

KPMG

# Digital Fleet Management

KPMG is a global, strategic consulting firm accelerating change for the Department of Defense

**Turn Fleet Data into a Strategic Asset.** KPMG leverages a suite of advanced data and decision science tools and techniques to model the complexities of fleet management. Specifically, we create digital twins and mathematical representations of fleet management processes to explore process complexities and risks, putting you ahead of the fleet management decision cycle.

## Digital maintenance planning and forecasting...in the field and at the depot

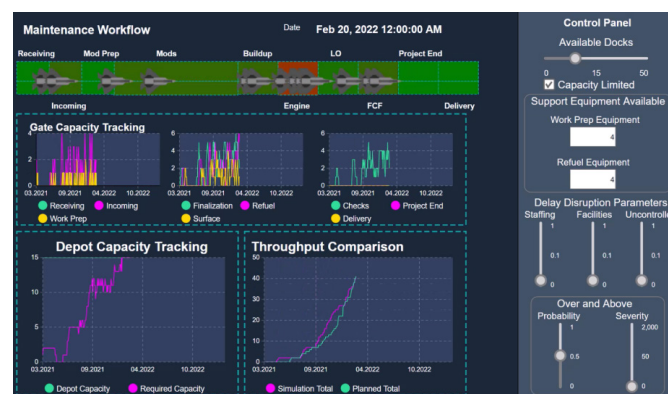
**Schedule Optimization:** We use a suite of optimization engines to quickly evaluate millions of scheduling courses of action accounting for operational, engineering, and budgetary constraints (e.g., critical assets, people, parts, corrosion, equipment downtime).

**Mods & Retrofits:** KPMG applies innovative algorithms to determine optimal flow plans for field/depot mods and retrofits that address stakeholder key concerns. By exploring the trade space with data and analytics tools, we help manage the fleet most effectively.



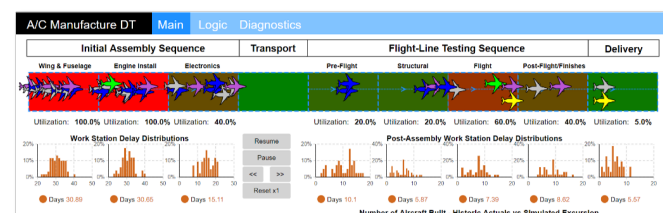
## Digital twins and resource optimization modeling

**Sustainment Risk Analysis:** Even the best maintenance schedules experience throughput constraints and unexpected variables during execution. KPMG uses optimization heuristics and digital twins to analyze the efficacy of thousands of execution scenarios. This helps manage the expectation of weapon system availability based on the data-driven realities of available resources and the capacity of maintenance facilities and operations scheduling.



## OEM manufacturing

**Traceability & Accountability:** Digital twins of OEM production ops enable independent, data-driven assessments of delivery forecasts, risks, and impact of variables (e.g., parts shortage, manpower)



# Contracting KPMG Digital Fleet Management



## What is the Tradewind Solution Marketplace (TSM)?

TSM is a centralized, online repository where any DoD entity can review and select available AI/ML, digital, and data analytics technology solutions and proceed directly to procurement. Vendors describe solutions in 5-minute videos which reside in the TSM. All solutions in the TSM have been assessed and deemed "Awardable" by an independent panel of judges. The TSM competitive procedures conform to competition requirements of 10 USC §4021 and §4022, FAR/DFARS Part 35, and Class Deviation 2022-O0007, implementing Section 803 of the FY2022 National Defense Authorization Act (NDAA). This makes solutions in the TSM ready for selection and negotiation for a direct award by DoD activities.

The TSM is sponsored by the DOD Chief Digital and Artificial Intelligence Office (CDAO). CDAO was formed in 2022 by integrating the Joint Artificial Intelligence Center (JAIC), Defense Digital Services (DDS), the Chief Data Officer, and the enterprise platform Advana into one organization. The TSM manager is Applied Research Institute (ARI, formerly IN3) which also manages Tradewind (a.k.a Tradewind AI), the DoD's framework for sourcing, funding, and developing solutions to challenges in the artificial intelligence/machine learning, digital, and data analytics space.

## How to order?

1. In coordination with your contracting office, log onto TSM at <https://www.tradewindai.com/> (create an account if you do not have one).
2. Search for the company "KPMG LLP" or the solution video "KPMG Digital Fleet Management." Confirm the solution's status is "Awardable."
3. Contact KPMG to begin contract negotiations.

All Tradewind solutions designated as "Awardable" have satisfied Federal competition requirements and can be contracted without any additional steps (no further competition or J&A is required). All mutually agreed upon contract or agreement mechanisms are open to the DoD entity and the vendor (Other Transaction Agreement, purchase order, cooperative agreement, standard procurement contract, or other award mechanisms).

## Points of contact:

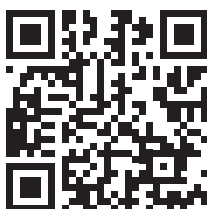
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