# Esri GIS in the GXP® Ecosystem

A powerful geospatial collaboration to enhance collection, analysis, and sharing for mission advantage

BAE Systems' Geospatial eXploitation Products™ (GXP®) software delivers the industry's most advanced geospatial the highest quality geospatial exploitation and analysis. Esri® maps the world as the premier geographic information system (GIS). Together, GXP and Esri empower analysts to efficiently collect, process, correlate, and interpret geospatial data for mission critical decision-making.

***Transform raw data into actionable insights by pairing GXP and Esri***

### *SOCET GXP® collection and analysis*

Connect SOCET GXP software directly to your Esri geodatabase using SEE for collection and updates.

### *Esri-first feature collection*

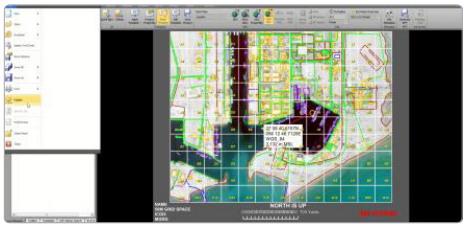
Link ArcGIS® Pro and SOCET GXP apps using SOCET for ArcGIS (SFA) to rapidly collect 2-D and 3-D features.

### *OGC and REST collaboration*

Securely stream OGC® and RESTful web services bi-directionally between Esri and GXP Ecosystems.

## Leverage GXP and Esri together

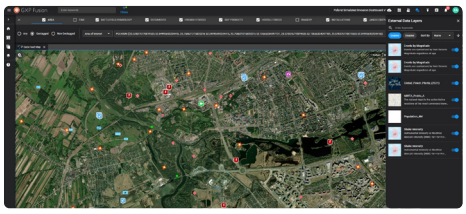
GXP and Esri combine to enable mission-critical decision advantage by accelerating analysts' geospatial collection and analysis workflows through seamless data visualization, advanced spatial reasoning, and enhanced intelligence gathering. Shared visualization tools provide intuitive geospatial capabilities across multiple interfaces, including ArcGIS Pro, ArcGIS Online and Enterprise, SOCET GXP, and the entire GXP Xplorer® Platform.



*Report generated in SOCET GXP software with Esri feature layers, published to Portal for ArcGIS*

## Collaborate across your enterprise

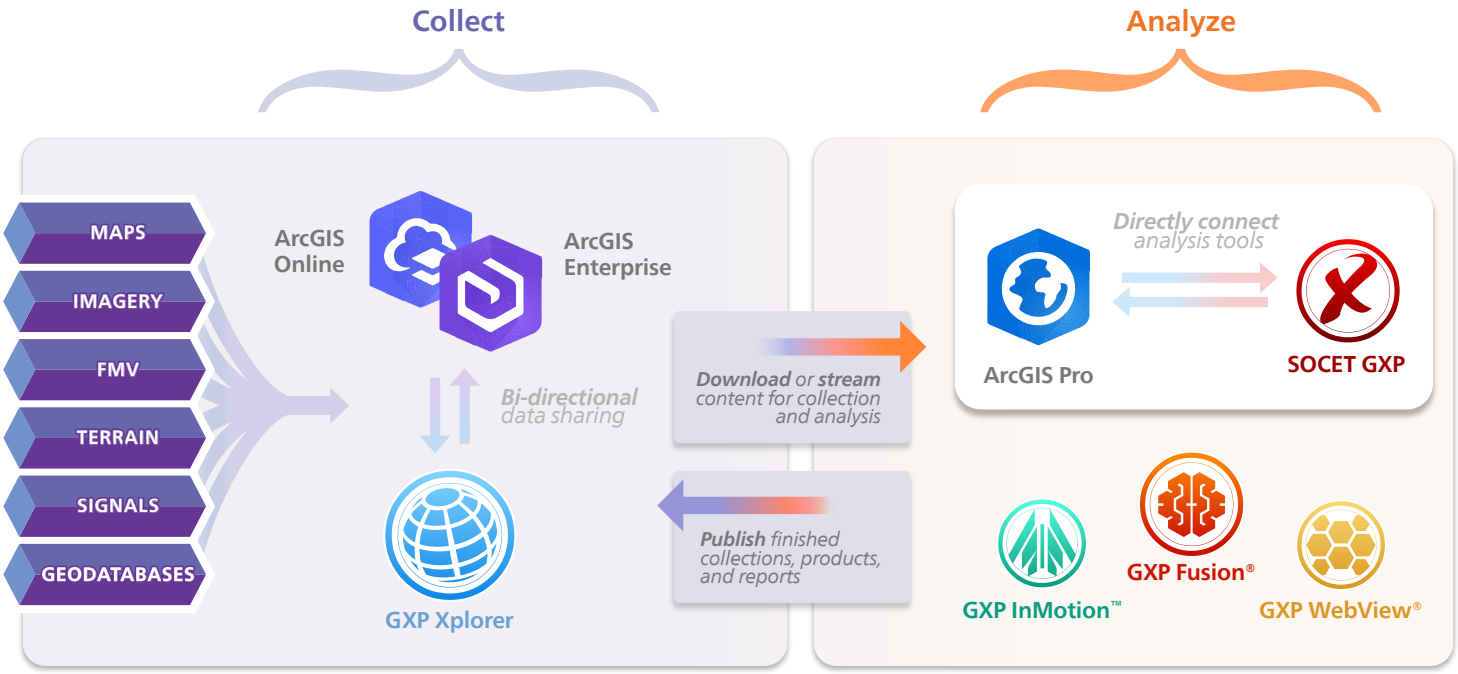
The GXP Ecosystem eliminates data barriers by natively supporting a wide range of Esri geospatial formats and services, including shapefiles, ArcGIS REST services, and enterprise geodatabases. Seamless data ingestion across multiple platforms provides intelligence analysts with comprehensive access to diverse spatial information sources.



