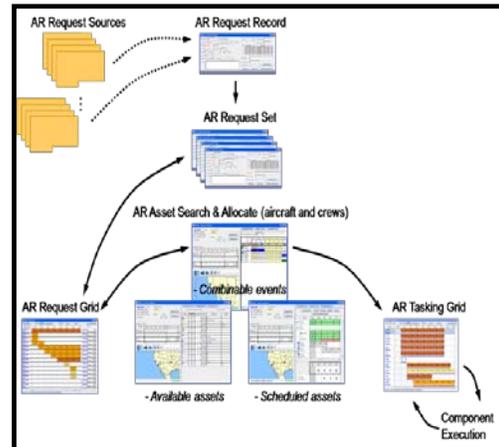




USTRANSCOM Science and Technology

Support Planning for Air Refueling Tasking and Allocation (SPARTA) Enhancement and Integration

Project Summary: A two part project that will; (1) Enhance the existing SPARTA tool with additional high leverage capabilities and mature it to enable integration into the Joint Deployment and Distribution Enterprise as a User Interface (UI), and (2) Conduct a study to determine if the SPARTA services concept can be beneficially adapted and applied to other similar work environments and estimate the anticipated benefits (if any) of doing so. The proposed SPARTA enhancements and maturation addresses multiple DPO gaps, operational challenges and JDDE capability requirements including: Distribution Planning and Forecasting, Joint Transportation Interface, Cross-Domain Information Exchange/Collaboration, Distributed Global Mobility Command and Control (C2), Information Science and Technology, Rapid Distribution Technologies, Fossil Fuel Dependency, and Human Computer Interface (HCI).



Return on Investment: SPARTA is expected to provide immediate savings in both fuel and resource conservation. It will also replace labor intensive spreadsheets with a tool that visualizes all capacity and aggregates all requirements, resulting in improved DDOC-TACC coordination.

Duration of project: FY11-FY12

Participants: Air Force Research Laboratory (AFRL)

Project advocacy (funding or otherwise): USTRANSCOM J3, AFRL

Transition: Consolidated Air Mobility Planning System/iDistribute.

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