



# MILSIM – FLEXIBLE, PORTABLE CONSTRUCTIVE SIMULATION

An innovative, low overhead solution for constructive simulation training. MILSIM can be operated at a fraction of the cost of other traditional constructive simulations



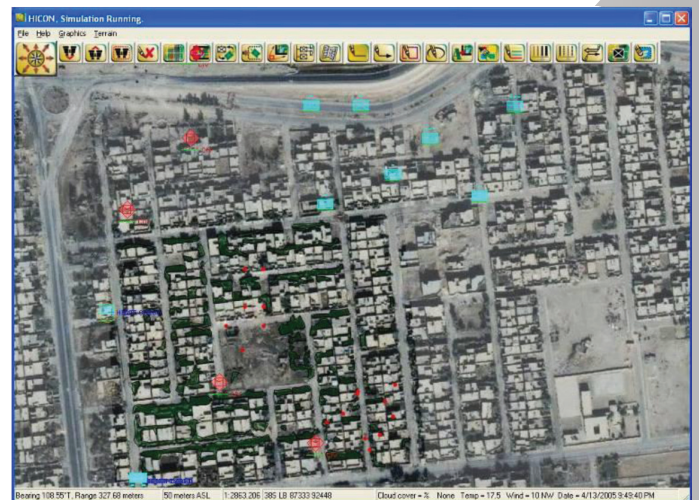
## Product Overview

MILSIM represents a significant leap forward in battlefield command simulations by allowing commanders to realistically simulate engagements from squad and platoon to brigade task force and divisional level. Simple user interfaces and easy training scenario creation and manipulation significantly reduce operating costs by allowing organizations to create and execute training without extensive external support.

## Training Versatility

MILSIM is a highly versatile simulation and can be employed in a variety of situations:

- **Traditional Simulation Center.** MILSIM is employed similar to other constructive simulations to train commanders and staff, and with its simple user interface and automated networking, exercises can be conducted for a small fraction of typical costs.
- **Classroom Instruction Tool.** MILSIM is used for classroom demonstrations and practical exercises.
- **C2/BMS Training Tool.** MILSIM interfaces with C2 and BMS Systems to stimulate C2 Systems. MILSIM has been interfaced to the US Army's C2 Systems, USMC's C2PC and Canadian SAS systems to provide realistic and relevant C2 system training.



## Simple Preparation & Execution

**Soldier Operated.** No contractor pucksters are required to conduct training. Soldiers can be trained to operate MILSIM in a matter of hours. Most user functionality is accessed via “right-click” menu options.

**Simple Scenario Creation.** Internal training resources can be used to maintain the simulation and create and conduct training. The Expert User/Scenario Creation Course can be conducted in 2-3 Days. Unit personnel modify scenarios in less than an hour. Unit personnel create new scenarios in 2-3 hours or 2-3 days for very complex high-level scenarios/new equipment

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### Portability

**Portable Simulation Training.** MILSIM's low overhead system architecture means that the system is extremely portable. Using a few laptop computers and a network router, simulation training capability is brought directly to the units and commanders requiring the training. Automatic network establishment enables the system to be setup in minutes.

**Simulated Tactical Radio.** MILSIM can be deployed with RADSIM - a software based radio that runs on the same laptops as MILSIM and simulates tactical radio communications between MILSIM stations. This eliminates the requirement to setup "green box" radio nets.

### Other Features

**Multi-Language Support.** Operators can switch on-the-fly between languages. Having the software in the mother-tongue of the users greatly reduces training overhead. MILSIM can have multiple languages running within the same simulation. MILSIM is currently translated into English, French, Arabic and Portuguese. MILSIM can be translated into other languages with relative ease.

**Logistics and Maintenance Play.** MILSIM exercises the logistics and maintenance staff which can add an increased complexity level for operational commanders. MILSIM provides play for the role of logistics, medical and maintenance staffs by allowing entities to require resupply, repair or medical treatment. The degree of logistical play is adjustable at the start of the simulation. Additionally, the ability to deploy engineering resources can enhance or deny mobility.

**After-Action/Post-Training Reviews.** MILSIM can provide playback of the simulation from any perspective and allows the simulation controller to create combat "vignettes" or short video clips of the important lessons from the simulation simply and effectively. It also can generate reports detailing information on vehicles damaged and destroyed, the effectiveness of weapons systems and supplies consumed (fuel, ammunition, etc).

### About Us...

Applied Training Solutions, LLC is a training services company specializing in constructive simulations for both military and emergency management markets. Our core competencies include modeling and simulation to support training objectives, military training and exercise planning, experimentation development and execution, homeland security operations and Command and Control software and services for the military, homeland security and public safety markets. ATS is affiliated with C4i Consultants, Inc. of Canada.

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