TacitView™ Licensed Features

KEY FEATURES
- Baseline
- Annotation
- Catalina Connector
- Customer Plug-ins
- GEOInt Viewer
- Product Creation
- Still Image Georectification
- Still Image Mosaicking
- Visual Enhancements
- Local On-Screen Metadata Editor
- Local Archive
- 3D Reconstruction
- Parallax Visualizer

Baseline
View video streams, files, and still images with embedded metadata. Generate clips from video streams or files in MPEG-2, H.264, or MP4 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.

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

GEOInt Viewer
Enables geospatial visualization of video and still images within a 3D Globe to help provide situational awareness.

Product Creation
Enables the creation of compilation video products consisting of multiple still images, slides and other video clips into MPEG-2, H.264, and/or WMV formats. Additionally enables creation of PowerPoint presentations in an automated fashion.

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 orthoimage 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 orthoimage.

Visual Enhancements
Improves visualization of imagery through debanding, dehazing, contrast enhancement, stabilization, and super resolution features with motion imagery.

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

Local Archive
Enables a Catalina installation to operate with only a TacitView instance installed on the same machine.

3D Reconstruction
Optional feature that allows the reconstruction of 3D point clouds, meshes and textured models from still or motion imagery with or without metadata. Available metadata is used to geolocate and scale the resultant model for easy export to popular geographical information systems. (Requires Catalina)

Parallax Visualizer
Optional feature that generates clips that alternate the aligned images at the appropriate frequency to make the image appear in 3D. This capability provides better contextual awareness of the scene by utilizing the user’s ability to process parallax with stereo vision.