A Flexible Approach to Best Serve Our Customers

ManTech's Model Based Systems Engineering (MBSE) solutions enable responsiveness to evolving and emergent technologies, provide obsolescence analysis and management, and deliver quality engineering through skilled installers and technicians. We design, integrate, install, support, and sustain the most advanced land, air, and sea systems worldwide. ManTech provides cost effective engineering support through decades of integration and installation experience across DoD for thousands of vehicles, ships, and systems.

Systems Engineering Design and Development

Our INCOSE-certified systems engineers provide a structured and auditable approach to identifying requirements, managing interfaces, and controlling risks throughout the project lifecycle. Our engineering expertise includes:

- Reliability engineering and design assessment
- System interoperability assessments
- Rapid prototyping
- Flexible, repeatable processes
- Evaluation of non-developmental item (NDI) and commercial off-the-shelf (COTS) integrations
- Critical technical parameter development
- VICTORY-compliant expertise
- Maintainability analyses
- Integrated test planning
- Quality integration and risk management

INCOSE
International Council on Systems Engineering

Systems Integration

ManTech has more than 20 years of systems integration experience in support of large, complex, defense-related systems, subsystems, and platforms including:

- C4ISR
- Data Systems
- Air Platforms
- Radar Systems
- Weapon Systems
- Intelligent Systems
- Satellite Systems
- Mobile Platforms
- Unmanned Systems
- Legacy Systems
- Irregular Warfare

Certified Quality Management Framework

ManTech's robust, NAVSEA-certified Quality Management Framework integrates ISO 9001/20000, PMBOK, and CMMI standards to ensure continuous process improvement through value-added services that meet our customers' standards for performance, quality, and timeliness. We use a metrics-based approach to ensure quality service, minimal system down time, and optimal time between failure to reduce risk and define

ISO CMMI

Systems Implementation, Operations, and Maintenance

ManTech's engineers, skilled installers, and technicians provide installation and maintenance expertise at 200+ sites around the world to meet our customers' needs.

Source: www.marines.m

Ship and Shore Installations

- Perform shipboard and shore site electronic system installations
- Install RF, equipment shelters, and radar systems worldwide
- Superior physical security and CCTV systems support
- Provide equipment maintenance, documentation, and training

Vehicle Installations

- Install MRAP FoV modification kits to include JLTV and HMMWV that ensure fit, form, and performance
- Perform initial vehicle de-processing
- Assist with system fielding, installs, and catalog capability insertions
- Repair sustainment level malfunctions
- Ballistic and non-ballistic welding
- Perform non-destructive testing
- Conduct battle loss assessments

Integrated Logistics Support

ManTech provides critical Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) logistics and maintenance services to a wide variety of systems on the battlefield including: maintenance and repair, field support, transportation, procurement, and facilities support. We support systems to last longer throughout the operational lifecycle of the system. Our Subject Matter Experts and methodologies for system design, acquisition, and deployment ensure that we deliver effective and cost-efficient systems.

Non-Recurring Engineering

ManTech's flexible and adaptive manufacturing engineering, Engineering Change Proposal (ECP) kitting, sparing, and material support for Navy programs and systems provides the proven expertise to streamline evaluations of existing and future configurations. Our workforce brings experience in engineering and sustainment to support the ECP process with minimal downtime. We provide complete baseline engineering support to reduce risk and define cost-effective solutions while ensuring continued supportability for all system components.

LEARN MORE

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