

## **WIDOW**<sup>®</sup>

### Modular Mission Management. Combat-Proven. Future-Ready.

Widow<sup>®</sup> is a scalable, open-architecture mission management software suite designed to digitally unite ISR, strike, maneuver and multi-domain operations.

Widow<sup>®</sup> integrates sensors, video, weapons interfaces, geospatial data, tactical datalinks and communications into a fused, intuitive common operating picture – without the need to replace existing avionics or flight-critical systems.

Platform-agnostic and rapidly deployable, Widow reduces cognitive load, accelerates decision cycles and enables incremental modernization across mixed fleets – without costly operational flight program redesigns.

#### **VARIANTS**

Widow is built for rapid fielding and long-term modernization across missionized aircraft, weapons systems and multi-domain operational platforms.

**Widow** – Full mission management system for integrated and missionized platforms

- > Compatible with standalone mission displays and existing avionic displays
- > Optimized for touch-enabled and bezel-key interfaces

**Widow Desktop** – Console-based configuration optimized for ISR, maritime and ground-based mission stations

- > Designed for sensor operators and crew stations
- > Touch-enabled workstation configuration

#### **CORE FEATURES**

- > Configurable mission-specific menus and layouts
- > Augmented reality video with overlays
- > Data import of POIs, overlays and GeoTIFF files
- > Sensor cueing, tracking and enhancement tools
- > Configurable tactical maps and graphics tools
- > Onboard and offboard collaboration modes
- > Support for OSM, CADRG, DTED and commercial imagery
- > Target marking, recording and playback tools
- > Available SDK with APIs and ICDs

#### **OPERATIONAL ADVANTAGE**

- > Multi-spectral video and electro-optical/infrared integration
- > Tactical moving maps and geospatial data fusion
- > Augmented reality tactical overlays
- > Onboard and offboard datalink integration
- > Up to eight configurable media windows per crew station
- > Multi-user, multi-station collaboration



## Strategic Advantage

- > **Combat-Proven**  
1.3M+ combat flight hours across ISR and strike operations
- > **Baseline Compliance**  
EAR99 and DAL-E aligned for exportability and streamlined integration
- > **Platform Flexibility**  
Operates across Windows and Linux environments
- > **Reduced Integration Risk**  
Enables rapid integration and upgrade without OFP rework
- > **Open & Extensible**  
Modular SDK and APIs supports integration of sensors, datalinks and mission system plugins
- > **Lower Lifecycle Cost**  
Deployable across commercial and rugged hardware platforms

## INTEGRATED WITH INDUSTRY PARTNERS

Widow portfolio integration includes proven systems and continues to expand across avionics, sensors, datalinks and mission systems:

- > L3Harris Technologies (PANTHR™, WESCAM MX™-Series tactical radios)
- > Garmin (G3000® / G5000®)
- > Moog Inc. (Weapons & Stores Management)
- > ASELSAN (ATACNAV)
- > BAE Systems (LiteHUD®)
- > CMC Electronics (Cockpit 9000)
- > Hood Technology Corporation (ALTICAM™)
- > IMSAR (NSP-7 Radar)
- > Leonardo DRS (Osprey® Radar)
- > Northrop Grumman (LN-251 EGI)
- > Persistent Systems (MPU5® radio)
- > Teledyne FLIR (SSHD, 380HD, 380HLD)
- > Thales (Scorpion® HMCS, I-Master® radar)

## SOFTWARE LINEAGE

Widow is built on over 18 years of fielded mission system integration across a globally deployed fleet of ISR, strike and special mission aircraft.

- > OA-1K Skyraider II
- > AC-130W / AC-130J
- > U-28A
- > MC-12
- > OV-10
- > AC-208
- > Scorpion Jet
- > F-5AT / N+
- > HH-60U
- > MD-530G
- > Bell 407
- > S-61 Sea King
- > B-250
- > VAMPIRE™ C-UxS



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For more information contact L3Harris at [FRX.Products@L3Harris.com](mailto:FRX.Products@L3Harris.com) or call 629.888.4200.

Widow®

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