

VIDEOSCOUT®-INSYTE® PLUS

Automated Object Detection for Full Motion Video Software

VideoScout®-Insyte® Plus is an integrated software package that provides automated object detection, change detection, and target identification for Full-Motion Video (FMV).



VideoScout® Insyte® Plus (Insyte Plus) is a separately purchased add on software package that is integrated with VideoScout® Insyte®. Insyte Plus automatically detects any small movements in the field of view and alerts operators to objects that are easily missed for land and maritime missions like counter piracy, search and rescue, compound surveillance, and convoy protection. This information provides commanders a complete understanding of the situation on the ground or at sea which helps save lives.

SOFTWARE FEATURES

Insyte Plus enhances airborne, land and maritime Intelligence, Surveillance, and Reconnaissance (ISR) missions by:

Small Object Detection

- > Automatically detecting small moving objects such as vehicles and people in electro-optical (EO) and infrared (IR) aerial video from manned and unmanned aircraft that provides the users an immediate cue to potential threats and enhances airborne Intelligence, Surveillance and Reconnaissance (ISR).

- > Automatic detection of small moving objects such as fishing vessels, pirate boats and people overboard, down to a few pixels in size, often too small for fatigued human eyes to see.
- > Detecting objects in both high and low sea states.

Movement Object Tracking

- > Identifiable tags for each object detected.
- > Visible history of object movements with breadcrumbs indicating where each detected object has previously been in the image area. Maintain consistent breadcrumb trail by predicting the object's path based on velocity and direction.

Geo-Location Data

- > Provides detection data to tactical maps and other client applications to enable classification or interrogation of objects.
- > Metadata compliant with STANAG 4609 and MISB 0601, disseminating detection locations to downstream applications.

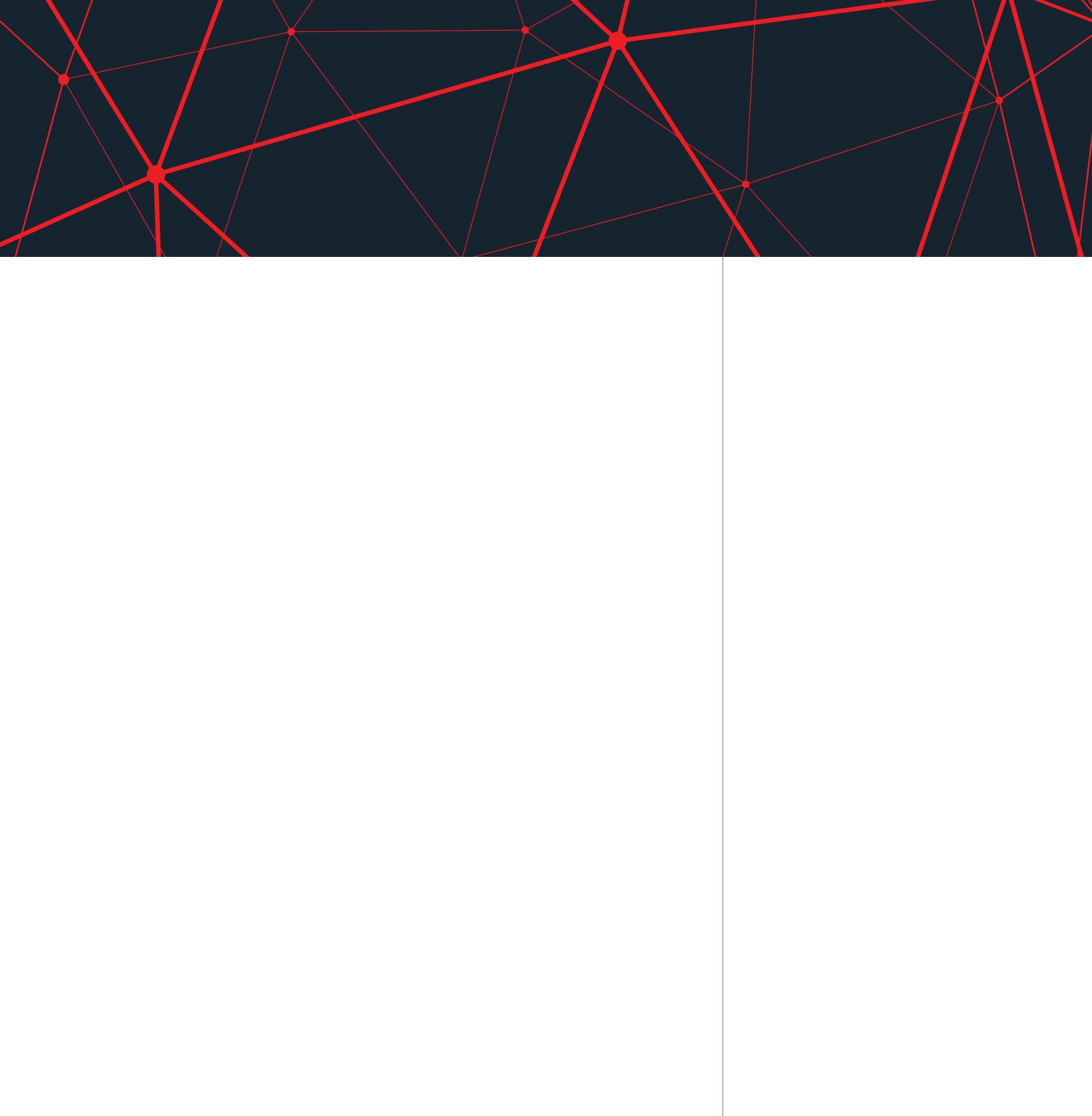
Configurable Audio Alarms on Object Detection



KEY FEATURES

- > Automated small object detection
- > Detection tracking
- > Real-time operation





VideoScout®-Insyte® Plus

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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