



MILO RANGE

INTERACTIVE USE OF FORCE - TACTICAL JUDGMENT SIMULATION
PRODUCT CATALOG



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MILO RANGE PRO

The Most Advanced Interactive Use of Force and Tactical Judgment Simulator

- ⊕ Expandable to multiple screens
- ⊕ Portable or fixed turn-key configurations
- ⊕ Create scenarios to meet your needs
- ⊕ Up to 16 interactive laser IDs
- ⊕ Enhance training results with options such as 4K content, heart rate monitoring, Kinect HD, and recoil kits

Interactive FULL HD Video Scenarios

GraphX

Firing Range

Lethal & Less Lethal Force Options

Lowlight & Flashlight Training

Trainee Action Capture

Course Designer Software Suite

Role Playing

GreenFX





MILO RANGE ADVANCED

Interactive Use of Force and Tactical
Judgment Simulator in a Highly Portable Package

- Interactive FULL HD Video Scenarios
- GraphX CGI firearms exercises
- Firing Range lane-based targets & courses
- Firearms & less lethal weapons
- Lowlight & flashlight training
- Trainee action capture video & audio
- Portable turn-key system configuration
- 8 Interactive laser weapon IDs



MILO RANGE CLASSIC

Use of Force and Tactical Judgment
Simulation in a Compact, Affordable Package

- Interactive FULL HD Video Scenarios
- GraphX CGI firearms exercises
- Firing Range lane-based targets & courses
- Firearms & less lethal weapons
- Portable turn-key system configuration
- 4 Interactive laser weapon IDs



TRAINING MODES

All MILO Range systems include a large library of high quality interactive scenarios and training exercises

Interactive HD Video Scenarios

- Exclusive FULL HD 1920 x 1080 video
- Six shooters with up to 16 total laser weapons
- Lowlight & flashlight training on any scenario
- Audio & video recording of trainees for review / archiving
- Create your own FULL HD training scenarios
- 4K Ready



Firing Range Lane Targets & Courses

- Static targets & fully scripted interactive courses
- Instructor defined distance, timing & scoring
- Real-time ballistics, feedback & analysis
- High definition image supports 300m distance
- Audio/Video recording of trainees for immediate review
- Allows custom targets & courses using any image
- 4 to 60 lanes per system
- Low light capability



GraphX™ Interactive Firearms Exercises

- Real-time shot feedback & analysis
- FULL HD image & target quality
- 60+ Exercises included
- User defined skill level & parameters
- Flashlight & TAC available on select exercises



TRAINING SOLUTIONS



EDITION COMPARISON

MILO Range offers a variety of systems and features to fit any agency size, need and budget.



NOTE: Features may vary for International sales / deliveries

	PRO	ADVANCED	CLASSIC
System Basics			
Max Simultaneous laser weapons	16	8	4
Standard system configuration	Small Desktop	Laptop	Laptop
Quickset & customs configurations	0	0	0
Transport case included	0	✓	✓
Force Options & Weapons			
Handguns (# firearm lasers included)	2	2	2
OC / Mace (# laser mace canisters included)	2	1	1
Baton & Strike Branching	✓	✓	✓
Shotgun & Long guns	0	0	0
Taser X2, X26, X26P & M26	0	0	0
Other less lethal (PepperBall, Beanbag, FN303, etc.)	0	0	0
Recoil handguns & long guns	0	0	0
Weapon aimtrace	0	0	-
System Features			
High Definition Video	✓	✓	✓
Windows 10 x64 operating system	✓	✓	✓
Touchscreen Operation	✓	0	0
Range Kinect™ Baton & Strike Detection	0	-	-
Range Kinect™ Verbal Command Branching	0	-	-
Range Kinect™ Trainee Motion Sensing	0	-	-
Lowlight/Flashlight feature (# flashlights included)	2	2	-
Trainee Action Capture	✓	✓	-
5.1 sound system	✓	✓	0
Projector & Screen included (excluding live fire systems)	✓	✓	✓
Projector Specs (lumens, resolution)	3500/1920x1080	2500/1920x1080	2500/1920x1080
Range Anywhere Wireless Instructor	0	-	-
Live fire module	0	0	0
Software & Content Features			
MILO Range Use of Force training software	✓	✓	✓
Number of branching video scenario included	800+	800+	800+
GraphX firearms exercises (plates, shoot houses, etc.)	60+	60+	60+
Firing Range multi-lane targetry & courses w/ ballistics	✓	✓	✓
Firing Range target & course of fire designer	✓	✓	✓
Full system records, reporting & import/export features	✓	✓	✓
MILO KnowledgeBase	✓	✓	✓
MILO Course Designer HD scenario creation package	✓	-	-
Free software updates, GraphX and video scenarios	✓	✓	✓
Training, Warranty & Support			
Included system warranty term	2 Years	2 Years	1 Year
Included product training	3 Days	1 Day	1 Day