*Securely connect to Esri feature services for enhanced pattern of life analysis.*

## Rapidly publish intelligence to your community

GXP solutions leverage Portal for ArcGIS® to streamline product sharing and collaborative intelligence workflows. Advanced publishing capabilities like Structured Observation Management (SOM) dual publishing and secure feature service integration enable efficient distribution of geospatial products across enterprise environments.




*GXP and Esri – a complete data collection and analysis ecosystem*

## Interoperability no matter where you work

### Spatially Enabled Exploitation

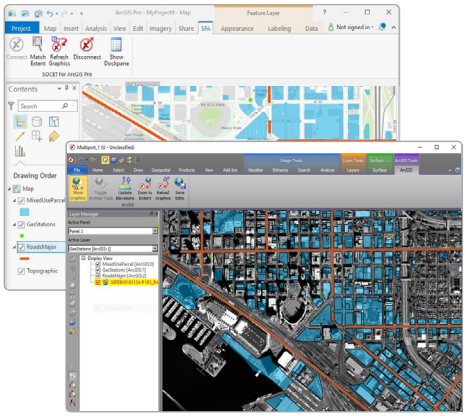
Enhance geospatial workflows with SOCET GXP's Spatially Enabled Exploitation (SEE), which brings the breadth of Esri geodatabase content directly into the SOCET GXP photogrammetric environment. SEE allows analysts to access GIS layers, perform spatial queries, and apply geoprocessing tools without leaving SOCET GXP's high-precision imagery exploitation interface. This integration preserves the accuracy of BAE Systems' photogrammetric technology while expanding analytical capabilities through seamless access to enterprise GIS resources.

### SOCET for ArcGIS

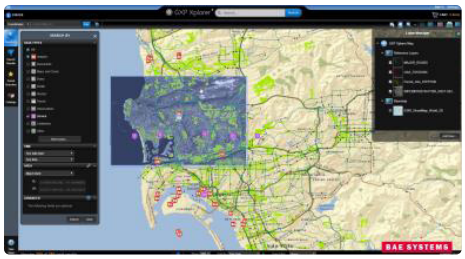
SOCET for ArcGIS delivers BAE Systems' industry-leading photogrammetric capabilities as a fully integrated extension within the ArcGIS Pro environment. Analysts gain access to precision mensuration, terrain generation, and feature extraction in either tool with direct app linking, maintaining their established GIS workflows. SFA enables organizations to streamline their geospatial intelligence production by combining the strengths of both platforms in a flexible, user-friendly integration.

### Esri services in the GXP Xplorer Platform

The GXP Xplorer Platform catalogs and geospatially visualizes shared Esri maps and feature services (including Observations and symbology), and writes content back to Esri to close intelligence loops and avoid data-disagreement pitfalls from multiple data stores. SOCET GXP goes a step further with support for map, image, and feature services. Across the entire platform, OAuth2 identity integration ensures security when connecting to protected Esri services and sharing geospatial insights, bi-directionally.



*Collect and visualize features side-by-side in ArcGIS Pro and SOCET GXP*



*Catalog and visualize Esri layers and content across the GXP Xplorer Platform*

*Scan to learn more or request a live demo of GXP software solutions!*

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