



FN® Expert Marksmanship Trainer

Transforming Combat Shooter Training with Innovative Technology

ECS believes in investing in research and development to advance collaboration and innovation in order to deliver the best virtual and live training capabilities to our Warfighters. We are proud to partner with FN America to deliver the FN® Expert Marksmanship Trainer. This product is an integrated hardware/software system that provides instruction to both shooters and instructors.

The FN® Expert is a marksmanship training system that provides instruction to both shooters and coaches. The system focuses on training fundamental shooting skills (sight picture, breathing, trigger squeeze, etc.), building muscle memory and providing feedback following the shot. It is a wireless system capable of dry-fire and live-fire training on virtually any rifle or carbine, as well as selected pistols. The system can be used together with the shooter's assigned weapon and any optics or accessories the shooter already has. It can be used indoors with simulated shooting distances, or outdoors with life-size targets and real shooting distances (up to 300m). It measures rifle movement, detects the shot, shows the location of both the hit and miss, and analyzes the shooter's performance. This information is displayed in real-time on a tablet or PC connected via Bluetooth or USB, which provides objective tools to measure shooter performance and visual output to coaches with problem definition.

ECS and FN are also exploring integrations with augmented reality (AR) and virtual reality (VR) sensors integrated with our state-of-the-art software system, combat shooters can strengthen their techniques immediately, as this advanced marksmanship trainer provides specialized real-time insight into the trainee's shooting techniques and performance.