✓ Included
 0 Optional
 - Not Available

FIRING RANGE

Simulated Indoor/Outdoor Firing Range designed for small arms marksmanship, qualification & weapons handling

Scalable screen & lane width configurations

Supports 4 to 60 target lanes

Includes 25+ targets & courses

Users can create custom targets & courses

Custom simulated range design available

Single instructor for operation & training

Touch screen & wireless tablet control

Flashlight/lowlight/flare illumination





MILO RANGE THEATER

A Fully Immersive Training Experience. MILO Range Theater is a multi-screen, enhanced field of view simulator that surrounds you for the ultimate training realism.

Immersive threat environment

CQB & CQM training

Converts to multi-lane Firing Range

180 & 300 degree configurations

HD Video on each screen

CGI Marksmanship & reactive targets

Lethal & less lethal weapon options

Lowlight / Flashlight on all screens

Trainee Action Capture audio & video

One instructor for operation & training

Touchscreen control

Optional VBS3

MILD
RANGE



THEATER

The main logo for MILO RANGE SHOOHOUSE, featuring a large stylized crosshair or target symbol to the left of the text "MILO RANGE SHOOHOUSE".

MILO RANGE SHOOHOUSE

Revolutionary Multi-Room Training.

- Team, CQB, and CQM Training
- Multiple simultaneous training scenarios
- Supports 2 to 5 rooms/screens
- Converts to multi-lane Firing Range
- HD Video on each screen
- CGI marksmanship & reactive targets
- Lethal & less lethal weapon options
- Lowlight / Flashlight
- Trainee Action Capture audio & video
- One instructor for operation & training
- Touchscreen control
- Optional VBS3



MILO RANGE SHOOTHOUSE

LIVE FIRE

YOUR WEAPON. YOUR AMMO. YOUR TRAINING.

The MILO Range Live Fire system adds software capabilities, shot detection hardware, and a built-to-order live fire target screen. This enables the use of live ammunition rounds as a training option with the MILO Range system. The customizable target screen is a large, shootable surface, onto which videos and targets are directly projected. Shooters interact by firing live rounds directly at the screen.



Live Fire Features:

- ⊕ Supports laser based & live weapons
- ⊕ Proven live target screen solution
- ⊕ Supports all calibers up to .50BMG
- ⊕ Accuracy of +/- 5mm
- ⊕ Manual and system controlled screens
- ⊕ Proven paper and thermal detection solutions



FDU (FIREARMS DIAGNOSTIC UNIT)

Real-time capture & recording of shooting technique for review, analysis & training.

The MILO Range Firearms Diagnostic Unit is a revolutionary tool enabling instructors to watch key components of a shooter's technique and results on a computer screen in real-time. The unit also displays the same in review to the student.

