

## WESCAM MX™-SIM

### High-fidelity simulation and training for WESCAM MX™-Series EO/IR surveillance and targeting systems.

The WESCAM MX-SIM provides operators with in-depth, cost-effective system operation training without occupying a flight asset. Designed to match your specific sensor configuration, the WESCAM MX-SIM provides a realistic equipment and mission training capability where operators can practice tactics and operation in a representative mission environment.

#### INDUSTRY LEADING SIMULATION SOFTWARE:

The WESCAM MX-SIM provides a powerful and intuitive computer-generated forces (CGF) capability, enabling operators to create mission scenarios that are specific to their operational requirements.

#### EQUIPMENT TRAINING:

Complete, high-fidelity simulation of the operation and behavior of WESCAM MX-Series sensors allow the operator to fully train on a soft platform prior to live operations

Train regardless of weather and equipment availability.

#### MISSION TRAINING:

Build custom mission scenarios that incorporate:

- > **Terrain** – Custom geo-specific terrain profiles
- > **Objects** – Thousands of models included, with the ability to add new specific models
- > **Human Activity** – Add pedestrian and vehicle traffic for realistic simulated missions

#### FLEXIBILITY:

Available in desktop or laptop configuration

- PC with keyboard and mouse
- Dual monitors (desktop), single monitor (laptop)
- Configured for operator's specific sensor configuration
- Compatibility with any standard WESCAM MX-Series operator interface

Full implementation of WESCAM MX computer control interface allows simulator to be interfaced with mission computer or moving map system.

WESCAM MX-SIM is compliant with the standard High Level Architecture (HLA) and Distributed Interactive Simulation (DIS) simulation protocols, allowing it to integrate other simulation environments.



WESCAM MX-SIM screen captures



#### IMMERSIVE MISSION REHEARSAL SIMULATION

The highest fidelity simulation available for WESCAM MX-Systems and operators

- > Create a fully-immersive and networked simulation environment
- > Customize mission scenarios
- > Joint-force training to and from anywhere
- > Eliminate geographical boundaries. Reduce training logistic hurdles.

## COMPLETE SIMULATION SOLUTIONS:

Our WESCAM MX-SIM products provide exceptional tools in the education and training of operators to ensure mission readiness, crew coordination and command force training. All products integrate seamlessly together, allowing multiple roles and mission critical personnel to train together.

- > **Flight and Ground Stations:** Enable operators of all disciplines to participate in a full mission-rehearsal environment at the same time
- > **WESCAM MX-Mission Trainer:** Integrated solution combining WESCAM MX-SIM with moving map or mission system technologies
- > **Instructor/Command Station:** Launch, monitor and interact with training missions during instruction



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