

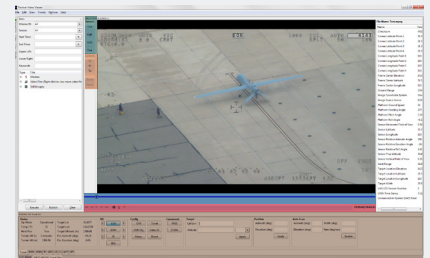
# VIEWPOINT™ HD NEXT GENERATION TACTICAL ISR

L3Harris Greenville offers the latest tactical full motion video technology for complete mission recording & management of video and data from high definition EO/IR gimbaled sensors. This powerful tactical ISR mapping and mission management software provides industry-leading capabilities including Motion Imagery Standards Board (MISB) compliant video recording and interfaces, industry-standard or mouse-enabled sensor control and full operational remote control and viewing, anywhere on the IP network. The IP network-based architecture enables rapid configuration, installation and operation.

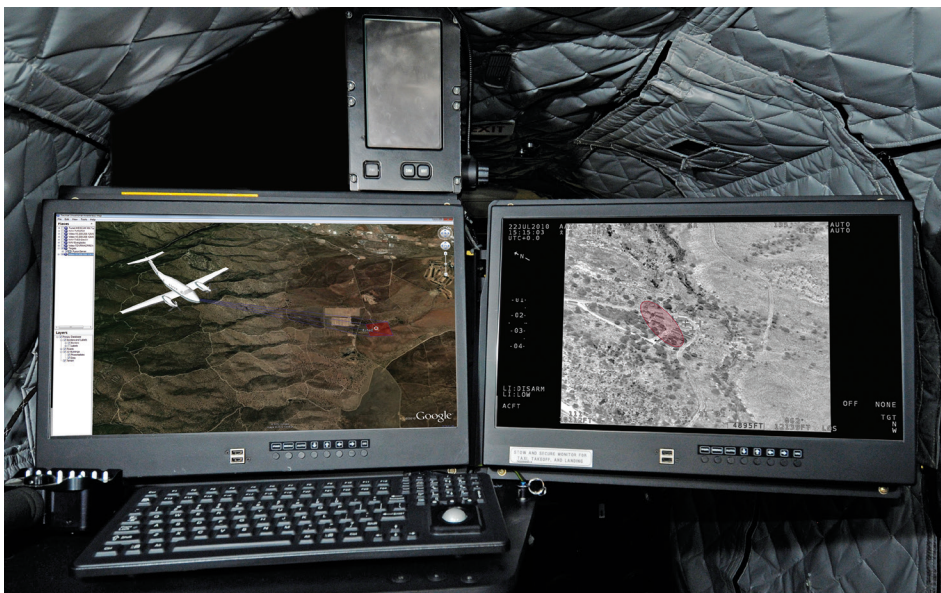
- > Real-time digital video (720p/1080p) viewing/record/playback with digital video recorder (DVR) controls
- > On the fly configuration of multiple windows and applications provide critical full spectrum situational awareness (SA) during no fail missions
- > Industry standard map interfaces including Cesium and ArcMap for design flexibility
- > Runs effortlessly on laptops and tablets with simplified carry-on integration or cockpit SA
- > Controls multiple EO/IR sensors on platform(s) or from one or more ground control stations
- > Generates and accepts metadata to enable critical targeting and SA streaming in real time
- > Full software control of multiple EO/IR sensor systems
- > Intuitive mouse controls reduces training, task to time and operator fatigue



## TACTICAL VIDEO VIEWER – FULL WINDOW



- Real-time Video Controls
- Real-time Sensor Controls
- Real-time DVR Controls
- Real-time Chip, Clip & Bookmark
- Detailed Sensor Management



## COMPONENT SPECIFICATIONS

### Tactical Digital Video Player

- > DVR control of live, or recorded HD video streams
- > Displays MISP compliant metadata
- > Provides snapshots in NITF 2.1, JPEG, TIF, GeoTIF, and BMP formats
- > Interfaces to industry standard maps including Cesium, ArcMap, and others
- > Full digital video player and simple video editor
- > Full EO/IR sensor control through direct user interaction with the video window or standard hand controller

### Tactical Digital Video Recorder

- > Accepts MISP compliant Transport Stream, MPEG2, MPEG 4 Part 2, H.264 and H.265 streams
- > Builds database records of metadata for each video chunk file
- > Provides SQL query interface to recall video data
- > Accepts snapshot files for database cataloging

### Tactical Target Manager

- > User-definable fields and categories
- > Pre-planned or mission entry of key targets for sensor cueing
- > Map and video display of targets based on selected criteria (e.g., range, priority)
- > Sensor cueing

### Sensor Control

- > Full control of L3Harris WESCAM and FLIR Systems, Inc. EO/IR sensors

### KLV 601.4 Transport Stream Encoder

- > Accepts MPEG 2, MPEG 4 Part 2, H.264 and H.265 streams with metadata; outputs MISP 5.4 compliant transport stream

### COT Manager

- > Accepts Cursor-On-Target messages for external target sources

## TACTICAL VIDEO VIEWER – INFRARED

