

www.geointel.nga.mil/product_type/software_list.html#g3

www.nga.ic.gov/product_type/software/u_gv_3_0_imagery_viewer.html
www.nga.smil.mil/product_type/software/u_gv_3_0_imagery_viewer.html

web1.rome.ic.gov/mvie

http://adam-sun.atmc.af.smil.mil/gv3.0

API & Integration Agreement Available

KLV Metadata Processing

Full Motion Video Support (SD & HD, MPEG-2 & H.264)

NGA ITC Certified to Field

JITC tested for MISB Compliance

JITC NITF C Level 7 Certified

Available at no cost to DoD & DoD Contractors

GV3.0TM

Full Motion Video Viewer (FMV)



Lightweight, Deployable FMV Viewer
for the Warfighter

GV 3.0TM

Image Viewing:

- Brightness/contrast/sharpness adjustment
- Overlay graphics generation & manipulation
- Automated target graphic product generation
- NITF 2.1, 2.0, 1.1, JPEG2000, TIFF, JPEG, IMG
- Shape & text annotations
- Geo-location & measurement
- Multi-image visualization
- Zoom
- Spectral analysis
- Image layer burn-in

Motion Imagery:

- MPEG-2, H.264, standard & high definition
- Brightness & contrast adjustment
- NITF & AAF encapsulation & export
- Real-time streaming client (with multiple streams)
- Supports Wide Area Persistent Surveillance(WAPS)
- Video clip concatenation
- Frame coding & extraction
- Real-time video annotation
- KLV (key-length value) parsing
- Video tracking
- Slicing & Cropping
- Video mosaic creation
- Motion JPEG2000

NITF Editing & Product Support: GV 3.0 supports the viewing & editing of NITF (1.1, 2.0, & 2.1) metadata (both header & image metadata) & the generation of NITF 2.1 products by encapsulating imagery, imagery products (chipping with ICHIPB, target graphics, annotations, etc.), video mosaics, & video frames within NITF.

Supported Platform: GV 3.0 is a Java-based platform independent viewer. There are numerous installations and portable versions on Windows systems.

- Supports 3rd party plug-ins
- Integrated with the Common Geopositioning Service (CGS)
- Included in the Integrated Exploitation Capability (IEC)

Licensing: GV 3.0 is a licensed product. A single user license is available for FREE for US Government & approved contractors.

Enterprise Licenses available upon request



Powerful. Fast. Easy. Free.