GENERAL DYNAMICS
Mission Systems

Dynamic Vision

Extends tracking capability beyond single sensor limitations by synchronizing multiple sensors automatically

DYNAMIC VISION

Sensor synchronization and collaboration tool:

Integrates with Any Platform
WITH FIXED OR STEERABLE OPTICAL SENSORS

Automates Sensor Control
TO REDUCE OPERATOR WORKLOAD

Improves Targeting Accuracy
THROUGH MULTI-SENSOR TEAMING

Supports AI Object Detection
AND TARGET IDENTIFICATION

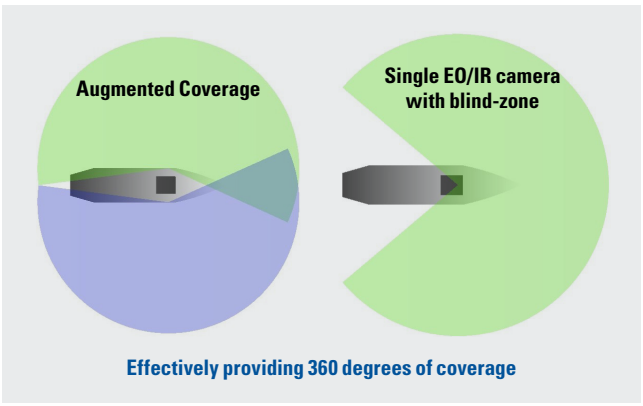
Open Architecture Design
FOR FAST INTEGRATION OF FUTURE ACTIVE AND PASSIVE DETECTION AND TRACKING SENSORS

Overview

Dynamic Vision provides watch standers a single point of control and display using the platform's existing cameras. When combined with Dynamic ASSIST, Dynamic Vision integrates new cameras and sources of track data to provide a correlated 360-degree camera coverage for navigation and visual assistance in high threat or congested areas.

Integrations

- Easily integrates with existing and additional cameras
- Adapts / augments additional sensor capabilities to existing interfaces
- Integration with the Dynamic ASSIST 3D display gives the operator an intuitive view of the battle space and each camera's field of view
- Pairing mode automatically and continuously points cameras at targets identified by other sensor sources such as radars, AIS, Link, or other cameras
- Synchronizes multiple cameras to a single high-priority target such as a Man-Overboard or navigational obstacle
- User prioritized list of targets can be surveyed, resulting in the cameras automatically slewing to each target
- Supports AI object detection and target identification



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