



MULTIFUNCTION ELECTRONICS WARFARE SYSTEM (MFEWS)

Client: Naval Research Laboratory

Task:

Successful execution of the Office of Naval Research sponsored Multifunction Electronic Warfare System (MFEW) Program requires the INNOLOG Washington Navy Yard (WNY) office to provide a broad spectrum of program management and system engineering tasks in order to meet the established/scheduled milestones and project goals. Tasks are related to research efforts for technology insertion, analysis of vendor products and designs, requirements definition, schedule definition, risk management, and integration of Commercial Off-The-Shelf (COTS) and Non-Development Item (NDI) components.

Solution:

In coordination with vendor product teams, Navy laboratories and Navy field activities INNOLOG provides: Engineering/analyst technical support and subject matter expertise in the resolution of technical issues regarding requirements, implementations and integration and test of multiple contractor components, systems and sub-systems; Support to identify issues concerning conflicts between hardware and software currently under development; Support in technical and Integrated Product Teams (IPT) meetings; Support and development of independent assessments concerning optional implementation of hardware and software architecture that best meet the requirement for portability, robustness and use of open standards; Supports developing program schedules and risk management plans; and coordinate and provide support in reviewing technical documentation of hardware and software programs.

Additionally, INNOLOG supports the user's development of requirements through the application of the joint requirements development process. We review mission statements, associated capabilities, and threat capabilities; Identify vulnerabilities, capability deficiencies, and new capabilities related to the mission; Evaluate and document how changes in doctrine, organization, training, leadership, personnel, and facilities won't eliminate capability deficiencies; Perform trade-off studies on candidate technological solutions; Collect data and perform statistical analyses to support design and management decisions; Prepare technical and programmatic documents including Initial Capability Document, Capability Development Document, Capability Production Document, white papers, point papers, and decision papers; and Prepare presentations addressing technical issues, trade-offs, and decision briefings.

We also provide programmatic support to the user; Assist the Government sponsor in the execution of program management responsibilities including tracking, evaluating, and reporting cost, technical progress, schedule, and risk management status; Prepare acquisition documentation including system requirements documents, system design documents, program plans, partnering agreements, and monthly reports. We provide asset tracking and management expertise and service to enable Government sponsors to provide full accountability of R&D assets.

Value:

- Stable workforce.
- Consistently provides high quality personnel and deliverables.
- Efforts contribute to meeting program schedule and milestones.