



Instrumenting NAVAIR: Building the AI-Enabled Digital Backbone of Naval Aviation



27 May 2026

Presented to:

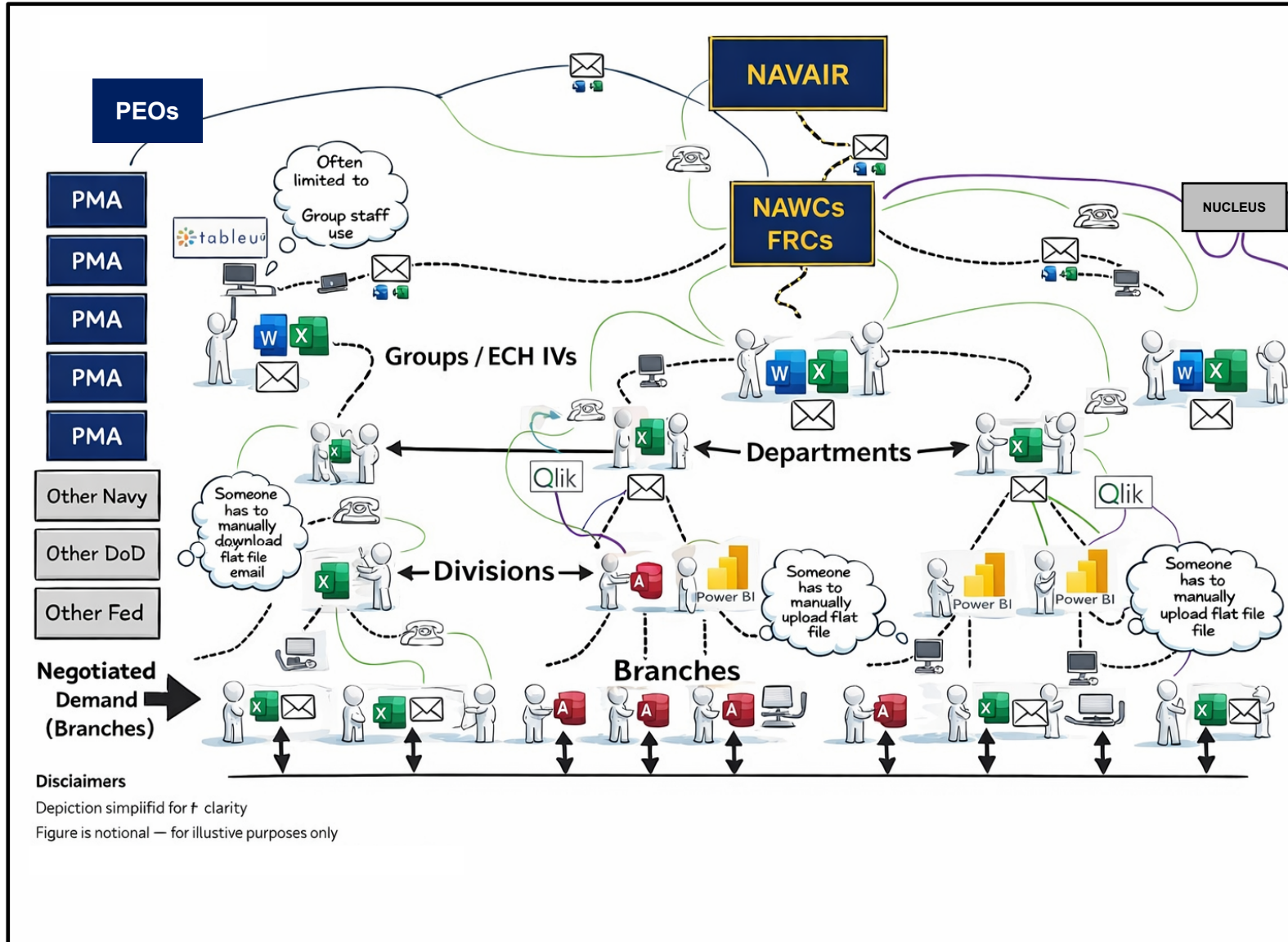
Industry Day

Presented by:

