

# GXP WebView®

Rapid visualization and analysis of geospatial data, enabling the development of actionable intelligence



A web browser-based Electronic Light Table (ELT) enabling image exploitation, aggregation and overlay of supplemental data layers, and robust product generation coupled seamlessly with GXP Xplorer® data discovery and management capabilities.

## Stream, exploit, and publish

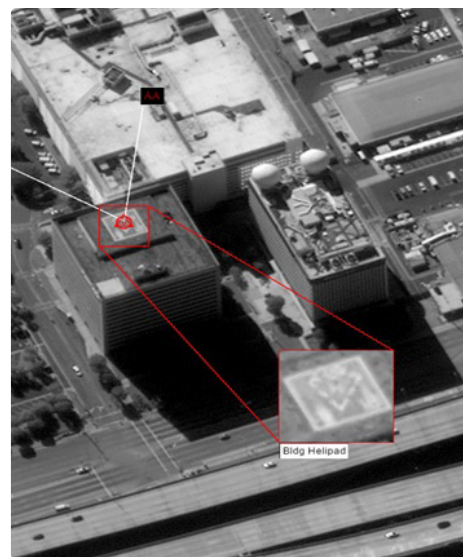
Built for both the all-source and image analyst, GXP WebView® software supports simple, accurate data visualization and analysis, as well as the development of effective and actionable geospatial reports.

Taking full advantage of comprehensive pixel streaming technology, GXP WebView software enables imagery to be streamed at full resolution and with complete metadata to support rigorous sensor model initialization. Analysts can take advantage of this best-in-class accuracy with tools for height mensuration, shadow measurement, and more, while elevation data can be automatically loaded to ensure accuracy in all three dimensions.

GXP WebView product generation can be customized using templates to provide contextual information, and a variety of output formats are available including Microsoft PowerPoint®, PNG, JPG, and more. Products can be shared out via GXP Xplorer software for rapid intelligence distribution to key stakeholders.

## GXP WebView for targeting

GXP WebView delivers a web-based targeting application that streamlines the mensuration process while leveraging Common Geopositioning Services (CGS) for the derivation of coordinates and estimates of error. This add-on capability enables targeteers to efficiently complete their tasks with full confidence in derived calculations and mission results.



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Observation of facility construction over time: Imagery courtesy of Pleiades © CNES 2013 & 2016 Airbus DS Geo GmbH (1&3) and Maxar WorldView-1 and WorldView-3 2014 & 2017 (2&4)

## Key capabilities

- » Imagery layout options including viewing up to four linked panels, virtual mosaics, and image lists that allow animation between layers
- » Annotation tools (points, lines, polygons, text boxes, etc.)
- » Precise coordinates including elevation derived from rigorous sensor models
- » Support for a variety of coordinate systems including geographic, Universal Transverse Mercator (UTM), and Military Grid Reference System (MGRS)
- » Range / bearing and bracket mensuration tools
- » Object and shadow height measurement
- » Save / restore workspaces
- » Geospatial layer management including graphics, images, and Open Geospatial Consortium (OGC®) layers
- » Customized templates for efficient product creation
- » Product publishing to a variety of output formats and destinations including the GXP Xplorer catalog, PowerPoint, and KML

Integrated with the GXP Xplorer search capability, GXP WebView software provides the functionality to analyze and exploit imagery for detailed reporting and publication of finished GEOINT products.



Imagery courtesy of National Oceanic and Atmospheric Administration (NOAA).

GXP WebView, and the entire GXP product ecosystem, is utilized by both all-source and image analysts at organizations across the world:

- » Defense forces, intelligence agencies, and homeland security
- » Universities and research organizations
- » Systems integrators
- » State, local, and regional governments
- » Photogrammetry, mapping, and surveying agencies
- » Transportation departments
- » Natural resource management consultants

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