

## MULTI SENSOR CONTROL SUITE (MSCS)

### Open architecture application for integrated air/ground defense systems

The MSCS supports the rapid integration of a wide variety of radars, correlators, communications devices, cameras, and processors for detection identification and tracking of airborne or ground-based threats. Its networked architecture supports multi-site connectivity and coordination of remote sensors located in mobile or fixed settings. Operators can monitor and control the MSCS using slew-to-cue sensors to accelerate threat classification over wide surveillance areas.



### DETECT. IDENTIFY. ENGAGE.

- Open architecture application for integrating sensors (EO/IR, radar, DF, perimeter, etc.) and software into a common modular, scalable operating environment
- Displays raw radar sensor tracks and/or correlated tracks from multiple radars (organic and external)
- Real-time slew-to-cue for cameras from radar tracks
- Live video from up to 8 simultaneous organic and external sensors
- Provides concurrent display / control of multiple video sensors
- Predictive target motion and optical tracking aids simultaneous operator control of multiple video sensors
- Supports MSCS to MSCS Collaboration – Links networks
- Supports real-time multicast to external command centers
- Supports high speed intra-tower communications, with automatic directional wireless network connectivity for mobile systems

# Multi Sensor Control Suite (MSCS)

## Supported Devices

The MSCS' sensor agnostic, modular architecture supports a near limitless variety of sensors, communications systems, radar correlators, encoders, processors, and software applications. A sample of previously integrated devices is below:

<b>EO/IR Sensors</b>	TAMAM POP200/300 TAMAM MOSP L3 M14 L3 Sonoma Eagle	PVP Night Hawk PVP MVSP FLIR CCFLIR/SeaFLIR II FLIR Navigator II
<b>Radar Sensors</b>	ELTA EL/M-2112 Ground Radar SR Hawk Ground Radar	SRC LCMR/LSTAR Counter-Mortar Radar Koden Marine Navigation Radar
<b>Communication Sensors</b>	802.11, 802.16 Data Link	Tactical Radios
<b>Radar Correlators</b>	Raytheon Solipsys MSCT	SAIC AFT
<b>Video Record/Playback</b>	Boulder Imaging	Epiphan DVR
<b>Mapping Software</b>	Integral MSCS Mapping Raytheon Solipsys TDF Falconview PFPS	Nobeltec VNS/Admiral Navigation Suites Furuno MaxSea Chartplotting
<b>Video Encoders/Servers</b>	Milestone Video Server Bosch VIPx Video Encoders Moxa Video Encoders VBrick Video Encoders	ACTi Video Encoders AP Labs Video Encoders VITEC MGW Encoders
<b>Misc Sensors</b>	Northrop LN270 INS and GPS Innalabs INS Garmin GPS	CAN sensors (various) SENSR GP2 Accelerometer
<b>Misc 3rd Party Software Applications Servers</b>	Maretron N2KView Vessel Monitoring	VLC Media Player

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