



Market: Intelligence

Customer: US ARMY G2

Problem: US ARMY G2 needs a solution to make decisions on extensive collections of Department of Defense Architecture Framework (DoDAF) data. The Client also needs to provide DoDAF community with a better understanding of complex architectures in terms of broader relevancy to defense planning, operations, and tactics.

Solution: Bridgeborn is developing a comprehensive Architecture Visualization and Analysis (AVA) solution for a service-leading DoDAF community. Using Extract, Transform, Load, and Visualize® (ETL-V), Bridgeborn is connecting DoDAF data with other relevant data extracted from mission threads, operational use cases, simulations, and portfolio management models. Using robust XML technologies and lightweight programming in a Rapid Application Development (RAD) environment, AVA connects ETL outputs to digital dashboards and presentation media. These visualization solutions can be derived directly from “ground truth” sources in secure online and offline situations (SIPRNET, JWICS, detached SCF). The result is a solution that allows the client to present DoDAF data to a broader community (non-DoDAF experts) and use that information in a collaborative environment.

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



Value to Client: Bridgeborn’s AVA provides decision makers with “at-a-glance” visibility into workings of complex service organizations, systems, dependencies, and requirements, as well as “drill down” capabilities to data required for verifying and validating decisions. This capability reduces time needed to understand DoDAF data and will greatly increase leaders’ ability to quickly and accurately make decisions.