Maximize productivity with powerful full motion video (FMV) media manipulation/management tools. Intuitive user interface enables the next-generation motion imagery experience, bringing advanced analytics to the desktop. From visual enhancement to georegistration, TacitView constructs interpretable metadata-rich media according to your workflow.

Integrate with Catalina® media server, used as a stand-alone application, or connected to other third-party software systems—TacitView offers a host of capabilities that transform imagery into actionable intelligence:

**Find and play back media**
Use keyword, metadata, geospatial, and temporal search criteria from a wide variety of sources including Catalina, network streams, imagery, files and intelligence libraries.

**Mark live or post-mission imagery**
Tags are easily identified in the imagery as well as the timeline, and annotations can be published to Catalina or used in derivative products.

**Manage your imagery data**
Use TacitView’s suite of processing tools to enhance and improve FMV with video stabilization and automatic contrast enhancement.

When combined with Catalina media server, TacitView provides georegistered imagery with improved metadata, enabling accurate real-world measurements from uncalibrated capture platforms.

With full support for standards-based file and metadata formats, TacitView makes it easy to deliver media products directly from the software to decision makers following certificate-based security protocols and methods.

**TacitView features:**
- Debanding
- Dehazing/Contrast Enhancement
- HEVC/H.265
- Mosaicking
- Multi-INT, Geospatial Visualization
- On-Screen Measurement Tools
- Report Generation/Product Creation
- Reticle™ Georegistration Integration
- Stabilization
- Super Resolution/Image Sharpening
## SPECIFICATIONS

### VIDEO
- MPEG-2/H.262
- MPEG-4/H.263
- AVC/H.264
- HEVC/H.265
- MP4
- AVI
- WMV

### COMMUNICATIONS
- TCP/UDP
- UDP Multicast
- Web Mapping Service (WMS)
- Cursor on Target (CoT)
- Google Earth (KML)
- Support for customer interfaces through Insitu Development Services
- IPv4
- IPv6

### IMAGE FORMATS
- NITF (MI-STD-2500C)
- STANAG 4545
- Bitmap, JPEG, PNG
- JPEG 2000
- TIFF
- GeoTIFF
- KML/KMZ

### GIS UTILITIES
- Digital Elevation Models – DTED/ SRTM/GTOPO30
- Coordinate Formats: Degrees-Minutes-Seconds / Degrees-Minutes-Decimal Seconds / Degrees-Decimal Minutes / MGRS / UTM / GEOREF / OSGB
- Four Corners Calculations

### STREAM FORMATS
- KLV (SMpte 338M-2001)
- Predator ESD
- Cursor on Target (CoT)
- MISB EG 0104
- MISB Standard 0601
- MISB Standard 0102
- MISB STD 1204
- MISB Standard 902
- MISB Standard 1010
- MISB Standard 1107
- STANAG 4609
- MISB Standard 604
- JPEG2000
- NITF
- NSIF
- GeoTIFF
- KMZ

### AUDIO
- MPEG-2 (MP2 and MP3)
- AAC

### ARCHITECTURES
- Windows

### LICENSABLE FEATURES

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### SOFTWARE FEATURES

#### Baseline
- View video streams, files, and still images with embedded metadata. Generate clips from video streams or files in MPEG-2 (H.262), MPEG-4 (H.263), AVC (H.264), or MP4 (AVC/H.264) formats. Create secondary imagery products from video streams, files, and still images in JPEG, PNG, or BMP formats to remove metadata from output products. Export to JPEG2000, NITF, NSIF, GeoTIFF or KMZ format to preserve metadata in output products.

#### Annotation
- Enables the creation of image-referenced and geospatial-referenced annotations and user-defined tags (bookmarks) to be added to motion imagery or still imagery.

#### Catalina Connector
- Enables discovery, subscription, and publishing of media, annotations, and tags to a specified Catalina Server. Also enables access to advanced Catalina Server features if licensed: Video Mosaicker, 3D Reconstruction, Reticle RT, and Reticle TGT.

#### Change Detection
- Utilizes cutting edge computer vision and machine learning algorithms to automate and streamline change detection at a specified location. Helps users identify changes by searching archived motion imagery from a connected Catalina server. Can be applied to live or existing archives.

#### Customer Plug-ins
- Allows customers to build custom plug-in functionality into TacitView using the TacitView API.

#### GEOINT Viewer powered by LuciadLightspeed
- Enables geospatial visualization of video, still images, annotations, etc., on a 3D Globe for enhanced situational awareness.

#### HEVC Codec
- View video streams and files in HEVC/H.265 format. With Product Creation license, enables the creation of compilation video products consisting of multiple still images, slides and other video clips into HEVC/H.265 format.

#### Local On-Screen Metadata Editor
- Enables on-screen metadata imprinting, on-screen metadata redaction, and on-screen OCR of metadata within TacitView.

#### Local Archive
- Enables a basic Catalina installation to operate with a TacitView instance, operating on the same machine.

#### NATO CSD Plugin
- Allows TacitView to publish to and ingest, query and retrieve products from a NATO CSD.

#### Product Creation
- Enables the creation of compilation video products consisting of multiple still images, slides and other video clips into MPEG-2 (H.262), MPEG-4 (H.263), AVC (H.264), MP4 (AVC/H.264) and/or WMV formats. Additionally enables automated creation of PowerPoint presentations.

#### Report Generation
- Enables rapid generation of RecceXrep reports in compliance with STANAG 3377 Annex B consisting of multiple still images, slides and other video clips into HEVC/H.265 format.

#### Still Image Georectification
- Enables the manual addition of geographic information of a single image derived from still or motion imagery. Requires TacitView Baseline and TacitView GEOINT Viewer.

#### Still Image Mosaicking
- Builds orthomosaic mosaics from a series of related still images. Leverages embedded camera position data (EXIF or an accompanying XML file) to optimize the geospatial accuracy of the orthomosaic.

#### Visual Enhancements
- Improves visualization of imagery through debanding, dehazing, contrast enhancement, stabilization, sharpening, and super resolution features with motion imagery. Also creates short clips using the Parallax visualizer.

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**TacitView**

Media Exploitation Tool

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