

## Feature Comparison Table

GV FEATURES	GOTS	SDK Toolkits	
	GV 3.0	Gv <sup>2</sup> F	GvRaster
<b>Video Standards</b>			
MPEG-2, MPEG-4	X	X	
H.264	X	X	
Motion JPEG 2000	X	X	
AVI, MOV	X	X	
MPEG-2 Audio (Part 3)	X		
Mosaic creation, tracking & slicing	X		
<b>Stream Reading Formats</b>			
MPEG-2 Program	X	X	
MPEG-2 Transport	X	X	
<b>Stream Writing Formats</b>			
MPEG-2 Program & Transport		X	
<b>Metadata</b>			
SMPTE 336M-2001	X	X	
Predator ESD	X	X	
Cursor on Target (COT)	X		
MISB EG 0101.5 (Predator AV Basic)	X	X	
MISB 0601.3 (UAS Data Link Local)	X	X	
MISB 0102.5 (Security Metadata)	X	X	
MISB EG 0903 (Video Moving Target Indicator)	X	X	
MISB RP 0808 (Ancillary Text)	X	X	
Synchronous Metadata (RP 0604)	X	X	
KLV Encode Raw Telemetry	X	X	
<b>Annotation</b>			
MISB RP 0602.2	X	X	X
MIL-STD-2525B	X	X	X
<b>Image Formats</b>			
NITF, NSIF (MIL-STD-2500C)	X		X
AAF, ISR	X		
BMP, PNG	X		X
CADRG/CIB	X		X
DOQ	X		
DTED	X		
JPEG	X		X
JPEG2000	X		X
GeoTIFF	X		X
LANDSAT	X		X
SID (MrSID 7.0)	X		X
<b>Image Layout</b>			
RGB	X		X
YUV	X		X
Image Layer Insertion & Extraction	X		X
Chipping / Cropping	X		X



### Feature Comparison Table

Communications			
JPIP	X	X	X
RTP/RTSP	X	X	
TCP (SDP, HTTP)	X	X	
UDP Unicast	X	X	
UDP Multicast	X	X	
Programming APIs (Bindings)			
Plug-In Interface	X		
Java		X	X
C++		X	X
C#		X	X
Android OS		X	X
Apple iOS (Q4 2012)		X	X

**Note:** GV3.0 is a Government of the Shelf (GOTS) application that is available to US DoD personnel and authorized contractors at no cost. (<http://www.gv30.net>)

PAR also provides commercial applications built on Gv2F to get your project up and running quickly.

GVMP – Full Motion Video with KLV metadata on Android smartphones and tablets

GVWatchTool – Lightweight, Deployable FMV Viewer built on Gv2F.

GVInstantView – Real-time Streaming playback of Digital Full Motion Video feeds