



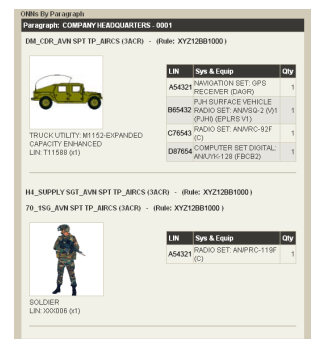
**Market:** Defense

**Customer:** US Army, Architecture Integration Management Directorate (AIMD)

**Problem:** US ARMY Architecture Integration Management Directorate (AIMD) has the mission of integrating operational architectures with ARMY doctrine. These operational architectures include Tables of Organization and Equipment (TOEs) as well as relationships among - and use cases for - organizations and equipment. AIMD hosts over 600 operational architectures. Recognizing the value in these Architectures, AIMD wanted to repurpose this data for better and more efficient reporting and analytics.

**Solution:** Since January 2008, Bridgeborn has worked with Army CIO/G6 Architecture Integration Center (AAIC) on a feasibility study focused on developing an enterprise solution for data driven, interactive reporting and analytics for Army enterprise architectures, including those modeled under Department of Defense Architecture Framework (DoDAF). This work has yielded a reusable framework referred to as the Architecture Visualization and Analysis (AVA) solution. Based on the support of ARMY CIO, Bridgeborn was tapped by AIMD to provide surge capacity to transition the feasibility outcomes to an operational System of Record (SOR). Working in this capacity, Bridgeborn's in-house IT staff focused on the surge effort providing high end IT production capabilities as part of a quick turnaround deliverable using our Rapid Application Development (RAD) methodology. Bridgeborn's solution started with implementing a process to extract, transform and load operational architecture data through web services thereby making the data vendor-neutral and highly portable for any application or purpose. Bridgeborn then transformed the data outputs of these web services into a rich, interactive reporting application. As part of the solution, Bridgeborn also developed requisite domain terminology, sequence charts and interactive views of architectures at both the Operational View (OV) and Systems View (SV).

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



**Value to Client:** Working as a trusted advisor to AIMD, Bridgeborn was able to quickly and efficiently provide AIMD with automated reporting tools including critical capability gap and redundancy analysis. The result is that the decision making process is more effective and efficient, which saves time, money and resources. Additionally, this effort represents a successful transition of a feasibility assessment conducted by AAIC to a System of Record maintained by AIMD.