Case Studies

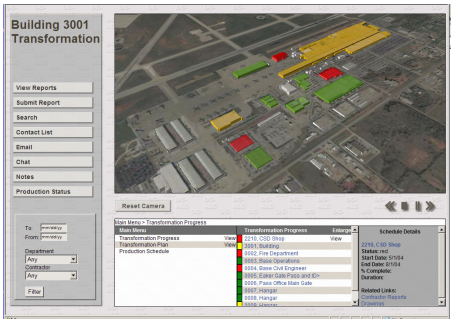
Market: Defense

Customer: US AIR FORCE - Oklahoma City Air Logistics Center

Problem: The Client was responsible for managing the overhaul of key manufacturing and repair lines at Tinker Air Force base as they were transformed from traditional line manufacturing to Lean / 6 Sigma manufacturing. The project was scheduled to take 5+ years, cost in excess of $250MM and included Government employees and countless contractors and support teams. Further complicating the project, critical data sets including CAD assets and status reports were kept in over 14 different data sources.

Solution: Bridgeborn developed the Virtual Management Environment© (VME) - a web-based solution for managing, tracking and coordinating progress on multiple, concurrent, time sensitive contracts. Leveraging Bridgeborn's skills in SOA, web services and ETL-V©, Bridgeborn created a reusable framework that could represent multiple data sources (ranging from blue prints and CAD assets to standard relational database information) through a dynamic digital dashboard. The reporting mechanism in the dashboard used an intuitive "stoplight" metaphor to show progress mapped against a 3D, aerial photo of the AF base. The buildings and cells within the dashboard connected to multiple data sources and gave the client a single view of the project and its status. Additionally, "drill down" capabilities allowed the client to use the VME to support high level decision making as well as access critical source data.

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



Value to Client: The Virtual Management Environment© provided the user with an effective decision support solution that saved both time and money. The solution gave management and decision makers a single, intuitive reporting mechanism that pulled data from all relevant data sources, empowering them to make good, educated decisions quickly and easily. Additionally, web-delivery promoted collaborative use and alleviated "stove-piped" data and decision making that existed previously.

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