

# GV3.0<sup>TM</sup>

Full Motion Video Viewer  
(FMV)

Lightweight, Deployable FMV Viewer  
for the Warfighter



# GV 3.0<sup>TM</sup>

## ***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.**

Available at no cost to DoD & DoD Contractors  
JITC NITF C Level 7 Certified  
JITC tested for MISB Compliance  
NGA ITF Certified to Field  
Full Motion Video Support (SD & HD, MPEG-2 & H.264)  
KLV Metadata Processing  
API & Integration Agreement Available

<http://adam-sun.afmc.af.smil.mil/gv3.0>

[web1.rome.ic.gov/mivie](http://web1.rome.ic.gov/mivie)

[www.nga.smil.mil/product\\_type/software/u\\_gv\\_3\\_0\\_imagery\\_viewer.html](http://www.nga.smil.mil/product_type/software/u_gv_3_0_imagery_viewer.html)

[www.nga.ic.gov/product\\_type/software/u\\_gv\\_3\\_0\\_imagery\\_viewer.html](http://www.nga.ic.gov/product_type/software/u_gv_3_0_imagery_viewer.html)

[www.geointel.nga.mil/product\\_type/softwareList.html#gv3](http://www.geointel.nga.mil/product_type/softwareList.html#gv3)

[geoint-online.nga.mil/ProductsServices/Software/Pages/GV%203.0%20Imagery%20Viewer.aspx](http://geoint-online.nga.mil/ProductsServices/Software/Pages/GV%203.0%20Imagery%20Viewer.aspx)