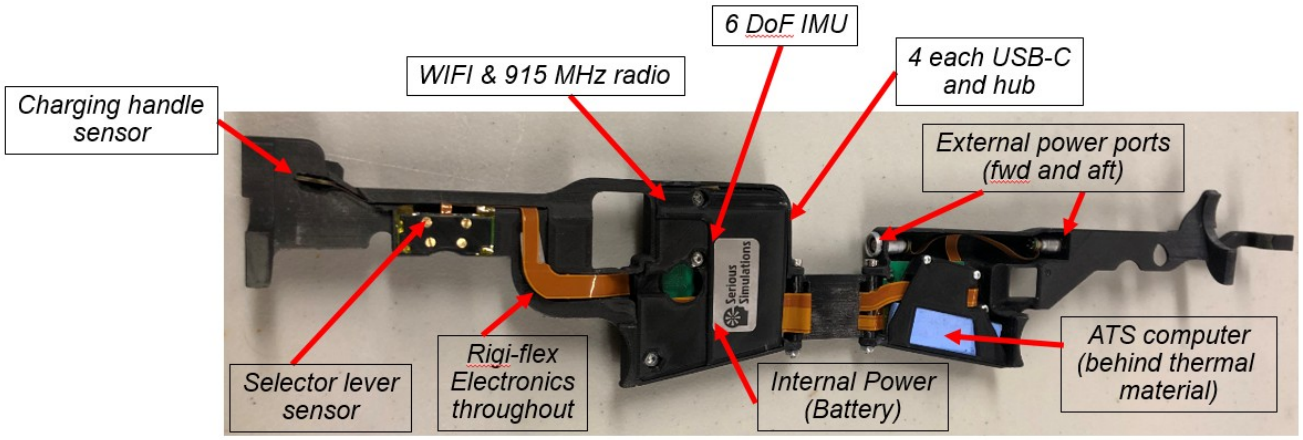
"Skin" electronics

- Fire events
- Magazine/ammo info
- Selector lever info
- Charging handle info
- Fwd assist info
- Position/orientation
- Powered hub
- Wireless comms





(above left) M17 with skin module and inside/out tracking and mini computer. (above right) Weapon skin with minicomputer on M4 carbine
(below) Interior view of a M4 carbine mini/Weapon skin with exposed electronics for illustration.





Above: M249 SAW with weapon skin. Also pictured is the optional inside/out tracking system.

For more information, visit our website at www.serioussimulations.com . Inquiries info@serioussimulations.com