



MAY 2019

Insight-Driven Enterprise

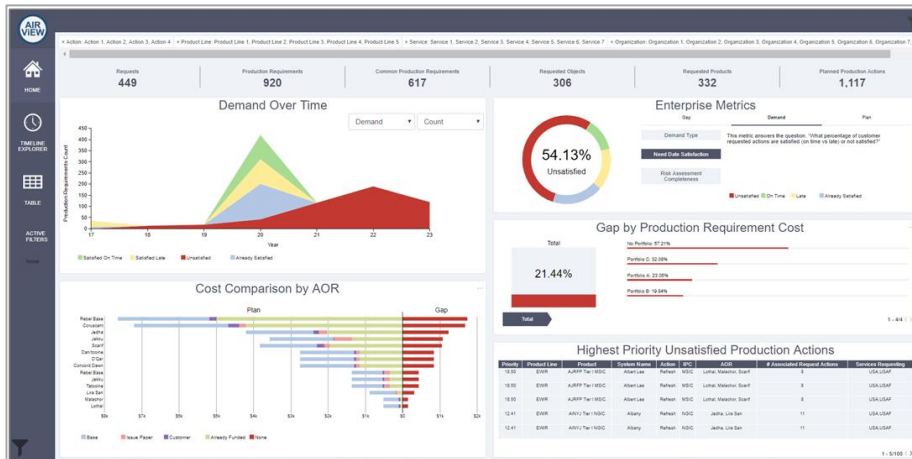
Lisa M. Mazur, DISL
Acquisition Intelligence Division, OUSD(I), OUSD(A&S)



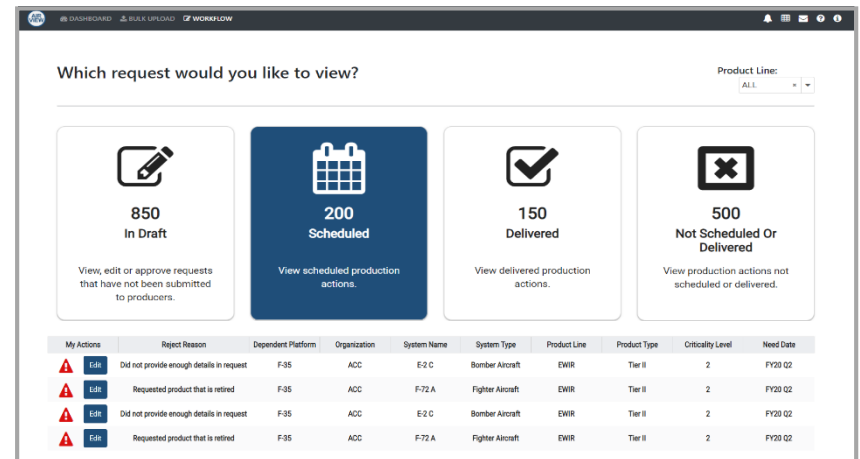


Enduring capabilities create insights-driven enterprises

Enterprise Dashboard *Transparent, Accessible, & Customizable*



Data Management *Intuitive, Role-Based, & User-Driven*



Issue

U.S. platforms faced critical shortfalls in Intelligence Mission Data (IMD), degrading both the speed of deployment and effectiveness of detecting and identifying objects in the battlespace. DoD leaders were confronted by an urgent and reportedly massive shortfall, but lacked the data to make an evidenced-based resourcing decision.

Solution

Acquisition-Intelligence-Requirements Task Force asked Deloitte Consulting LLP to develop AIRVIEW, a SIPRNet and JWICS-hosted web application to manage the Annual Priorities and Risk Management Framework to quantify intelligence supply and demand. AIRVIEW includes an enterprise analytics dashboard to enable evidenced-based risk and resourcing decisions.

Impact

Senior DoD and Military Service leaders made multiple evidenced-based resourcing decisions using AIRVIEW, resulting in targeted investments to mitigate critical shortfalls in IMD. Results of the analysis uncovered significant readiness gaps in areas decision-makers had not previously considered, demonstrating the necessity of enterprise data analytic efforts and need to expand to additional product lines.



Data quality and currency is driven by policy and process

Intelligence Demand

Acquisition and operational customers (Military Services, USSOCOM, MDA) require accurate and timely intelligence products to **execute their missions**

Intelligence Supply

Producers (Intelligence Production Centers) require an accurate depiction of mission need and priorities to plan production and **deliver intelligence products**



Requirements Generation Interface

Customers document **critical requirements** in a standard format with associated risks and potential workarounds



Requirements Workflow

Requirements are routed through the **organizational hierarchy** where approvers and requirements managers finalize the submission



Customer/Supplier Dialogue

Customers and suppliers **directly communicate** so requirements are clarified and fewer errors occur



Production Planning & Management

Producers build a production plan giving customers more timely information to inform **mission planning**



Analytic Dashboard

All users draw on insights from **advanced data visualization and analytics** to inform decision making



Enterprise data transparency enables targeted solutions

\$800M+

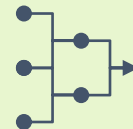
Requirements Universe

PR

(U) Service/Agency captures requirements in spreadsheets, PRs, IMARS, and other databases

\$400M
Entire Submission

Annual Priorities Process



(U) Service/Agency documents priorities in AIR ViEW. Requirements are vetted and approved through Service hierarchy

\$300M
Most Important

Critical Prioritized Requirements



(U) Service/Agency designated Criticality Level 1 (unacceptable degradation) and Criticality Level 2 (significant degradation) requirements

\$200M
After forecasting

Shortfall after Production Planning



(U) Intel Production Centers provide five year production plans and forecasts

\$20M

Actionable for Programming



(U) Certain requirements are not actionable for programming such as requests for products marked by IPCs as not obtainable