FDU captures:

- ⊕ Line-of-sight
- ⊕ Trigger Motion
- ⊕ Posture & Stance
- ⊕ Fall of Shot



FDU features:

- ⊕ Live Fire, Recoil & Dryfire supported
- ⊕ Pistols & rifle configurations available
- ⊕ Simple, touch screen operation
- ⊕ Portable system
- ⊕ Record & save results for offline review

Instructor can then review the entire session in normal video playback or frame-by-frame motion with the student. By synchronizing these key components for immediate review with the student, it allows their relationships and shot inaccuracy flaws to become immediately clear.





DRIVING FORCE

Render complex decisions and engage in intricate responses under conditions of time pressure, high stakes, and stress-induced physical discomfort.

Officers do exactly the same things in the training room that they do on duty: receiving and responding to a call in their patrol car, conducting an investigation, field interviews, making a simulated arrest or even implementing a level of force necessary to gain compliance from a subject. The most valuable component of this combined training is that it takes the officer through the call from beginning to end.

Features:

- ⊕ Advanced vehicle dynamics
- ⊕ Geometrically correct 225 degrees field-of-view virtual world display
- ⊕ Active Radio (Passive Radio System in the LE-1000)
- ⊕ Emergency Light/Siren unit
- ⊕ All-in-one Instructor Operator Station
- ⊕ Training Curriculum Scenario Package
- ⊕ Multi-Simulator networked response scenarios (N/C)
- ⊕ Integrates with MILO Range training system
- ⊕ Shared scenarios & instructor debrief tools



SYSTEM FEATURES



The MILO Range system offers a wide variety of features to enhance the training experience and to empower instructors to adapt the training to specific objectives. Depending on the system configuration and user requirements, any or all of these features can be included on a MILO Range system.

Lowlight & Flashlight

Provides interactive lowlight and flashlight simulation on any video scenario and many of the GraphX exercises



TAC

Provides video and audio recording of the training session for debrief and archiving



Touch Screen Operation

Simple, icon driven touch screen operation as well as support for mouse and keyboard operation



Custom Configurations

Primarily assembled with commercial electronics, our systems can be configured and built to any specification



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Heart Rate Monitoring

Wearable device provides real time and AAR heart rates, providing valuable insight into the performance of the trainee during scenarios.



Green Screen

Using actors filmed on green screens, and varied background images or videos, the system can provide interactive training scenarios in any virtual environment



Role Playing

Allows live actors to be displayed on the projection screen, with all the same weapon and interactivity options as pre-filmed video scenarios



Shootback

Safe, effective projectile-based system which provides reinforcement of the threats seen on the system's projection screen



RECOIL KITS

Real firearms, modified for safe, effective training

Our exclusive drop-in recoil kits work in real firearms by simply replacing some internal components in the weapon and can be installed or removed in minutes without any permanent modification to the firearm. Recoil effect is powered by disposable CO2 bottles or refillable magazines.

Pistol Kits



Recoil kit features:

- ⊕ Wireless operation
- ⊕ No weapon modifications
- ⊕ Includes MILO Range laser
- ⊕ Installs in 5 minutes or less
- ⊕ Supports magazine changes
- ⊕ Disposable 12g CO2 bottles
- ⊕ Refillable magazines
- ⊕ Belt mount & floor tanks

Rifle Kits



Most models available for pistols & rifles. Custom models available.

RECOIL ACCESSORIES

The MILORANGE system offers a wide variety of accessories for the recoil kits including larger storage canisters, refill solutions, and maintenance kits

WRK Refill Station

Refill any WRK magazine. Includes 1 base station, CO2 tank and 1 mag adapter sled



WRK Refill Sled

Adapter sled for WRK refill magazine to be used in refill station



WRK Refill Nozzle

Refill any magazine quickly using a large CO2 tank course. Includes nozzle and tank



WRK Refill Magazine

Dedicated refill-only WRK magazine. Holds more CO2 than standard WRK magazines



WRK Quick Fill Adapter

Handheld WRK magazine refill. Uses 12g CO2 bottles. 2 to 3 refills per bottle



WRK Maintenance Kit

Includes full set of rings, seals, common tools and replacement parts for WRK recoil kits



TRK Magazine with Belt Mount

Tethered magazine for WRK kits with belt-mount pack supporting hundreds of shots



Recoil Laser

Recoil laser for use in WRK recoil kits



ADDITIONAL RECOIL SOLUTIONS

In addition to our WRK drop-in recoil kits, MILO Range Training Systems also offers the only recoil shotgun available for use of force simulation training as well as several round-based recoil solutions.