Mr. Shane Murphy



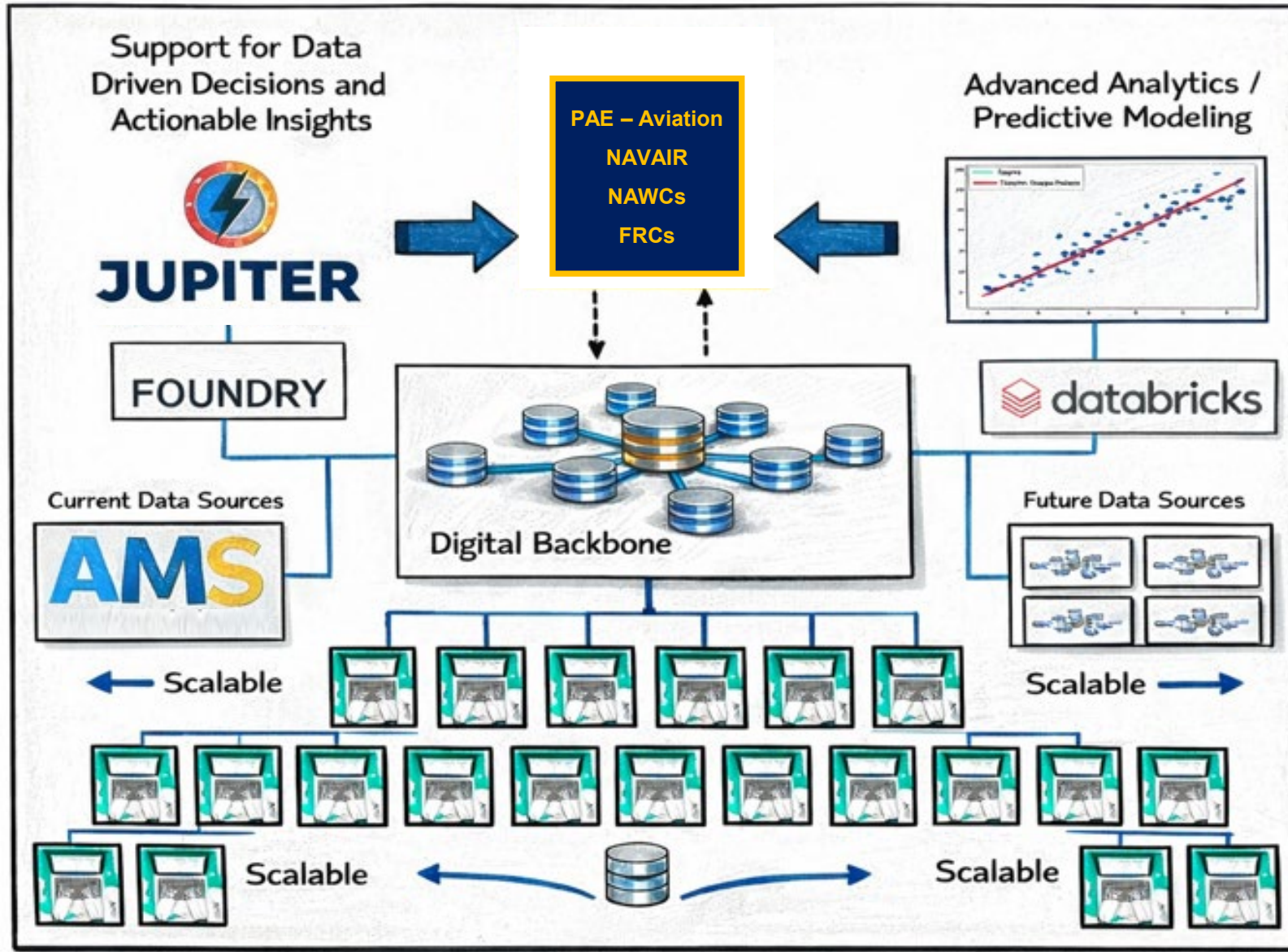
Digital Transformation: Legacy



- Thousands of one-off tools / “systems” in use that are functionally duplicative
- There was no authoritative system for documenting customer Demand
- Standardized financial tools were not available to the FM community
- Leadership relied on phone calls and email driven data calls to get information
- Leadership meetings frequently wrapped up without decisions or resolution due to the lack of decisional data
- Disparate methodologies for measuring outcomes leading to mistrust in data sources and results



