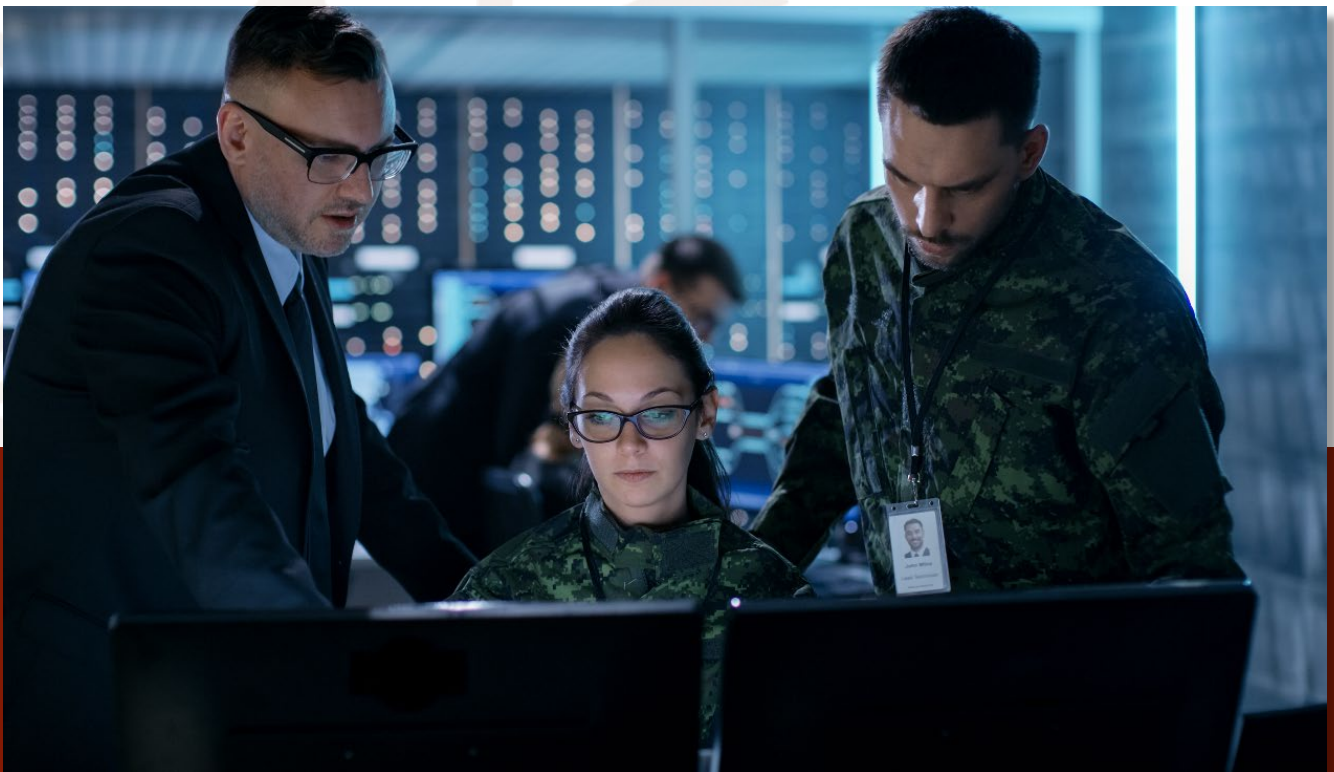


TPM

TECHNOLOGY PROJECT MANAGERS

Corporate Profile

**Engineering Solutions,
Adding Value
in Every Interaction**





The TPM History

TPM was founded in 2014, with the vision of being the preferred provider of high value engineering solutions that make a difference in the world by improving the current state of the organization or improving mission effectiveness.

TPM was accepted in the 8(a) program of the Small Business Administration in December 2016, as a small disadvantaged business, and has been part of the Montgomery County, Maryland Business Innovation Network, since 2015.

