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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, high fidelity and cost-effective system training without occupying a flight asset. It provides a consistent learning experience with specific, scripted events that ensure every trainee meets operational standards. Designed to match your specific sensor configuration, the WESCAM MX-SIM provides a realistic equipment and mission training experience where operators can rehearse tactics and operation in a representative mission environment.

INDUSTRY LEADING SIMULATION SOFTWARE:

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

EQUIPMENT TRAINING:

Complete, high-fidelity simulation of WESCAM MX-Series sensor functionality allows the operator to fully train on a soft platform prior to live operations. Train regardless of weather conditions, equipment or supporting personnel 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

> **Pattern of Life** – 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 the WESCAM MX-Series 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 and Distributed Interactive Simulation 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-Series 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 carbon footprint by reducing in-flight training

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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, 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

WESCAM MX-Pilot Station

WESCAM MX-Pilot Station

WESCAM MX-Mission Trainer

WESCAM MX-SIM

Ground Station - Troop

Ground Station - Vehicle

Ground Station - Vehicle

Ground Station - Command

Ground Station - Troop

Ground Station - Troop

WESCAM MX-SIM

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