

SUCCESS STORY

TOPIC NUMBER: J201-CS01

SBIR INVESTMENT: \$50,000

PHASE III FUNDING: \$2,102,653



VISIONEVERYWARE (VIEW): AN ENTERPRISE ALIGNMENT AND DECISION-SUPPORT VISUALIZATION ENGINEERING TOOL

IT Cadre LLC developed VisionEveryWare (ViEW), an analysis software system that improves a project's strategic alignment by providing feedback for stakeholders through digital visualization.

IT Cadre LLC

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THE CHALLENGE

Seeking commercial technologies that could easily and quickly be adapted to defense applications with little expense, the DoD posted an open topic inviting industry to submit technology solutions that meet defense needs and benefit the warfighter. A data analysis tool that provides strategic alignment for an organization or project was one of the technologies of interest.

THE TECHNOLOGY

IT Cadre developed VisionEveryWare (ViEW), an innovative software that assists senior leaders with strategic alignment and execution of their strategy and vision. ViEW is realized in three stages. The first stage, team-sourcing, occurs once a leader is comfortable with a draft of the project's current state, future state or roadmap. IT Cadre then makes ViEW accessible to a set of stakeholders indicated by the leader. The leader and stakeholder will first see the whole picture; next, the segments and siloes; how each part depends on each other; and finally, their neighborhood in a larger map. Everyone involved can provide feedback and identify missing information or information in the wrong place. In the second stage, deep alignment, IT Cadre creates an updated ViEW for stakeholder communication. In the final stage, observe and update, IT Cadre issues periodic reminders to stakeholders to review and provide feedback to update the future state, roadmap or other visualization based on new information.

THE TRANSITION

IT Cadre was awarded a Phase I SBIR award by the Air Force for the application of a software tool to provide senior leaders with visualization of data analytics for talent management, gaps, redundancies, and outdated education and training resources. The technology was adapted by the F-35 Lightning II Joint Program Office (JPO), as the F-35 JPO is transitioning from the Autonomics Logistics Information System (ALIS) to the Operational Data Integrated Network (ODIN).

Naval Air Systems Command (NAVAIR) awarded IT Cadre a firm fixed price contract under Phase III of the Small Business Innovation Research (SBIR) program for the ALIS to ODIN Transition Visualization Diagram and Roadmap. This visualization diagram and roadmap supports the transition from ALIS to ODIN for the Navy's next generation stealth multi-role fighter aircraft.

THE NAVAL BENEFIT

ViEW combines operations and systems and visually displays the effects that the changes in one element have on others, which allows informed decision making. ViEW is an agile technology that provides real-time feedback for end-to-end users, allowing changes to be made quickly. Leaders and stakeholders see the enterprise the same way so shared understanding, agreement and commitment are possible. Overall, this allows users to focus on shared goals.

THE FUTURE

IT Cadre's visualization systems are used by commercial, education and government customers. IT Cadre has worked with a government service to migrate their enterprise services to the cloud. Additionally, IT Cadre has worked with a county's Economic Department of Development to develop a current state visualization based on its operational and economic data.