

CAPABILITY STATEMENT



Core Competencies

Diversified Industries (DI) C&IS Inc. is a Minority Owned Small Disadvantaged Business that provides the Maintenance, Repair, and Overhaul (MRO) industry technicians and engineers with a very powerful NASA derived tool previously unavailable to the public. The tool delivers a 30% to 40% time savings in resolving non-routine/unplanned maintenance issues when compared to traditional industry methods. The tool is called **SMART** (System Maintenance Automated Repair and Test). **SMART** is a NASA spin-off product transformed by DI to a Commercial Off The Shelf (COTS) product primarily for use on:

- Aerospace Vehicles: Fixed & Rotary Aircraft, and Spacecraft
- Electrical Power Generation Systems
- Rail Transportation Systems
- Maritime Vessels
- Facilities and their equipment

SMART is a powerful knowledge management tool that uses APIs and a robust Oracle database to generate on-demand ready-to-use procedures using your existing processes and work instructions in 80% less time than traditional methods, based on documented testing conducted by NASA. **SMART** provides a consistent framework that allows users to efficiently build repair and test procedures capturing their test environment and necessities required. Additionally, **SMART** integrates the safety, quality and internal/external requirements to continuously generate best-practice procedures.

SMART's decision-tree user interface also provides a simple yet excellent Project Management platform for establishing and/or monitoring process controls.

SMART is marketed and sold as cloud-based Software As A Service (SaaS). A server-based delivery is also available upon customer's request. **SMART** is highly scalable for simple or complex use. It has been commercialized for use in military and commercial industries.

Past Performance

SMART software was used for 6 years at the Kennedy Space Center to process 26 successful consecutive Space Shuttle missions through the end of the Space Shuttle program. It was implemented following the loss of Space Shuttle Columbia and was used starting with STS-114 Discovery, July 26, 2005 through the last Space Shuttle mission, STS-135 Atlantis, July 8, 2011. Contact: James D. Nichols at NASA/KSC (321) 867-6384.



Differentiators

SMART is a by-product of America's Manned Spaceflight Program. The necessary requirements for **SMART**'s creation and the qualities ingrained within it were forged in an environment where success was mandatory. **SMART** alleviates the pain of unplanned maintenance events with speed, efficiency and quality unrivaled in industry.

For More Information Contact:

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www.difl.us



www.craigtechinc.com

Diversified Industries C&IS and Craig Technologies, two Central Florida based minority-owned Engineering Services Companies, have teamed to provide you a complete yet unique and best in class Multi-System Design, Simulation, Manufacturing, Test, Training, Lifecycle Maintenance and Operations Support.

Please take a closer look at us for more specific detail, and allow us to speak with you about your technical and operational needs.

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