

Serving the Department of Defense since 1973

Supporting Mission-Critical Technologies

Trusted by the U.S. Navy, large prime contractors, and small businesses, PURVIS equips the Department of Defense with the sustainable, engineered solutions needed to protect our nation's security.

Our team of defense experts – many with advanced U.S. Naval warfare experience – has over 50+ years of experience in developing, implementing, and maintaining mission-critical systems for the Department of Defense – on land and at sea. We're intrinsically motivated to do what's right and deliver what we promise, on time and on budget.

“PURVIS was required to support an unplanned system installation on a first-of-a-kind platform overseas to support an emergency fleet requirement. They worked weekends and off-hours to **deliver a high-quality installation that was completed earlier than planned.**”

- Contractor Performance Assessment Report (CPAR)

PURVIS SYSTEMS

Technology Solutions with Peace of Mind

What We Do

Methodical in approach and meticulous in execution, we provide solutions and support to meet the needs of the fleet today and into the future.

Alteration Package Development and Installation (Alteration Installation Team)

PURVIS supports the Department of Defense with engineering and technical services, providing full life-cycle support for systems and platforms including:

- TEMPALT, OPALT, SHIPALT Shore Site and Retrofit Installation (RID) package development
- System product baseline establishment and maintenance
- Installation process expertise: We leverage our established working relationships with government and fleet representatives to optimize results
- Relevant, high impact training to ensure effective maintenance and operation of systems
- High quality Casualty Report (CASREP) / Technical Assistance
- Authority to Operate (ATO) and Risk Management Framework (RMF) Process Leadership

Mechanical/Electrical Engineering Design, Drawings, Fabrication

Products and prototypes begin with an idea and come to life in a drawing that meets required specifications to support high quality fabrication. PURVIS' capabilities include:

- A large team of engineers, designers and technicians to create drawings and parts lists that strictly adhere to Navy and Federal Agency specifications and requirements
- Fabrication of wire / cable harnesses, rack assemblies rack and wall mount enclosure assemblies, installation kits, and mounting / equipment enclosures
- Prototype development and fabrication

Project Life Cycle / Model Based Product Support

With product support expertise PURVIS' solutions reduce sustainment costs, enable predictive analysis, reduce failure rates, and increase system reliability. Our expertise includes:

- Supportability Analysis, Level of Repair Analysis (LORA), Reliability Centered Maintenance (RCM), Provisioning Technical Data (PTD) development, Core Depot Source of Repair Analysis, Performance Based Logistics (PBL) Assessments, Diminishing Manufacturing Sources and Material Shortages (DMSMS)
- Provisioning Development – Navy Allowance Parts List (APL) initial development and maintenance through Interactive Computer Aided Provisioning System (ICAPS)
- Initial Outfitting Lists (IOLs) (tools, spares, fixtures, test equipment)
- Engineering Change Proposal (ECP) development / review / management
- Configuration Management – CMPro and Configuration Data Managers Database – Open Architecture (CDMD-OA)
- Configuration Review Board support, report development, and compliance review
- Developing Interactive Electronic Technical Manuals (IETMs) that meet required specifications (S1000D, MIL-DTL-24784)

Operational Assessment and Testing

Our testing expertise ensures systems are ready for installation and operational use. PURVIS supports:

- Product Factory Acceptance Testing (FAT)
- System Operational Verification Test (SOVT)
- Environmental Qualification Testing (EQT), Shock and Vibration Testing, Electromagnetic Interference Testing (EMI)
- Failure Analyses and evaluation of impact to system performance
- Integral to our testing is the evaluation of the Operator/Human Machine Interface

“ PURVIS has played a major role in helping us meet production deliveries for a Navy top priority.

Not only does PURVIS perform the factory acceptance tests, but they also perform incoming inspections of the Nose arrays.

PURVIS's dedication and flexibility to get arrays through the test queue has helped the Navy meet the critical path for production deliveries. ”

NUWC Division Newport
Customer

Facility Operations and Maintenance

In day-to-day operations PURVIS ensures facility environments support the organizations needs and core functions, including:

- Media / Electronic Repository Support
- Equipment tracking, maintenance, repair, receipt, shipment, quality assurance
- Calibration tracking
- Hazmat Management to ensure safety and regulatory compliance
- Information Technology/Information Assurance (IT/IA) Support – System Administration, Network Engineering
- Standard Operating Procedure (SOP) development



Our Approach

In an industry that cannot operate with errors, PURVIS is meticulous. As a technology solution partner of choice for the U.S. Navy, large prime contractors, and small business, when you partner with PURVIS, you get:



Partnered Solutions

As a small business, PURVIS is uniquely positioned to serve as a true extension of your organization. We start by developing a deep familiarity with the system and technologies so we can engineer specialized solutions that solve for your programmatic and technical challenges. Grounding our partnership in honesty and integrity, your dedicated team is empowered to go the extra mile and do what it takes to deliver what you need.



Proactive, Reliable Project Management

PURVIS proactively seeks ways to combine processes and save time, allowing us to remain on track regardless of schedule shifts or unexpected deviations. Our quality assurance measures mitigate risk and uncertainties, producing consistent, reliable outcomes. As your partner, we're intrinsically motivated to do what's right and deliver what we promise – on time and on budget.



Tenured Expertise

Our team of defense experts – many with advanced U.S. Naval warfare experience – have a profound understanding of DoD operations, procedures, capabilities, and technologies. We exhaust all resources to assure our solutions – whether system development, installation, training, facilities management, technical manuals, or life cycle logistics support and configuration management – are tailored to your unique needs. You always have access to the experts who can solve your most complex challenges, day or night.

We Build Sustainable, Engineered Solutions

Interested in learning more about our technology solutions that deliver accurate and reliable results? **Let's connect.**

