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FAST. FORWARD.

VIDEOSCOUT®-INSYTE®

Transceiver Control, Video & Imagery Collection and Exploitation Software

ACTIONABLE INTELLIGENCE

VideoScout®-Insyte® is the storage/retrieval, processing, exploitation and dissemination (PED) software that is also used to configure the VideoScout® products and WESCAM sensors to receive and transmit full motion video with associated audio, metadata and geo-positions.

VideoScout® Insyte® (Insyte®) is the software user interface to the VideoScout® family of receiver and transceiver hardware products. Insyte® provides controls for the receivers, transceivers, and smart antennas, including the capability to select reception and transmission directions, adjust receive attenuation and transmission power for optimal communications. Insyte® also provides comprehensive real-time video and image management capabilities for surveillance and intelligence gathering missions.

In a typical mission, Insyte® can connect to multiple simultaneous (encrypted or unencrypted) video transmissions from UAV, land, and maritime sensors. Insyte® displays and records the full motion videos (FMV) along with metadata. Insyte® can retransmit the incoming video, images, and metadata to other entities (e.g. command centers). Insyte® provides full digital video recorder (DVR) playback functionality to run post-mission analysis or stream in near real-time. Insyte® supports synchronizing a sensor's video with its relationship to the target in Google Earth™, FalconView® or other situational applications. Insyte® allows users to annotate and disseminate video clips and images by re-streaming them out over the Ethernet port or over the VideoScout® transmitter.

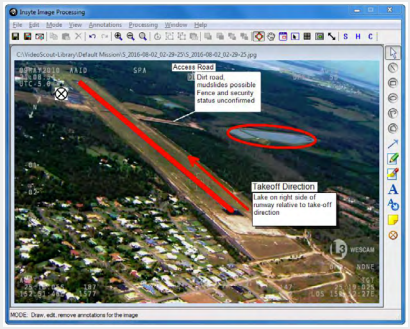
The supported video, image and streaming formats are compatible with industry standards for integration into existing C4ISR systems and intelligence networks.

SOFTWARE FEATURES

- Receive and process video, audio, and metadata from multiple analog and digital RF input sources, off-the-shelf capture devices, video library, and digital network streams (UDP/IP or RTSP). Embed audio and live metadata (e.g. location, date / time, and flight data) in KLV or CC formats.
- Provides user interface to configure receive and transmit communications of the supported VideoScout® systems.
- Supports AES and Type1 encryption / decryption.
- Capture and record simultaneous live video feeds at resolutions up to high-definition 1080p for all regional standards.
- Analyze live or recorded video using DVR functions to pause, zoom-in / -out, speed-up or slow-down the video while simultaneously watching the other real-time video windows to maintain situational awareness.
- On-display compass shows direction video sensor is pointing.
- Stream multiple simultaneous outbound videos to different destinations while still performing all DVR and live exploitation functions.
- Record and archive live video in native format and bit rate, selectively retaining embedded metadata and audio.

KEY FEATURES

- **Perform real-time analog and digital full-motion video image and data capture, dissemination, visualization, storage and markup**
- **Configure VideoScout® family of systems to receive and transmit video with associated audio, metadata and geo-positions**
- **Perform Radio Frequency (RF) Spectrum Analysis**
- **Perform Sensor Control**



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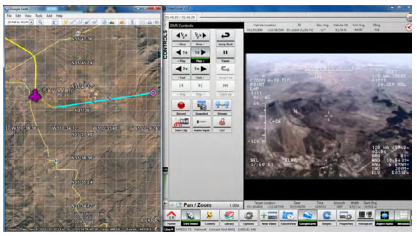
- Create NITF or JPEG digital snapshots in live or recorded mode.
- Create and store video and video snapshot images locally, on local networks, or on external devices.
- Search library (previously recorded videos) based on one or more search criteria (date & time, location, text fields) and filters (videos, clips and snapshots).
- Annotate imagery content using the drawing features.
- Annotate video with voiceover commentary that can be included for play-by-play storyboard.
- Supports configuring and sending Cursor-on-Target (CoT) messages and / or images at configured intervals over TCP/IP or UDP/IP for receipt and display on CoT applications.
- Find and analyze signals of interest using the Spectrum Analyzer feature.
- Watch the video synchronized with Google Earth™, FalconView® or other display applications to show the sensor and target over a map or imagery to become geographically oriented.
- Use optional Insyte® Plus to continuously detect and track small moving objects, providing audio and visual cues in land and maritime environments.
- Full control of L3Harris WESCAM sensors on vehicles, UAVs or ground via Insyte® sensor control feature.



VIDEOSCOUT® INSYTE® SUPPORT FOR STANDARDS

Minimum Operating System Requirements	Video Resolutions and Formats
Windows 10 or later	NTSC / PAL / SECAM
Supported Hardware Products	Resolutions up to 1080p (1920 x 1080)
VideoScout®-CM3	MPEG-2
VideoScout®-MC3	MPEG-4 Part 2
Smart-ExBeam® + Antenna Radio Adapter	H.264 (MPEG-4 Part 10) and H.265
MX-8, MX-10, MX-15, MX-20	JPEG & NITF Images
Video Streaming	MPEG Transport Stream over UDP/IP or RTSP
Video streaming at native content resolution (including selective audio and metadata, if present)	**Video Import/Export**
Transcoding H.264 or H.265 at multiple resolutions	Support for transcoding to AVI and WMV file containers for standard Windows Media Play support
UDP, MMS, RTSP, TCP	Support for bit-for-bit export based on source encoding (including metadata, if present)
Unicast or multicast distribution	Audio recordings can be retained or removed in exported clips
Advanced bit rate, resolution, and framing configurations for bandwidth limited /disadvantaged networks	Support for CoT, KML, KMZ, and UCI

VideoScout®-Insyte®

DoD, OSR approved for public release Case No. 15-5-1188 PN: 800-7501-001

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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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