Since our inception, TPM has been providing professional services to NASA and NOAA in numerous programs and projects supporting Enterprise and Business Transformation, Cloud Migration, Program Management, Systems Engineering, and Information Technology to support Human Space Flight, Robotic Missions, and Ground Systems.





Our Leadership



Rodolfo Lavaque
President and CEO

- Established TPM after 15 years in Program Management internationally and at NASA.
- Leads the overall firm's strategic execution and business operations. Committed to organizational excellence, providing mission-oriented solutions for TPM's clients.
- BS in Industrial Engineering, MBA, PMP, Organizational Change Management Advanced Practitioner.



Dr. Jon Greg Hanson
Strategic Advisor

- Provides corporate strategic guidance and leadership
- Career Air Force Officer – Served as Chief Scientist for Major NATO Command and as Chief Software Engineer for the USAF.
- Served as first Assistant Sergeant at Arms and Chief Information Officer for the United States Senate
- Top-level C-positions in industry including GM, President, COO, CIO, and CTO
- MS, Information Systems, Ph.D., Computer Science



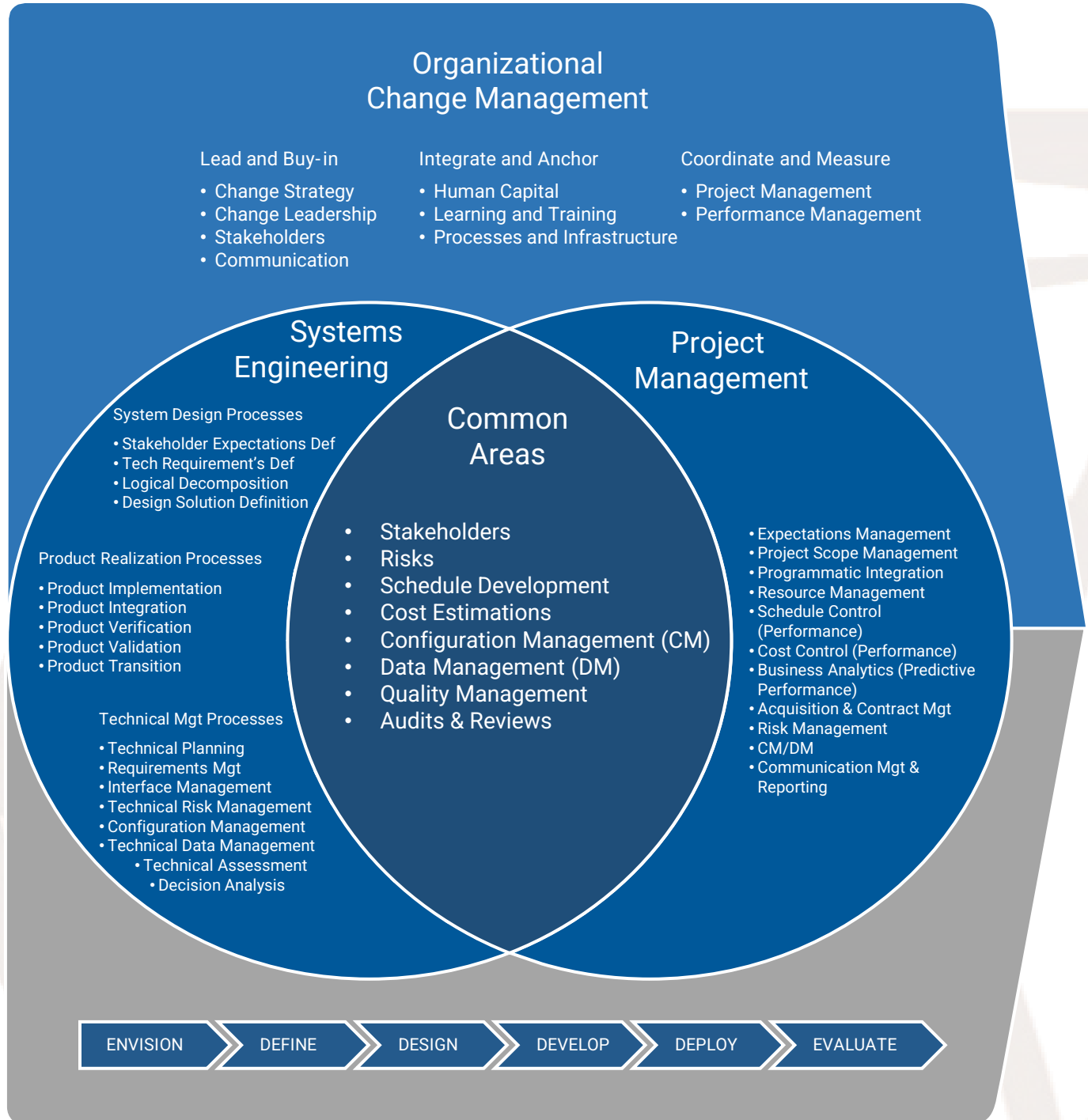
Angel Otero (NASA Ret)
Director, Aerospace Services Programs