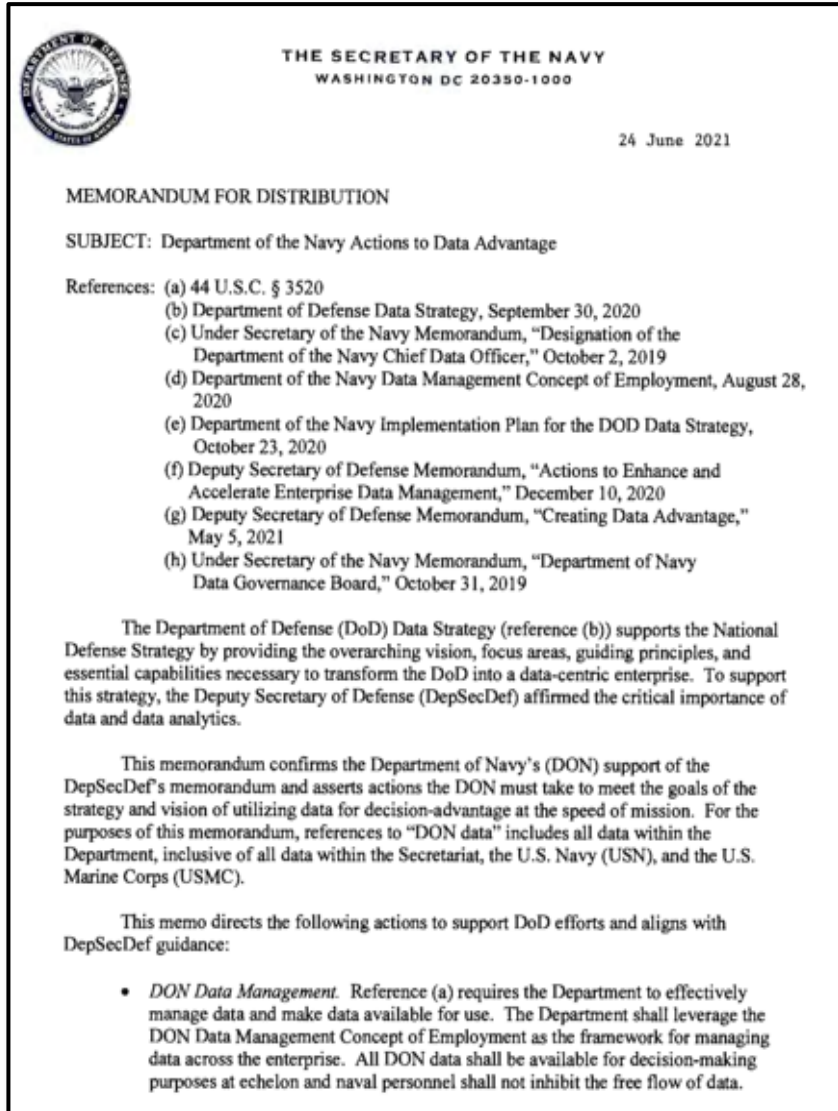
Digital Transformation: Now \longrightarrow Future



- Single solutions for the entire enterprise
- AMS / RMT in place now for documenting Demand and Supply
- FM Tool available (currently NAWCAD) that gets leadership ahead of issues
- 5 of the 11 current LOEs have MVP solutions in place now, 3 due in June, 1 in July, and 1 in September
- 5 LOEs will have AI solutions available this FY - PAE(A) solution scheduled for May
- Goal is to have common, decision ready data available 24/7 with preemptive AI solutions and predictive capabilities for every metric that matters



Background: Memo Directing Advana / Jupiter



In compliance with the SECNAV memo directing the use of Jupiter / Advana we are:

- Leveraging its framework to manage data across the enterprise
- Dedicated to integrating data across information domains and translating data into actionable insights
- Establishing enterprise performance management metrics to gauge progress against modernization goals, resourcing constraints, and conflicts in priorities
- Vigorously and expeditiously implementing our data strategy through the implementation of the initiatives outlined in this memo (DON Implementation Strategy Plan)
- Taking advantage of existing data, tools, processes and capabilities
 - GenAI.mil
 - Authorities to Operate
 - Agile delivery process
 - Palantir / Foundry

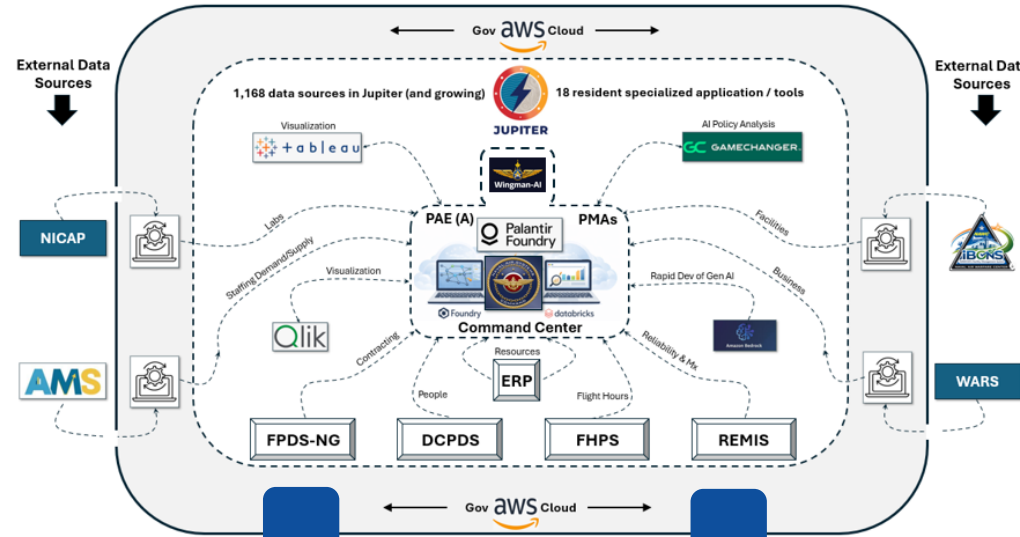




Digital Transformation: Design and Partnerships

Enterprise Services in the PAE(A) / NAVAIR Digital Environment

Once a product or service is designated as an enterprise service, it becomes a part of the foundation of how we deliver outcomes



Partnerships

- Navy Chief Data & AI Officer
- ASN (FMS)
- Multiple DASNs
- DPAEs
- Other PAEs
- Other SYSCOMs
- OEMs
- USAF

