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Infusing Intelligence into
Aviation Enterprise Applications

AI & ML POWERED MRO SOFTWARE

Airlines · Heli Ops · MROs · Charters · Defense · OEMs · Drones/ eVTOLs

CONNECT TO THE FUTURE WITH RAMCO

Leading Enterprise software company serving

Aviation, Aerospace and Defense

industry

Airlines

OEMs

Heli Ops

UAVs

Defense

MROs

Drones

NSE: **RAMCOSYS**

29 countries

90+ customers

24000+ users in Aviation

Supports 4000+ Aircraft

25+ years of innovation

Part of $1 Billion Ramco group

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Ramco Aviation Software addresses the key needs of the defense industry

Challenges Faced in Defense Asset Management

- **Lack of Visibility**
  - Into mission readiness and drill down
  - Into and across global supply chain
  - Into options for optimal procurement
- **Lack of Integration** (and leverage)
  - across platforms, programs, across functional areas
- **Lack of Agility and Response**
  - to respond to mission critical events
- **Archaic Technology**
  - Passive ERP with limited Automation, manually intensive and duplicate operations

Ramco Capabilities

- Mission Readiness Tracking – as per Task Order Requirements
- Global Supply Chain Visibility
- DCMA Compliance – For Cost Accounting and Contract tracking
- ITAR and Export Compliance
- Inventory Ownership Tracking – Customer, Govt , Owned, etc.

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Ramco Aviation Software

Onboard a Single platform On Cloud / On Premise

Engineering & CAMO	Maintenance	Supply Chain		MRO & Part Sales	Flight Operations	Safety, Quality,Compl.	Manufacturing	Employee Management	Finance & Accounting
Configuration Management	Line Maintenance	Parts Administration	Supplier Management	Customer Management	Journey Log Entry	Compliance Reporting	Product Data Management	Employee Information	Enterprise Setup
Maintenance Program	Hangar Maintenance	Warehouse Management	Procurement Administration	Contract Management	Flight Charter Contracting	Quality Audit Management	Planning and Scheduling	Certifications & Qualification	General Accounting
Technical Records	Engine Maintenance	Material Planning	Repair & Exchange Mgt.	Customer Order Management	Flight Sheet Management	Occurrence Reporting	Manufacturing Execution		Accounts Payable
AD & SB Management	Shop Maintenance	Stock Management	Loan & Borrow	Quotation and Pricing	Crew Scheduling	Standard Reliability	Engineering Change		Accounts Receivable
Maintenance Planning	Tool & GSE Management	Physical Inventory & CC	PBH & Consignment	Part Pooling & Exchanges	EFB Central				Management Accounting
Task Card Management	Dent & Buckle Administration	Inventory Analysis	Claims & Warranty Mgt.	Part Sale Management	Flight Contract Invoice				Fixed Assets
Library Management	Assignments & Time Tracking	Scrap Management	Goods Receipt	MRO Warranty					MRO Invoice
e-Publication	e-Signoff	Shipping							Financial Posting Engine

Enterprise Add-ons

Hubs			Mobility		Platforms		In-memory Planning & Optimization (iPO)		Eco-System	
Work Reporting Hub	Procurement Hub	Customer Order Hub	Warehouse Anywhere	Approval Anywhere	Workflow	Integration Gateway (iRIS)	Resource Optimization	Inventory Optimization	SPEC 2000	FedEx
Shop – Quick Actions Hub	Inventory Hub	Fixed Asset Hub	Mechanic Anywhere	Tool Anywhere	Dashboards	MAIL IT	**Digitization**		Customer Portal	OEM Data Interface
Technical Records Hub	Repair Hub	Accounts Payable Hub	Manage Anywhere	Fly Anywhere (EFB)	AI / ML	BoTs	Digital Task Card	E-forms		
Engineering Hub	Demand Hub	Financial closure Hub	Line Anywhere (Offline)	Crew Anywhere	Report Writer	I-Extension Development Kit				
Engine Visit Hub	Part Kitting Hub	Fleet Overview Hub	Route Anywhere							