WRK Recoil Shotgun

- ⊕ Complete, wireless recoil shotgun
- ⊕ Laser & CO2 charger included
- ⊕ Standard 12g pump model
- ⊕ Refillable CO2 chamber



Airmunition

- ⊕ Load & Eject refillable air rounds
- ⊕ Supports magazine changes
- ⊕ Compressed air instead of CO2



UTM

- ⊕ Load & Eject consumable rounds
- ⊕ Supports magazine changes
- ⊕ Safe for indoor use



Most models available for pistols & rifles. Custom models available.

LESS LETHAL SOLUTIONS

In addition to firearms training, the MILO Range simulators support a wide array of less lethal weapons including ECD, chemical, and projectile based devices. The less lethal simulation weapons provide real experience in a safe and effective environment.

Taser & ECD Weapons

M26 X26 X26P X2



OC / Mace Simulation

MK3 Canister Design
Thumb or Trigger



Baton

All Baton Models Supported
Manual Instructor Branching



Launchers

37 / 40mm Launcher
Pepperball & FN303
Shotgun Beanbag



DRYFIRE FIREARM SOLUTIONS

Laser based firearms for safe, low maintenance training

Dryfire training involves the use of inert weapons, which activate a MILO Range laser by firing pin strike or hammer fall. Dryfire training provides a safe, low-cost, low-maintenance training weapon solution with little to no moving parts and no consumable, other than batteries.

Dryfire Pistol Laser

9mm .40 .45



Dryfire Shotgun Laser

12g pump action shotgun



Replica Pistol

Several models available



Replica Rifle

Several models available



HEAVY WEAPON SOLUTIONS

MILO Range Training Systems offers several weapon solutions as well as training content based on our exclusive GraphX technology. VBS3 training platform also available.

Electronic Recoil & Sensor Weapons

- ⊕ Electric recoil system
- ⊕ System controlled & monitored
- ⊕ Simulate jams, reloads, & cook off



Available Models

M240
M249
M2 / .50 CAL

Custom models available. Contact for details

Replica Weapons

- ⊕ Low cost, low maintenance
- ⊕ Non-recoil
- ⊕ Custom solutions available



Available Models

M240
M249
M2 / .50 CAL

Custom models available. Contact for details

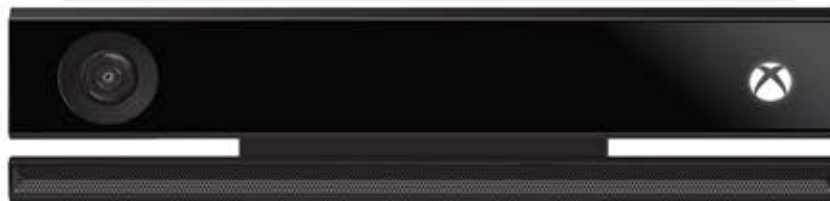
Microsoft® KINECT™ for Windows

YOUR MOVEMENT. YOUR VOICE. YOUR TRAINING.

MILO Range features Microsoft Kinect options and functionality for a variety of objectives. MILO Range with Kinect for Windows takes the realism of training, interactivity, and responsiveness to an entirely new level not seen before in use-of-force training systems.

Kinect Features:

- ⊕ Baton swings
- ⊕ Physical strikes & punches
- ⊕ Detection of offensive & defensive tactics & positions
- ⊕ Voice detection & recognition
- ⊕ Head tracking for realistic 3D world view



MILO Range with Kinect for Windows can provide real-time adjustments to the scenario and graphics field of view based on trainee movement, position, and voice. This interactive feature provides innovative training experiences for many tactical applications including corner clearing training, defensive tactics and cover as well as CQM and CQB exercises.

