



Initial - Homestation Instrumentation Training System

I-HITS, the U.S. Army's choice for high-fidelity homestation and mobile training, provides flexible Combat Training Center (CTC) training capabilities, anywhere at anytime. Cubic's exportable training capability is cost-effective, reliable, field-proven and user-friendly.

I-HITS provides turnkey training for soldiers at their homestations, mobilization stations and forward-deployed operational sites. A completely self-contained package, I-HITS features a modular, component-based architecture that is easily tailored for mobile, deployable or fixed applications. It is scalable for all levels of training, from squad through brigade. The system is also adaptable for any mission, including force-on-force, force-on-target, urban, joint and combined arms exercises. Additionally, I-HITS provides entity tracking for emergency response teams or land navigation.

From mission planning and rehearsal to objective assessments, I-HITS provides high-fidelity needed for mission success.

CAPABILITIES

- Common operating environment for force-on-force, force-on-target, urban training and other live environments
- MILES "agnostic" direct-fire tactical engagement simulation
- Indirect fire and area weapon effects simulation and assessment
- Dismount, vehicle, rotary wing, and observer-controller instrumentation
- Observer-controller situational awareness on remote display
- Training feedback for planning, preparation, execution and assessment
- Seamless integration with current virtual and constructive simulations and C4ISR systems
- Expandable, allowing for easy adaptation to emerging weapon and communication systems
- LVC ready with TENA, HLA and DIS interfaces

MAJOR FEATURES

Easy to Install

- Minimal interconnections
- Can deploy entire system in less than one hour
- Requires four personnel for setup and sustainment

Operator Friendly

- Windows-based graphical user interface
- Interactive pull-down help files
- Automated order of battle generation

Mobile Configuration

- Man-carried transportable case configuration for fixed wing and rotary wing transport
- Stand-alone or installed in wheeled or tracked vehicle, fixed or mobile shelter, commercial trucks or trailers

Modular & Scalable

- COTS architecture increases ease of sustainment and maintainability
- Rapidly expandable to support higher level echelon training
- Links included for other live, virtual and constructive training environments
- Supports full-spectrum of training, from squad through brigade (battle group)
- Bidirectional interactive links to C4ISR systems, such as FBCB2

Open Standards

- Microsoft Windows and office components HLA and TENA backbone architecture
- Adaptable to multiple DIS, HLA, and TENA training environments



Adaptable for Any Mission

- Urban Operations
- Combined Arms
- Special Operations Forces
- Joint and Combined Operations
- Land Navigation and Emergency Response

Mission Planning and Rehearsal

- Stand-alone platform for mission planning and rehearsal
- Provides situational awareness to the training analyst
- Minimizes time to prepare After Action Reviews (AARs)

Robust Training Feedback

- Instant dynamic AAR replay
- Interactive dual-screen synchronized multimedia AARs
- 2D, 3D and tactical communications
- Adaptable to doctrinal standard for AARs
- Automated "objective" evaluation tools to assess unit readiness and provide immediate feedback