



DTIM

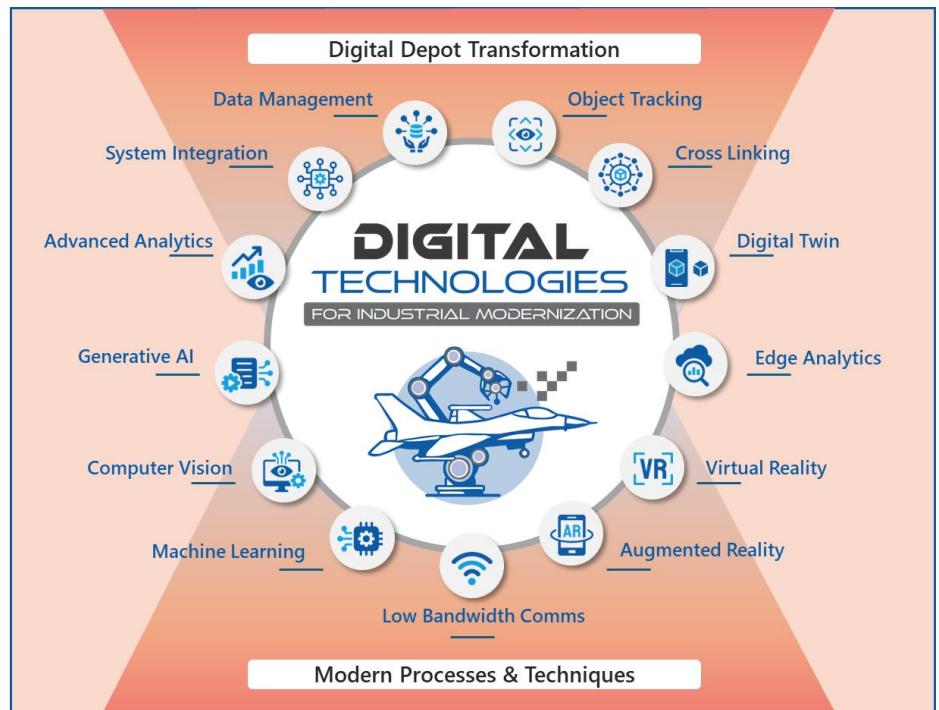
Digital Transformation for Industrial Modernization

Phase III SBIR
IDIQ FA810025DB005

The Air Force DTIM IDIQ is purpose-built to accelerate modernization—providing rapid access to validated, production-ready solutions that address industrial base data and technology challenges, modernize digital depots, and strengthen industrial operations across the mission landscape.

Execute with confidence. Deliver with speed.

- Implement non-competitive, mission-ready task orders
- Move beyond pilots with confidence
- Transition proven innovations into depot operations
- Deliver operational capability faster
- Reduce program risk and schedule uncertainty
- Provide measurable readiness gains
- Improve lifecycle decision making and cost control
- Modernize critical operations now



From Physical to Digital. Total Depot Visibility.



Depot environments built on isolated systems cannot meet tomorrow's sustainment demands. The DTIM IDIQ delivers an end-to-end digital depot transformation framework—enhancing infrastructure, data, and IIoT capabilities to modernize industrial operations and strengthen warfighter mission readiness.

Advance agility, efficiency, and connectivity through Industry 4.0 and evolving Industry 5.0 practices

Illumination Works' proven expertise in digital transformation ensures rapid deployment of advanced DTIM capabilities to meet the Air Force's most pressing challenges. This award builds on a track record of success in delivering innovative SBIR solutions to the Department of War (DoW) across the Air Force, Army, and Navy.

Validated Innovation. Ready to Scale.

Building the Next-Generation Digital Depot

The first DTIM task order accelerates the scaled deployment and integration of AFMC's Digital Depot Transformation technologies, advancing Industry 4.0 capabilities and laying the foundation for Industry 5.0 operations within the IIoT ecosystem.

- Connected 264 assets in four months increasing visibility by 261%
- Scaled IIoT capabilities beyond Tinker AFB to Hill AFB and Warner Robins AFB in four months
- Provide real-time understanding of machine utilization and downtime
- Monitor trends over time impacting production usage like temperature, velocity, and runtime
- Integrate digital tools with production systems (PLC, SCADA, ERP, MES)
- Manufacturing and digitation standardization and consistency for improved analytics outcomes

Supporting SBIR Innovations

- Edge analytics and insights (Navy Phase I)
- Automated object tracking (Army Phase I)
- Mx planning decision support (Navy Phase I)
- Automated document generation (Air Force Phase II)
- Additive manufacturing support (Army Phase II)



The DTIM IDIQ empowers the Air Force with:

- ✓ Robust, scalable, incremental builds
- ✓ Continuous evolution via use case iteration
- ✓ Repeatable policies, processes, procedures, access levels, security, and more

DTIM Key Objectives

- Modernize the digital depot technology foundation
- Train, transition, and sustain digital depot technologies and processes
- Implement uniform modernization and efficiencies through geographic parity in digital depot transformation framework and processes
- Build technical integrations and processes between and across geographic boundaries and disparate organizations including full suite of manufacturing and sustainment technologies and processes
- Integrate existing and modern technologies across industrial operations through a uniform modernized digital transformation framework

DTIM: \$97M, 10-Year Air Force IDIQ

Ready to Execute? Let's Talk!

Modernize with confidence. Deliver capability faster. Connect with our experts. Reach out today.



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