MILO RANGE



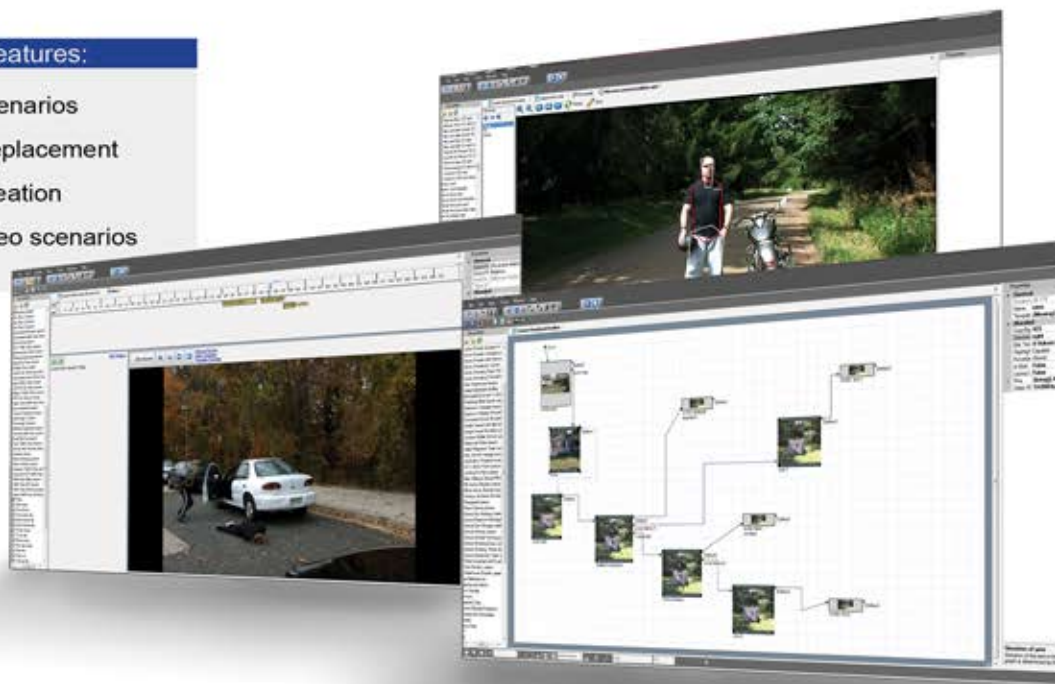
MILO COURSE DESIGNER

CREATE YOUR OWN CONTENT.

The MILO Range system includes hundreds of interactive video training scenarios. With MILO Course Designer, any agency can easily create new interactive video scenarios for themselves in less than an hour.

MILO Course Designer Features:

- ⊕ Edit & Create Full HD Video Scenarios
- ⊕ Alternate or foreign language replacement
- ⊕ Software wizard for scenario creation
- ⊕ Simple, flow chart design to video scenarios



INTERNATIONAL NETWORK

FAAC has over 20 years of localizing and supporting products all over the globe with our worldwide network of distributors and service partners. Contact us today for information about your local distributor in Europe, Asia, South America, Australia, or the Middle East.



International Advantages


- ⊕ Local sales & service
- ⊕ Localized software & documentation
- ⊕ Scenario localization features & services
- ⊕ Custom scenario & training content



**Safe, realistic training that
meets the needs of modern
policing**

MILO Range is a world-leading provider of interactive simulation training products and is widely regarded as the nation's fastest growing manufacturer of best-in-class crisis management training systems. Since 1994, our award-winning MILO Range product line has been continuously selected as the de-facto training simulator for all branches of law enforcement, military, security and public safety agencies throughout the United States and the world.

TRAIN. TEST. THRIVE

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