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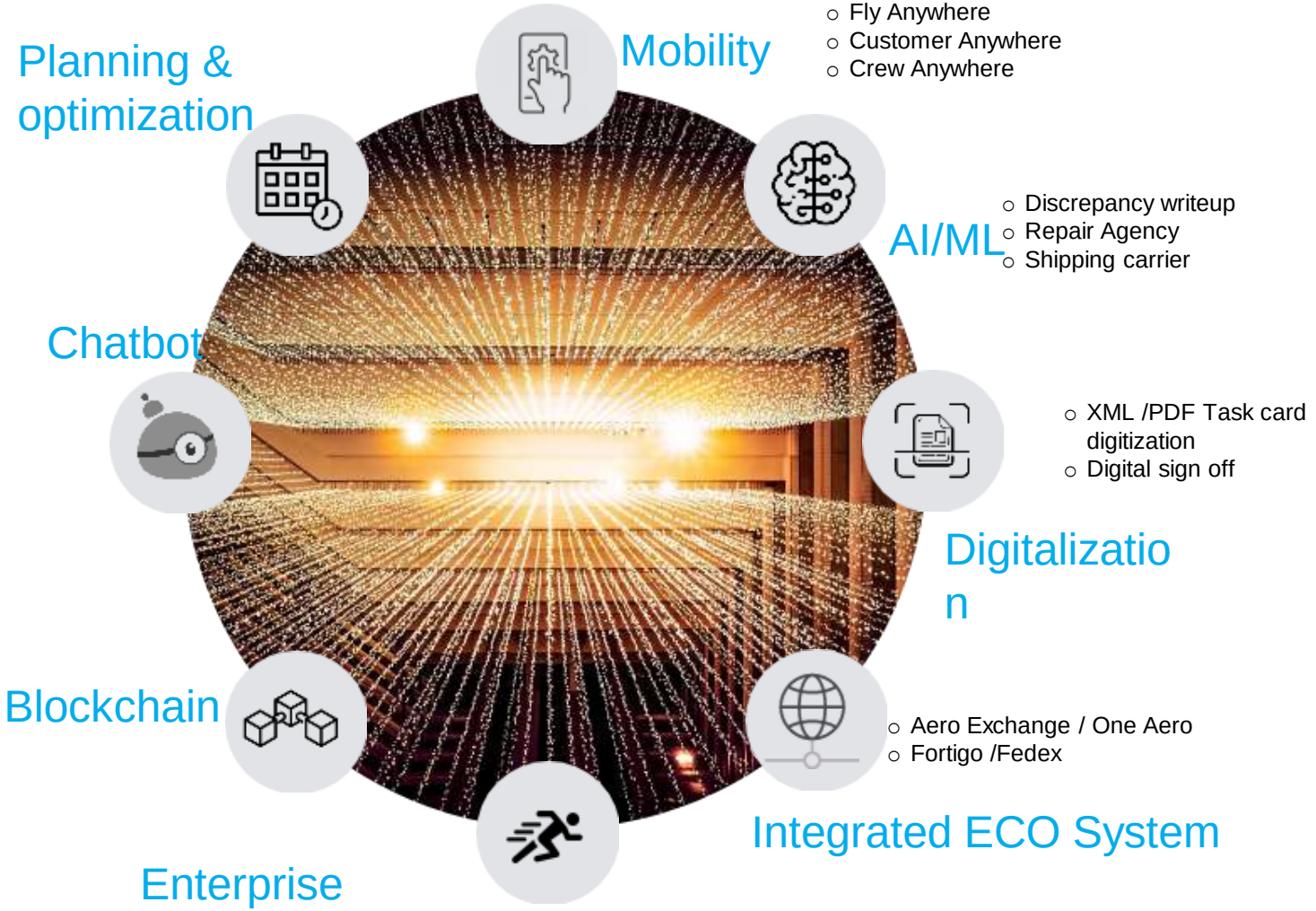
Key technology drivers of Digital Transformation



- Mechanic Anywhere
- Line Anywhere
- Warehouse Anywhere
- Fly Anywhere
- Customer Anywhere
- Crew Anywhere

- Discrepancy writeup
- Repair Agency
- Shipping carrier

- XML /PDF Task card digitization
- Digital sign off

- Aero Exchange / One Aero
- Fortigo /Fedex

Engine Maintenanc
AIRFRAME Maintenance
Component Maintenance
Engineering & Tech Records
Manufacturing
External Repairs
Commercial s
Advanced SCM
Financial s