- Directs the delivery of services to Aerospace clients.
- Manages multi-million dollar contracts supporting NASA & NOAA.
- MS in Mechanical Engineering with 35 years leading NASA missions.
- Over 30+ years of strategic program and project management experience.



Our Integrated Model Approach

Our team approach brings together the technological problem-solving savvy of engineering and the organizational, administrative, and planning abilities of program or project management in order to oversee complex enterprises from conception to completion



Solutions Overview



We tailor our solution to the challenge, by applying the principles of Systems Engineering, Project Management and Organizational Change Management. We identify, define and plan strategies for change, system and project conception during the initial phases of the engagement. We test the system, assist with the adoption of new processes and methodologies, train, coach users, and assist the organization during mission operations to assure a successful system adoption. To meet requirements and stakeholders' expectations.

Strategic Mission Areas



**Mission
Operations**



**Aerospace
Systems**

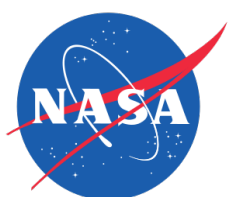
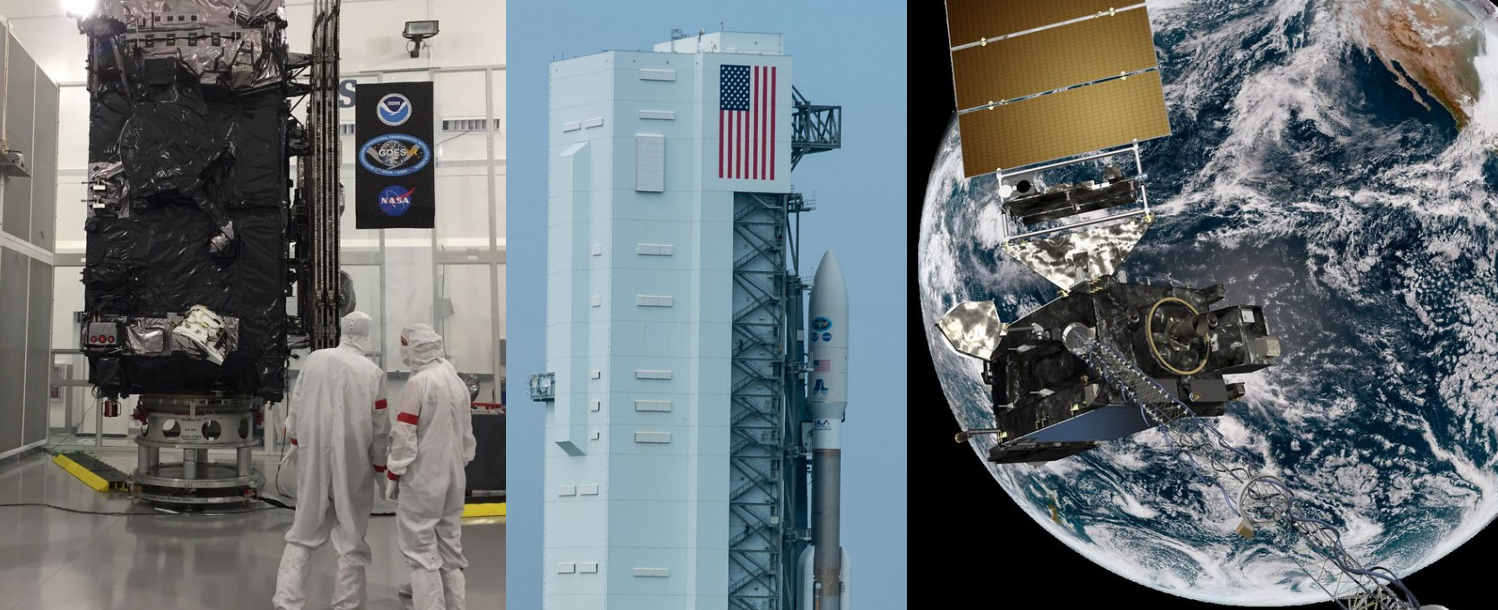


