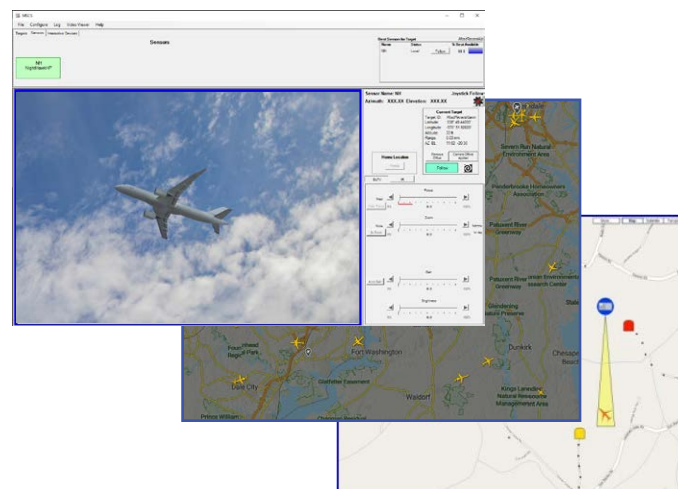# MULTI SENSOR CONTROL SUITE (MSCS)

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 multi-cast to external command centers
- Supports high speed intra-tower communications, with automatic directional wireless network connectivity for mobile systems

TR:DENT

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:

EO/IR Sensors
TAMAM POP200/300
TAMAM MOSP
L3 M14
L3 Sonoma Eagle

PVP Night Hawk
PVP MVSP
FLIR CCFLIR/SeaFLIR II
FLIR Navigator II

Radar Sensors
ELTA EL/M-2112 Ground Radar
SR Hawk Ground Radar

SRC LCMR/LSTAR Counter-Mortar Radar
Koden Marine Navigation Radar

Communication Sensors
802.16 Data Link

Tactical Radios

Radar Correlators
Raytheon Solipsys MSCT

SAIC AFT

Video Record/Playback
Boulder Imaging

Epiphan DVR

Mapping Software
Integral MSCS Mapping
Raytheon Solipsys TDF
Falconview PFPS

Nobeltec VNS/Admiral Navigation Suites
Furuno MaxSea Chartplotting

Video Encoders/Servers
Milestone Video Server
Bosch VIPx Video Encoders
Moxa Video Encoders
VBrick Video Encoders

ACTi Video Encoders
AP Labs Video Encoders
VITEC MGW Encoders

Misc Sensors
Northrop LN270 INS and GPS
Innalabs INS
Garmin GPS

CAN sensors (various)
SENSR GP2 Accelerometer

Misc 3rd Party Software Applications Servers
Maretron N2KView Vessel Monitoring

VLC Media Player

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