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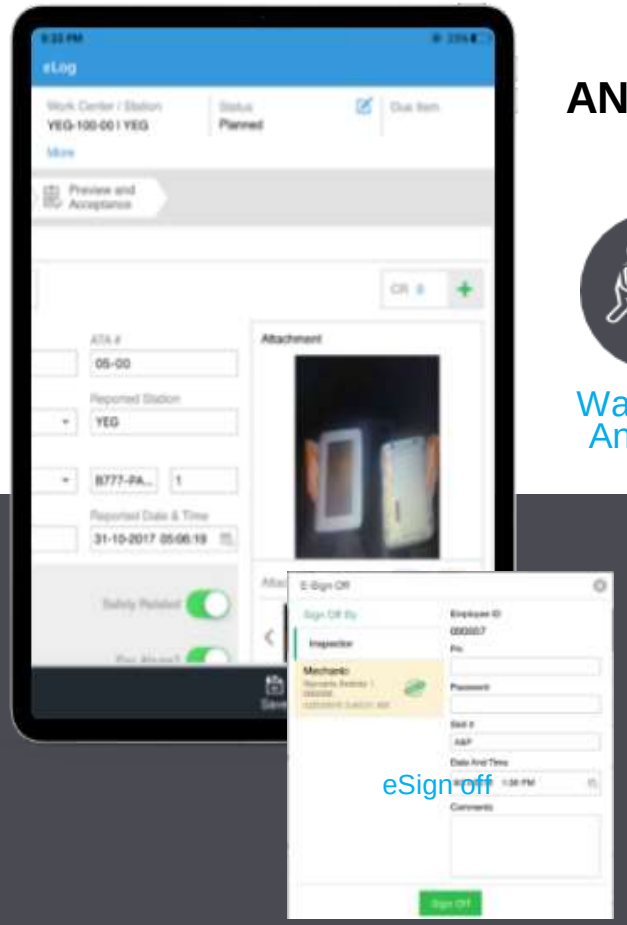
Mobile Apps for each role in an MRO organization