**Digital
Transformation**



**Application
Development**

TPM's professional services span the full system development life cycle, focusing on program support, applications development, and systems operations and maintenance.



Case Study

Customer

National Aeronautics & Space Administration (NASA), Goddard Space Flight Center (GSFC), Geostationary Operational Environmental Satellites (GOES-R)

Challenge

The GOES-R Series Program is a collaborative development and acquisition effort between NASA and NOAA to develop, launch and operate geostationary environmental satellites. TPM was hired to provide around-the-clock Engineering and Mission Operations Services across the GOES-R lifecycle: Launch, Orbit, Post Launch Test (PLT) and Ongoing Operational Support.

Actions

- Project Management - Performing program scheduling and schedule management and leading GOES-R Instrument Subsystem support activities
- Systems Engineering - for mission-critical GOES-R Instrument Systems
 - Magnetospheric Particle Sensor (MPS) and Energetic Particle Sensor (EPS) Thermal Systems which Provide localized measurements of particles and fields in geosynchronous orbit
 - All Advanced Baseline Imager (ABI) Instruments- GOES' mission-critical payload that images Earth's weather, oceans, and environment
- Analysis - of real-time telemetry to identify trends, anomalies, and risks
- Process Engineering - for Post-Launch Test (PLT) Plans, Sequence of events, Mission Scripts, Standard Operating Procedures (SOP), and mission simulations



