

Enterprise Asset Management

Maximizing the performance and reliability of critical assets

MANTECH provides secure, scalable and mission-driven Enterprise Asset Management (EAM) solutions specifically designed to help federal agencies gain clear operational oversight. EAM is a comprehensive strategy for managing an organization's physical assets from beginning to end.

We help our clients align with the ISO 55000 Asset Management standards. This approach matures an organization's facility management across its entire lifecycle, ultimately optimizing mission outcomes. Our core focus is on maximizing asset value, minimizing mission risk and optimizing resource efficiency. We accomplish this by developing robust strategies, detailed plans and effective governance structures that boost the lifecycle value and effectiveness of your real property and infrastructure portfolio, directly supporting your operational mission and long-term strategic goals.

The Urgency for Asset Management Modernization

Challenges: Modernizing asset management within the federal government is a complex undertaking, fraught with numerous challenges. These obstacles often stem from the sheer scale and diversity of government operations, coupled with inherent organizational hurdles and long-standing practices and technology.



- **Decentralized master plans:** Decentralized master plans often hinder clear direction for asset management objectives, as organizational plans, visions and missions may be unclear or hidden. This can prevent critical foundational elements from reaching employees at all organizational levels.
- **Manual processes and tracking methods:** Many organizations reactively manage aging legacy systems, fragmented data sources and manual processes. This can lead to inefficient decision-making, data quality and integrity issues and increased security risks.
- **Defining Asset Management System (AMS) scope:** When defining an Asset Management System (AMS) scope, certifying an entire large organization is often impractical. Prioritizing operating entities that offer the most value becomes a critical decision for successful implementation.

Enterprise Asset Management Solution

Implementing Enterprise Asset Management

Because mission readiness depends on overcoming the hurdles of disconnected data, manual processes and inefficient decision-making, MANTECH partners in a trusted adviser role to address these client challenges. Our solutions directly contribute to enabling better risk-based resource decisions and providing mature, data analytics-driven master planning and investment actions.

- **Installation Master planning:** MANTECH conducted a comprehensive AMS assessment with the primary objective to develop a solution that integrates data from multiple systems leveraging state-of-the-art Comprehensive Planning Platform technologies. MANTECH's "To-Be" AMS solution included a strategic vision for a data analytics-driven methodology for installation master planning and investment decision-making.
- **Investment Decision-making:** We developed an operational roadmap by creating targeted Low Code No Code (LCNC) Proofs of Concept (POCs). These innovative solutions utilized Microsoft Power Apps, Power Automate, Power BI and Dataverse to establish centralized data storage and enable seamless integration between systems and data.
- **Automation and Digitalization:** MANTECH has deployed facility and infrastructure data analytics proofs of concept, delivering tangible digital solutions. These innovations, such as workload trackers, financial checkbooks and mission dependency Power Apps, are actively creating automated, digital workflows for enhanced operational efficiency.

Outcomes

MANTECH's approach integrates lifecycle asset management expertise with a focus on practical, outcome-driven solutions that lead to significant improvements in efficiency, data management and strategic decision-making, while empowering client organizations through digital literacy and self-sufficiency.

- **Organizational Transformation and Agility:** MANTECH's solutions drive a "digital first culture" resulting in an executable strategy and roadmap fostering proactive self-sufficiency.
- **Improved Decision-Making and Real-Time Insights:** MANTECH's digital workload tracker provides real-time analytics and visibility for leadership, enabling informed, data-driven decisions on billions in requirements.
- **Cost Savings and Efficiency:** Power App workflows significantly reduce development and sustainment costs by automating manual processes, saving staff valuable time. This also includes the elimination of individual, manual spreadsheet updates by separate Project Managers through automated project list trackers.

Why MANTECH?

- **Real problems solved:** We don't just elevate data maturity for its own sake. Instead, we implement solutions that directly resolve your users' most meaningful data challenges.
- **Advanced AMS Technologies:** Our core strength lies in expertly leveraging Microsoft Power Apps, Power Automate, Power BI and Dataverse. This powerful combination allows us to seamlessly centralize your data and integrate effortlessly with your entire organization, making your data a unified, strategic asset.
- **Demonstrated Expertise with Mission-Critical Infrastructure:** Proven methodology specifically designed to prioritize infrastructure investments based on mission criticality.

Let's Modernize Federal Government Together

Connect with us to explore how MANTECH can maximize the performance and reliability of your critical assets.



In business more than 57 years, MANTECH excels in cognitive cyber, AI, data collection & analytics, enterprise IT, systems engineering and software application development solutions that support national and homeland security.

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