eSign off

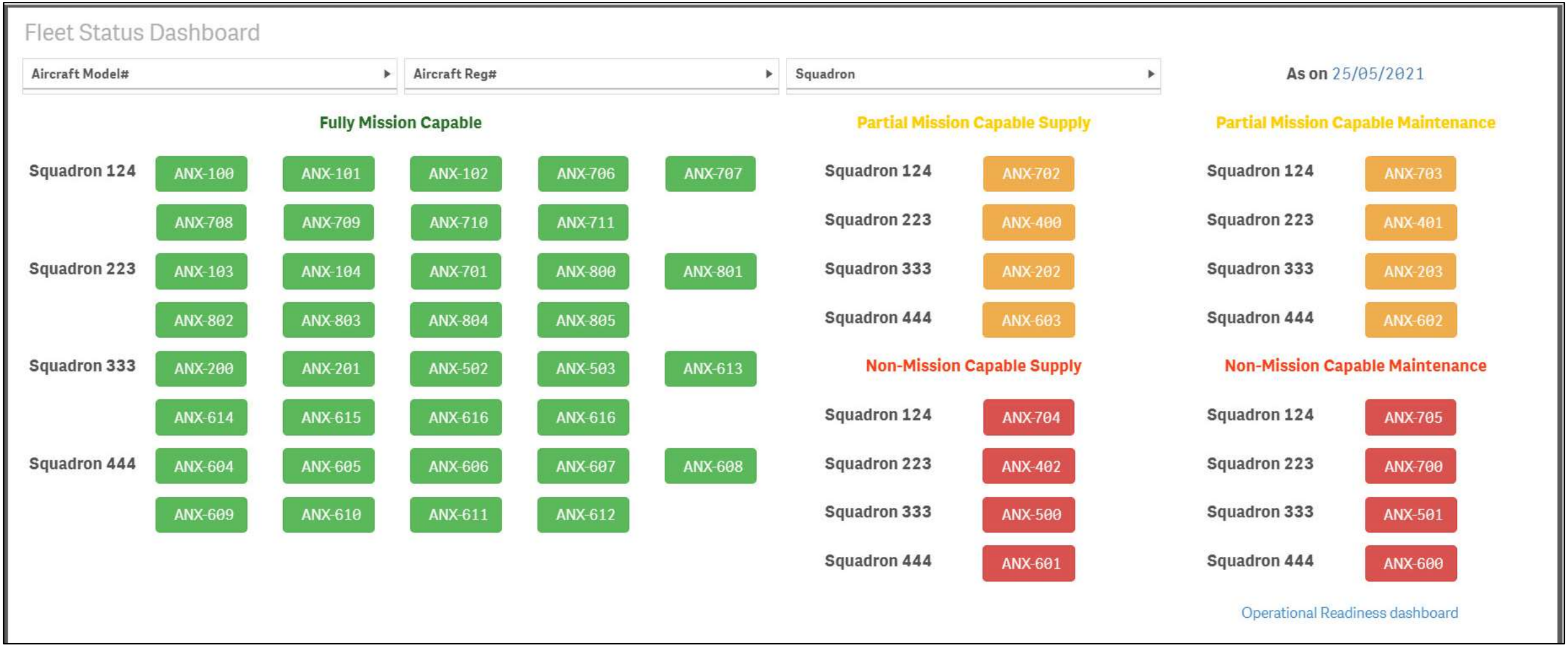
ANYWHERE APPS

- Warehouse Anywhere
- Mechanic Anywhere
- Line Anywhere
- Crew Anywhere
- Route Anywhere
- Approve Anywhere
- Tool Anywhere
- Manage Anywhere
- Fly Anywhere

- Bar Codes
- AI / ML
- E Sign
- Notifications
- Voice
- Offline
- Facial & Camera
- Chat s
- Multi-language
- Maps & Live Tracking

Mission Readiness Dashboard for managing Asset Availability…

A detailed, Dynamic, and Real Time Dashboard



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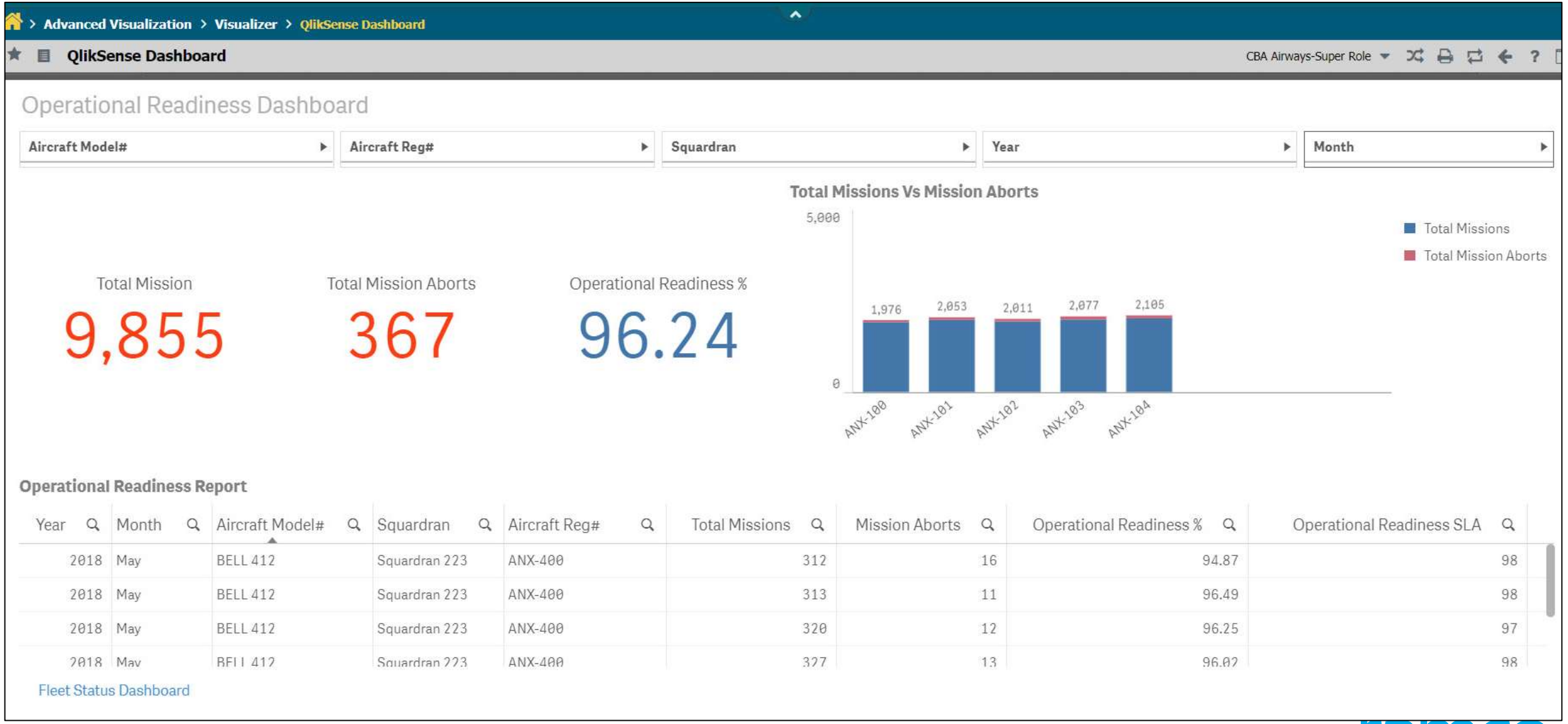
...along with Operational Readiness Rate Visibility