Case Study

Customer

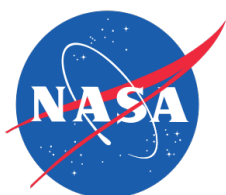
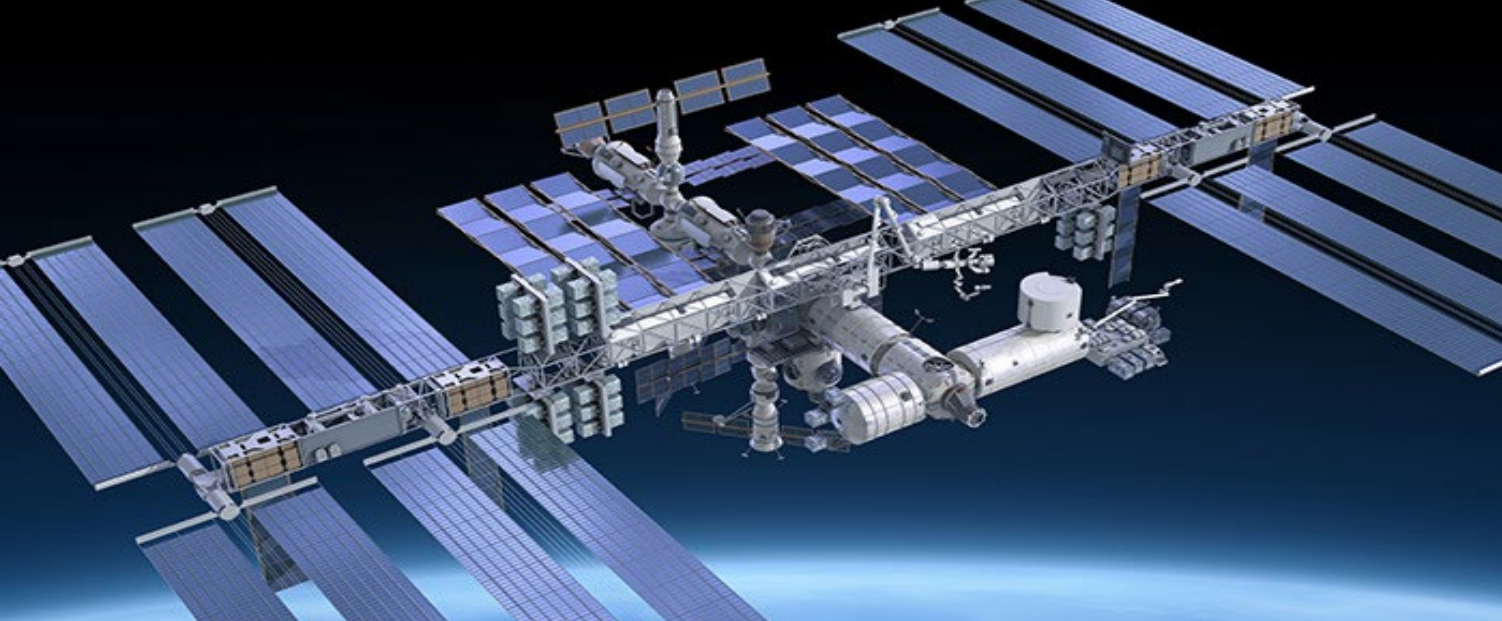
Department of Commerce (DOC), National Oceanic and Atmospheric Agency (NOAA), National Environmental Satellite, Data, and Information Service (NESDIS)

Challenge

NESDIS provides access to global environmental data and information from satellites and other sources to promote and protect the Nation's security, environment, economy, and quality of life. With massive compute and storage requirements, NESDIS leadership wanted to migrate to the commercial cloud in a common enterprise framework. Recognizing the transition to the commercial cloud is not so much a technology challenge as it is an institutional challenge, NESDIS hired TPM to develop the architectural framework, Concept of Operations (CONOPS), and business processes to support their transition to the cloud.

Actions

- Developed/documented Common Cloud Framework Architecture
- Developed/documented Cloud CONOPS
- Developed/documented Governance Structure
- Developed/documented security procedures
- Organized/staffed Program Management Office (PMO)
- Developing/documented business processes
- Oversaw development of cloud prototypes



Case Study

Customer

National Aeronautics and Space Administration (NASA), Space Life and Physical Sciences Research and Applications (SLPSRA)

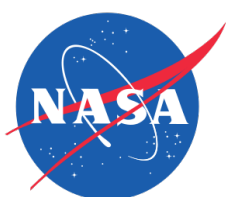


Challenge

SLPSRA leads NASA's biological and physical research which focuses on using the spaceflight environment to conduct experiments that cannot be conducted on Earth. The organization was led by scientists, in average supported 60 research space flight projects. NASA leadership wanted to position the division to become a program by transforming its processes, systems, support personnel, and implementing the Program Management discipline.

Actions

- Facilitated Strategy Sessions to develop the new vision for the Division
- Created an inventory of current processes and prioritized change
- Developed the As-is and To-be Architectures
- Assisted with implementation and adoption of new processes
- Developed a Risk Management Plan
- Developed new methodologies for Schedule Management
- Developed an Intranet for communication and Knowledge Management
- Developed Applications such as dashboards, calendars, Kanban, etc. for improvement of the management of the portfolio



Case Study

Customer

National Aeronautics and Space Administration (NASA), Goddard Space Flight Center (GSFC), Flight Projects Directorate (FPD)

Challenge

Provide services through the entire Software Development Lifecycle (SDLC) in areas including, requirements gathering, design & analysis of alternatives, quality assurance, testing, implementation, configuration management, process management, training and support to operate and sustain the Goddard Schedule Analysts Tool (GSAT).

