

Mission Assurance and Modernization for Exploration and Science

NASA’s mission portfolio—spanning human exploration, science, aeronautics, and technology development—demands projects that deliver on time, on budget, and on mission. Under the current administration, exploration milestones carry particular weight, but success across both exploration and science lines depends on operational excellence, asset readiness, and adoption of mission-critical systems.

Emerald One has worked alongside federal programs to recover failing projects, revitalize underperforming portfolios, and secure measurable operations and maintenance savings. We understand NASA’s unique environment and know how to bring in the right capabilities to ensure mission success.

How Emerald One Delivers on NASA’s Mission Priorities

NASA Priority	Our Approach
Project Triage and Revitalization	We rapidly assess struggling projects and help them make a turnaround to restore schedule confidence, budget discipline, and stakeholder trust.
System Modernization and Adoption	Your technology solutions are only valuable when used. Our digital transformation strategies improve performance, security, and interoperability while ensuring adoption from day one, our change ensure new systems are used as intended, and existing systems are evaluated for improved adoption.
Operations & Maintenance Optimization	We leverage our asset alignment and value maximization practices to reduce operations and maintenance (O&M) costs, extend asset life, and improve utilization across centers.
Workforce and Center Alignment	NASA’s centers have unique personalities, processes, and preferences. Emerald One has in-depth experience with standardizing and realigning processes and resources to ensure capabilities are matched to mission demand in a way that respects team culture.

Proven Impact

We have supported programs requiring rapid recovery and measurable cost savings, delivering outcomes such as portfolio turnaround within a single fiscal year and double-digit O&M cost reductions through process optimization. Our reach-back to industry expertise ensures NASA has access to the most effective capabilities without excess overhead.

Acquisition Advantage

Emerald One offers easy access through a number of existing vehicles and maintains close strategic partnerships with other small businesses that ensure rapid, compliant acquisition.