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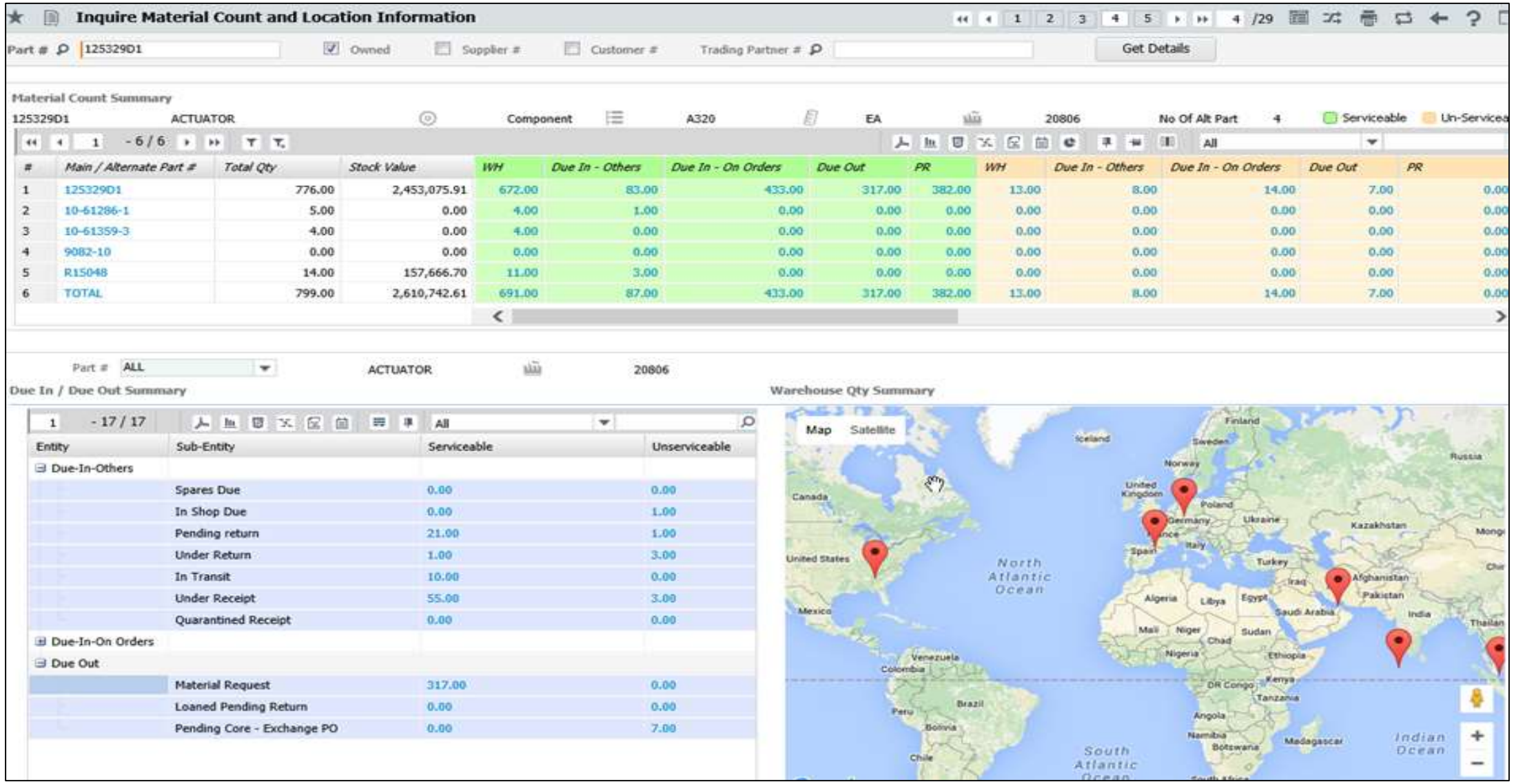
Global Visibility of Inventory



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Thank You

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