



Imagery courtesy Digital Globe

One of the biggest challenges government organizations face today is efficient access to geospatial-intelligence in the field. Field personnel are typically not trained in the geospatial sciences. However, they need the capability to view, understand and work with georeferenced maps and images.

TerraGo® Technologies geospatial collaboration software and GeoPDF® maps and imagery are among the most widely adopted solutions to produce, access, update and share geospatial information with anyone, anywhere. The TerraGo Publisher™ solution gives organizations using BAE Systems' SOCET GXP software remote access to GeoPDF maps and imagery. This enables field workers to update and share mission-critical geospatial intelligence.

By extending the access and application of imagery assets, TerraGo Publisher helps organizations realize a greater return on their high-resolution imagery investment, and delivers current intelligence to remote users and decision-makers. In addition to imagery, GeoPDF products generated with TerraGo Publisher for SOCET GXP contain feature attributes, analyst annotations and other information. Those with little or no GIS training can then work with this information using the no-cost TerraGo Toolbar and Adobe Reader products.

Key Features and Benefits

Extended Distribution

- SOCET GXP is used for advanced imagery analysis and geospatial analysis
- Mission-critical geospatial intelligence derived from SOCET GXP can be saved in GeoPDF maps
- Access, catalog and manage GeoPDF maps and imagery with BAE Systems' GXP Explorer™ data management software
- GeoPDF maps and imagery are distributed to users in the field
- Any user with Adobe Acrobat access can view and interact with GeoPDF products created using TerraGo Publisher for SOCET GXP

Comprehensive Format Support

- SOCET GXP image products exported in a GeoPDF map or image contain multiple data layers
- The source imagery contained in the file is tiled and compressed in JPEG format

- Depending on the data source, users typically see a 30:1 compression ratio with little effect on image quality

Broader Compatibility

- Generate GeoPDF maps and imagery from more than 3,000 source coordinate systems with TerraGo's enhanced projection engine, which is embedded in SOCET GXP

With TerraGo Composer™, GeoPDF products are used for advanced geospatial collaboration, including the creation of comprehensive GeoPDF MapBooks and other geospatial applications that easily integrate into an organization's unique business context and workflow. TerraGo Composer can make georeferenced annotations and share real-time updates more effectively with peers in the field or other analysts. The georeferenced markups can be sent back to SOCET GXP to help update the geospatial database and to give decision makers up-to-the-minute intelligence.

The TerraGo Publisher for SOCET GXP solution is currently being used by some of the world's largest image providers, including the National Geospatial-Intelligence Agency, United States Army Geospatial Center, United States Geological Survey, GeoEye and 3001/Northrop Grumman.

About BAE Systems

BAE Systems Geospatial eXploitation Products™ (GXP®) is a global provider of commercial and government off-the-shelf software for image analysis, geospatial production, mapping, 3-D visualization, photogrammetry, and data management. GXP develops powerful software tools that are used to deliver highly accurate geospatial and intelligence data.

About TerraGo Technologies®

*TerraGo® Technologies geospatial collaboration software and GeoPDF® maps and imagery are among the most widely adopted solutions to produce, access, update and share geospatial information with anyone, anywhere. TerraGo solutions enable enterprises to extend and exchange georeferenced maps, imagery, audio, video and other intelligence in online and disconnected environments. Trusted by thousands of government agencies and businesses throughout the world, TerraGo solutions increase the return on geospatial investment through greater organizational efficiency, productivity and responsiveness. **For more information, visit www.terragotech.com.***



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