

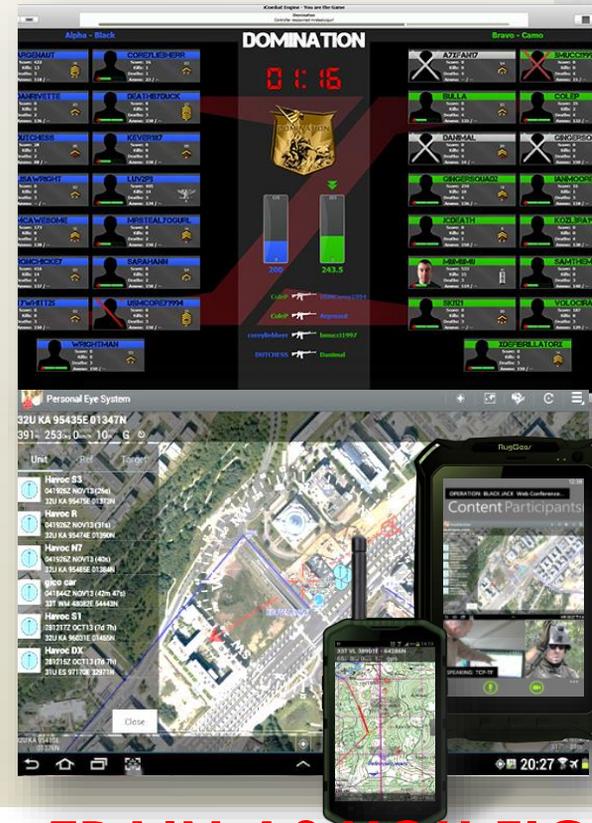
## Operational Challenge:

How to provide safe, affordable and realistic marksmanship and gun battle training in any tactical environment

BATTLE.C.R.A.F.T. Solution :

# BATTLE.SITES.

Battle Stress-based Infrared Target Engagement Simulation



### irVest

The irVest features 10 sensors placed throughout the standard MOLLE design.

### irM4

The irM4 laser training rifle replicates a real AR15/M4 in size, weight, and looks.

### SmartMag

The patented SmartMag houses the power source and ammunition electronics.

StressX  
Shock Belt  
"Avoid the Hit!"



## TRAIN AS YOU FIGHT. ANYTIME. ANYWHERE

- **EXTREMELY REALISTIC:** With the StressX Shocking Belt, combatant players receive safe "pain penalty" when hit to simulate battle stress, making them take every move and decision seriously to avoid getting "killed". There is no system more realistic than the iCombat tactical laser tag system which is also used by US and international defense and police forces for force-on-force and force-on-target training.
- **HIGHLY ADVANCED:** Integrating Battle Management System and 3D Wargaming System for mission planning and monitoring, iCombat's wireless connectivity of weapons and sensors displays each player's performance, shoot ratio, location and other info in real-time.
- **COST-EFFECTIVE:** The cost of training is greatly reduced with no need for expensive blank bullets, target boards or dedicated training site.
- **DURABLE & ACCURATE:** Waterproof and shockproof, the weapon look, feel and operate just like the real thing like recoil, sound and muzzle flash. Modular optics and accessories can be attached.
- **ENVIRONMENT-FRIENDLY:** No training area to prepare or clean-up. The infrared tag technology leaves no mess and air pollution.
- **FLEXIBLE:** Whether it be a raid, vehicle ambush, hostage scenario or even marksmanship training, you can train anywhere, even in the exact location where you may be someday called upon to fight.

An innovation in system integration designed by Filipino warfighters to help save lives & win battles for a safer Philippines.



The **BATTLE.S.I.T.E.** is a realistic tactical IR laser tag system integrated with collaboration and battle management system. It is a training node of the **BATT.L.E.C.R.A.FT Solutions [ Battlespace Leadership Enhancement & Capability Reforms for Advanced Fighting & Training ]**

## SYSTEMS COMPONENTS

### irM4



The irM4 replicates the M16/M4 with the same form, fit, and function including attachment of actual scopes, lights, stocks and other accessories. It syncs wirelessly to the irVest to record shot data, accuracy, and more. If a combatant is shot, their gun shuts off for a period of time preventing cheating. It features a bright muzzle flash, ammunition accountability with the SmartMag, live noise and recoil, two modes of fire and more.

### irPistol



The irPistol is based on the the 9MM Glock 17 with the same weight, function, and reaction. It is synced to an irVest and used in conjunction with up to two more weapons. This elite laser training weapon is safe and gives players the ultimate in realism. The irPistol is completely safe and includes bright muzzle flash, live noise and recoil, real pistol action including a locking slide, ammo accountability and much more.

### irGrenade



The irGRENADe will add an entirely different level to the tactical gameplay. Safe and durable, with almost no maintenance since it is fully "weatherized". Special features include blast LEDs in multiple colors, "Stun" or "Eliminate" mode, built-in siren, adjustable countdown/detonation time, team or free-for-all, iCE software integration and designed to be thrown like a real grenade.

### irVest



The irVest is the central component of the iCOMBAT system because it tracks all combatant data and communicates with the iCE software up to a mile away or more. All weapons and add-ons sync wirelessly to the vest. The irVest is a full-scale MOLLE vest and can be configured with pouches and add-ons, allowing unlimited tactical configurations. A Medic mode enables a player as a Medic, with full player revival capabilities.

### irHeadband



Wireless Target

The irHeadband is a wireless, adjustable headband which includes four additional sensors and a beeper to guarantee effective head shots. The wireless target is the same size as the irHeadband control box, making it extremely portable. It lights up and beeps when you shoot it. It can be used in stand-a-lone mode for basic marksmanship or target shooting, or with iCE for advanced target games.

### StessX Shocking Belt



The intensity of training becomes very real with the StressX shocking belt. It delivers a pain penalty to the wearer when hit. It raises stress levels and ensures the ultimate in realism for tactical training. Several configurations are available to simulate wounds, vibration and alert. The belt delivers a safe, localized shock or vibration to increase stress levels during training. An optional Heart Rate Monitor can display heart rates in real-time.

### SmartMag



The SmartMag powers each iCOMBAT weapon allowing it to fire. It keeps track of ammunition and stores the CO2 cartridge that creates live noise and recoil. The same size and weight as their real-life counterparts which also means supreme durability. You can drop your mag and fight on. SmartMags can be swapped between iCOMBAT weapons without losing shot count.

### iCombat Engine (iCE)



The iCOMBAT Engine (iCE) brings the laser tag games to life. Use simple Gun2Gun mode, which is jammed with features, but with iCE, a single operator can control every aspect of the game. iCE also helps manage your facility, membership, registration, armory and more. All equipment is connected wirelessly to the software and CCM Server. This control the gear over a large area (up to 1 mile or in longer rangers with signal boosters)

### BATTLE.C.O.M.S.



The BATTLE.C.O.M.S. is an affordable battle management system integrating portable BATTLE.P.H.O.N.E. with modular 3G/4G/radio/satellite communications, BATTLEBOARD-PES apps and modular day/night sensors such as motion detectors, remote cameras and drone video feed. It is a tactical-level BMS node of the BATTLE.C.R.A.F.T. Solutions. Advanced features include blue force tracking, common operating picture (COP) overlay sharing, navigation, intel preparation, secure tactical chat and messaging and a lot more.