

PRODUCTS

Laser Designator / Illuminator



- Laser sight on rifles fitted with a Picatinny rail
- Cleaner, circular beam allows for accurate fire
- Transmit Dual laser (Visible/Invisible) and Infra Red illumination (option)
- Rugged and MIL-STD Certified
- Small, Lightweight and User friendly operation

OTHER BUSINESS

WESCAM Authorized Service Center



- L3Harris WESCAM Authorized Service Center
- High-performance EO/IR maintenance
- Basic / Advanced Level maintenance
- Major Customer
  - Korean Army, Navy, Air force
  - Korean National Police Agency, Coast Guard
  - Korea Aerospace Industry (KAI)
  - Jeju fire & forest management
  - Asian Countries (Pending)

TROLL Systems



- Exclusive KOREA agent of TROLL systems, a global supplier in Air / Naval Data link solution
- Major Customer of TROLL Systems
  - Army: U.S, Australian / Egyptian / Thai Army
  - Law Enforcement: U.S, Malaysia, Japan, Sweden
  - Boeing, Bell, L-3Harris, Raytheon / AT&T, Sprint
  - Broadcast: ABC, CBS, CNN, FOX, NBC
- Major Products
  - SkyLink Mini II: Long-range Tracking Antenna
  - LinkBox II: Air-to-Ground Datalink Transceiver
  - MicroLink: Datalink Transceiver for Drone
  - MT300: Mobile Auto-tracking Antenna
  - Datalink Hand-held receiver
  - Marine Antenna, Video Network Server

LIVE COMBAT TRAINING SYSTEM



KOREA ELECOM

MILES, IR Target Designator, EO/IR Maintenance

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Differentiated Value Creation  
Defense Solution Specialist, KOREA ELECOM





PRODUCTS

Individual Weapon System



The Small Arms Transmitter (SAT) provides weapon effects simulation for rifle and machine gun. With its visible red laser, it is aligned with the weapon, eliminating the need for an alignment device. The SAT is automatically disabled by Wireless Personal Area Network (WPAN) if the player is hit. The Dry fire mode supports maintenance and alignment.



The Electrical Magazine (Box) is compatible with various types of real weapon (AK, M16), enabling low-cost training without blank ammunition and safety limitations. It simulates the bullet-bang sound and, utilizing WPAN, automatically disabled if the player is hit or the ammunition is exhausted. It shows the residue amount of ammunition and can be reloaded by the Upmire PDA.



The Man-worn detection system provides the laser detectors and electronics necessary to record the events for use in AAR (After Action Review). The GPS tags the player's location on the recorded event, enabling simulation of realistic combat situation such as non-sight attack and the chemical / mine / obstacle zone. The WPAN of Man-worn detector provides the capability for a soldier-to-weapon association as well as reception of threats from simulated mine, grenade and IED's. The damage and probability of kill (Pk) for the torso and helmet could be configured separately. Depending on the customer's need, Korea Elecom provides the affordable leading-edge wired-type detector as well as the wireless-type detectors with small and lightweight.



PRODUCTS

In-direct Weapon : Grenade Launcher



The Grenade launcher replicates the high-angle attack feature of actual weapon. Soldiers use weapon's leaf sight, quadrant sight, trigger, and normal elevation aiming as well. With high-resolution azimuth/elevation sensors in the launcher, the point of impact is calculated. Association with personal detector via WPAN makes the launcher disabled if the player is killed.

Anti-Tank Weapon & Guided Missile



The Anti-tank transmitters have the shape of the real weapon's round or Surrogate weapon. These equipments realistically simulate the weight, reload time, effective range and firing effect by pyrotechnic round.

The player must be alive to fire the weapon, and any live soldier can pick up the weapon and engage targets.

The guided anti-tank weapon such as METIS-M and TOW transmitter mimics their tracking feature realistically. These require the soldier to perform correct procedures in guiding missiles before the target-impact.

The various prototypes of the anti-tank weapon could provide the variants depending on the needs.



Claymore



The Claymore, similar to M18A1 anti-personnel mine, provides a wide and mass damage by firing lasers to wide areas. Components are compatible with M18A1 and pyrotechnic cartridge simulates bomb effects, including blast and sound. It is triggered by the soldier's cracker push like as M18A1 and also triggered by a Booby-Trab.

PRODUCTS

Pop-up target & Active target

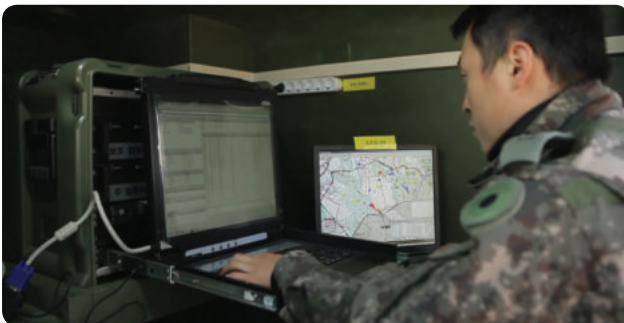


The Pop-up target is used to simulate the opp. soldier in the urban training. It senses the intrusion of the person, waiting for some pre-defined delay, then shoots the laser bullet to simulate the opposing soldier. The Active Target operates similar to the pop-up target, but it can track and attack the intruders wherever they are (360°). The operational features are configurable by the Ethernet.

Umpire PDA / AAR / DCN



The Umpire PDA controls the soldiers during the training by Kill & Resurrect laser code. It can be used as the artillery and a cyber simulator (Chemical, Mine, and Obstacle zone). It could configure the MILES device before the training and download the training events stored in personal detector if necessary. It is used as a control tool for during the repair and maintenance as well.



All the event occurred during the training are used in the After Action Review (AAR). The events are collected in the Exercise Control Center (EXCON) by Data Communication Network (DCN) or Umpire PDA, then used to assess the training via analysis software. The various results of AAR are delivered to the participant unit in order to enhance the combat readiness.



DCN is a Data Communication Network that sends / receives data, such as Exercise event data and Exercise control data between Trainee (DCN Modem) on the training site and the Exercise Control Center (EXCON). The coverage of DCN can be expanded by using Mobile Relay that can be installed in any area and powered by battery.