USTRANSCOM Science and Technology

Intelligent Agent for Common Operating Picture (COP) Deployment and Distribution (D2)

Project Summary: This effort will enable all operational users to pervasively monitor every facet of mission execution and receive timely notifications of anomalous behaviors or critical events, without requiring software engineers or system administrators. This project addresses a shortfall in the requirement for In-Transit Visibility. The Joint Deployment and Distribution Enterprise requires "the ability to track and ship-and potentially reconfigure- forces, equipment, and supplies even while en route, and to deliver tailored logistics packages and sustainment directly to the warfighter". This proposed capability complements the COP D2 initiative by providing the users additional tools and technologies that can transparently monitor all the data sources that are integrated into COP D2.
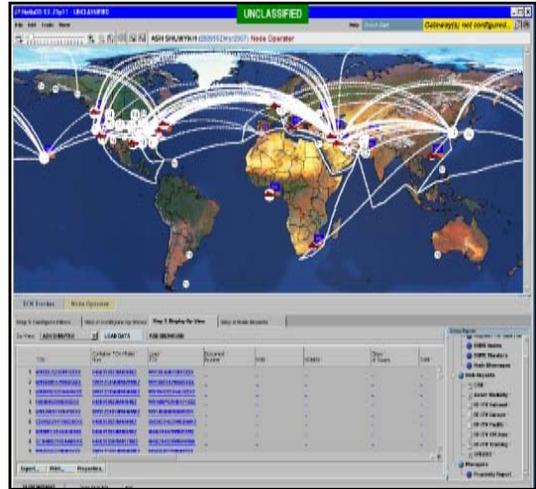
Return on Investment: This capability will enable an early and proactive identification of deployment and distribution issues and problems, so that significant operational delays and costs are avoided or minimized. Additionally, when this capability is made available to JDDE customers, they may also compose monitoring plans that are customized to their operations, information needs, frequency and level of detail in response to emerging operational requirements. This level of visibility which is based on the premise of managing information by exception can significantly streamline the "control" of the JDDE, and result in significant cost savings through improved asset & distribution visibility.

Duration of project: FY08-FY13

Participants: USTRANSCOM and Naval Research Laboratory

Project advocacy (funding or otherwise): USTRANSCOM

Transition: Project will support the COP D2 effort

USTRANSCOM POC office code: TCJ5-JT/618-229-1109