

## WESCAM MX™-EMULATOR

Emulate your WESCAM MX™-Series EO/IR surveillance and targeting systems.

The WESCAM MX™-Emulator allows integrators to cost-effectively conduct aircraft integration activities and system-in-the-loop testing without tying up your sensor asset.

### INTEGRATION SUPPORT:

- > Rapidly perform on-aircraft electrical and data interface integration of your WESCAM MX-Series EO/IR system without occupying a valuable sensor asset
- > Cost effective hardware in the loop test and integration tool for System Integration Lab (SIL) environments
- > Keep operational assets available for missions

### TRAINING SUPPORT:

- > Support sensor and mission training activities with embedded WESCAM MX-SIM
- > 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
- > Build custom mission scenarios that incorporate terrain, buildings and human activity

### FEATURES:

- > Compatible with other High Level Architecture (HLA) and Distributed Interactive Simulation (DIS) systems
- > Interchangeable with turret in SIL with no modifications to electrical or data interfaces
- > Emulates standard WESCAM MX-Series communications ports RS-232/422, MIL-STD-1553 and video ports HD-SDI, Y/C and composite video
- > Supports moving map and searchlight functional interfaces
- > Built on defence standard simulator engines
- > Highly portable ruggedized case for air and ground transportation



WESCAM MX-Emulator screen captures



### INDUSTRY-LEADING EMULATION TECHNOLOGY

System Integration Lab testing and development capability

- > Emulates all standard WESCAM MX-Series EO/IR systems
- > Releases critical operational systems to the field vs SILs
- > Built on the Global Defense standard simulator engines
- > Fully compatible with Distributed Interactive Simulation (DIS) and High Level Architecture (HLA) systems

#### DELIVERY OF THE WESCAM MX-EMULATOR INCLUDES:

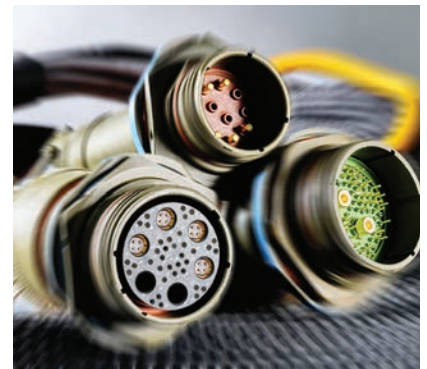
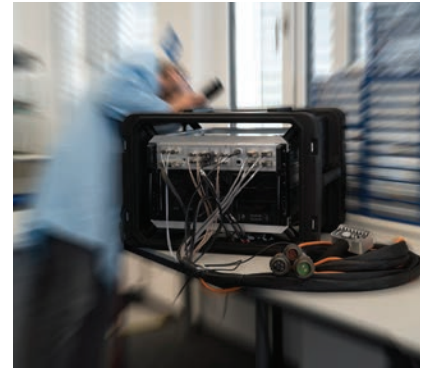
- > WESCAM MX-SIM Desktop PC
- > Custom I/O module to replicate the WESCAM MX sensor standard interfaces
- > 19" rack mount ruggedized transport case
- > Dual monitors
- > Cable set allowing the emulator to connect to standard turret ground test cables
- > Emulator SW drive, customized to your specific sensor and SW configuration
- > Operator Interface Converter (OIC) to allow connection of any standard WESCAM MX-Series operator interface

#### BECOME A FORCE MULTIPLIER:

At L3Harris, we recognize the importance of quality training when it comes to ensuring successful missions.

From system familiarization to operations and intermediate maintenance, having the right training available when and where you need it is a vital step in mission readiness.

Our training solutions are designed and facilitated by certified professional instructors and instructional designers. This ensures operators and maintainers are armed with all the knowledge and skills required to integrate, operate and maintain the WESCAM MX-Series of EO/IR imaging systems. Attend a course at one of our factory locations, or let us bring the training to your facility.



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**L3HARRIS™**  
FAST. FORWARD.

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