Actions

- Gathered requirements through meetings with users & defined use cases
- Performed requirements analysis of the GSFC FPD projects performance reporting systems support life cycle
- Developed technical requirements, analysis of alternatives, architectural designs
- Elaborated prototype algorithms, functionalities, interfaces, databases and reporting lay outs and applications
- Tested system and visual interfaces for reporting, ensuring that requirements are reconciled as part of the test process
- Trained end users and provide support through sustainment phase

Quality

We constantly improve the quality of our processes, for reliability and consistency.

Certifications

- DCAA Compliant Accounting System
- Deltek Cost-Point Business System
- Scale Agile Framework (SAFe) Certified Professionals
- Project Management Professionals (PMP) Certified Managers
- Change Management Advanced Practitioner (CMAP) Certified Professionals
- Sustained High Past Performance
- Certified Quality Management System, ISO 9001:2015
- CMMI Maturity Level 3 – Capable, Certification in progress



We strive to become a trusted partner of the Federal Government by reliably delivering quality results.



Since 2014, TPM has built its project management processes on successful performance on more than 14 contracts for NASA and NOAA.



NAICS Codes

541330: Engineering Services

541519: Other Computer Related Services.

541611: Admin Mgt. and General Mgt Consulting

541613: Marketing Consulting Services

541614: Process, Physical Distribution, and Logistics Consulting Services

541618: Office Mgt. Consulting Services

541690: Other Scientific and Technical Consulting Services

561990: All Other Support Services

611430: Professional and Mgt. Dev Training

511511: Custom Computer Programming Services

541512: Computer Systems Design Services

Contact Us

Contracts Manager

- Rodolfo J. Lavaque, President
- rlavaque@techpromanagers.com
- (202)374-2700

Relevant Information

- Small Disadvantaged Business (SDB) 8(a) Certified
- DUNS Number: 079360844
- CAGE Code: 744M1



Prime Contract Vehicles

- GSA Multiple Award Schedule (MAS) - 47QTCA19D00ER
 - IT Schedule 70
 - Professional Engineering Services
 - 00CORP
- 8(a) Sole Source – Direct Award
- 8(a) STARS III - 47QTCB22D0051

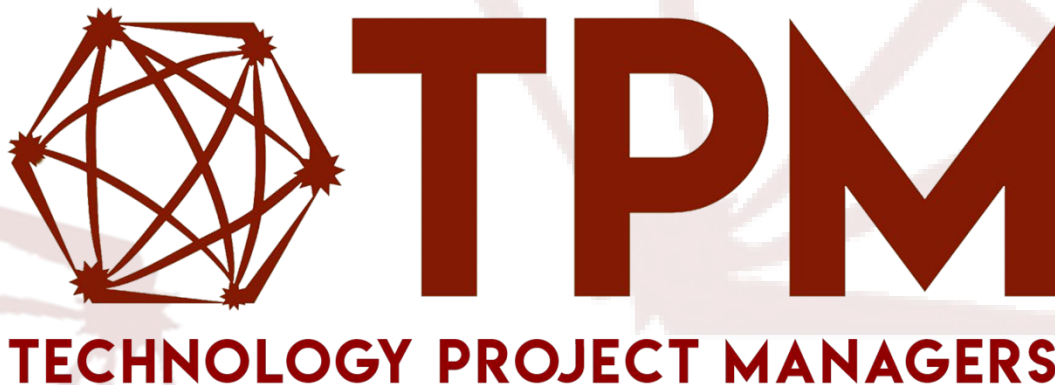
Sub-Contracts

- SeaPort – NXT
- NASA GSFC MIST
- NASA-Wide DATSS
- NASA GSMO-3



TPM provides high quality, cost-effective, state-of-the-art solutions that satisfy and exceed customer requirements.

We are focused on being a trusted technology partner of the Federal Government, providing the highest value to help solve our clients' challenges.



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