



Market: Intelligence

Customer: Office of Secretary of Defense

Problem: The Client was responsible for data collection and analysis of human and signals intelligence for a foreign nation of interest. Data existed in a wide range of file formats across disparate databases. The client needed a better way to make decisions and compile reports to replace their “brute force” approach for analyzing new hypothesis and theories. Furthermore, no framework existed to capture information for historical use and in most cases, reports were kept in a presentation tool such as PowerPoint.

Solution: Bridgeborn developed an Analyst Toolkit which used Service Oriented Architecture, web-services and Bridgeborn’s expertise at ETL-V© to create a dynamic, interactive 3D dashboard to aide in decision support. The dashboard used a geospatial (map-view) Graphical User Interface (GUI) as well as more traditional reports such as Microsoft Excel, giving the customer multiple views of data from disparate data sources. The data sources used in the dashboard included satellite imagery and elevation data as well as critical human and signals intelligence. This included geolocation information (i.e. lat/long, GPS/GIS etc.) and was shown on the GUI with historical analysis capabilities aiding in pattern recognition and trend analysis over time. Additionally, “drill-down” capabilities provided access to critical source data.

Value to Client: Bridgeborn’s Analyst Toolkit Solution provided the customer with a reusable framework for gathering, displaying and performing analysis on intel data. By displaying complex data from multiple data sources through an intuitive, 3D dashboard, the client was able to more quickly and easily recognize patterns and trends – and consequently make better, more informed decisions. This capability saved both time and money as analysts spent more time making decisions and less time managing their data. Bridgeborn’s advanced reporting capabilities also provided senior leadership with unprecedented levels of visibility into and across their data.

Services Provided	
✓	Analysis
✓	SDE&I
✓	Data Visualization
✓	Support Services
	Training and Education
✓	Research and Development

