

# Ramco MRO Solution

Meet the most intelligent  
and powerful MRO  
software.



ramco  
aviation  
software v6.0

The future of  
aviation software,  
today.





# 6 benefits.

## #1

### Purpose Built Engine MRO

- Purpose-Built Engine MRO tailored for the aviation industry
- Seamless Engine Configuration Lifecycle Management
- Simplified Workscoping and Managing Iterations
- Enhanced Work Execution Features for Complex Assembly Operations
- Robust Framework for Defining and Tracking Limits of LLP Parts
- Graphical Intuitive Hub for Marshalling and Kitting
- Comprehensive Pricing and Billing for Engine Maintenance

## #2

### Digital Value Chain

- Modern Customer Portal
- Integration with OEMs
- eForms
- Mechanic Anywhere for a Digital MRO / Airline World
- EDI Integrated in Hubs
- One-on-one Chat in Mechanic Anywhere
- Document Hub
- Shipping Carrier Integration

## #3

### Contract-to-Cash

- Enhanced Contracting and Contract Baselines with Downstream Integration
- Contract Parameters Driving Execution
- Automated Engineering Compliance and Controls
- End-to-End Automated M&E MRO Accounting
- Invoicing & Realization



## #4

### Tech Led Optimizations

- Intelligent Aviation MRP
- Production Work Order Scheduling & Optimization
- Discrepancy Clustering and Troubleshooting using AI/ML
- Auto Codification for Supplier Invoices
- Cognitive Discrepancy Reporting & Resolution
- Frequently Requested Parts

## #5

### Advanced Supply Chain

- Intelligent Aviation MRP
- Automated Procurement
- Decision Support and Review
- Digitizing Part Routing Operations
- Enhancements in Repairs, Rentals, & Warranty
- Continuously Enriching Apps for Further Efficiencies
- Extending Eco-System Integration

## #6

### Strengthened Compliance and Controls

- Advanced Control Checks in Planning & Compliance of Engineering Docs
- Task Sign-Offs with Biometrics & Geo-Fencing
- Enhanced Capability and Certification Checks for Parts and Services
- End-to-End Solution for Managing US Defense Contracts
- Trade Compliances for ITAR Parts

1 solution.

Version 6.0 means you don't have to watch your six anymore. We'll do it.

Ramco Aviation Software v6.0 isn't just any upgrade—it's a revolution in how aviation businesses can function. Those who run aviation businesses know the anxieties of thousands of moving parts, each of which matters. And we have built a software that takes care of all aspects of aviation businesses.

This release introduces groundbreaking technologies and capabilities designed to transform your business for process automation, visibility, scale, and profitability, today and tomorrow. Take advantage of AI-driven insights, advanced automation, and seamless integration of processes—each custom-built for the aviation industry. Whether your business is in MRO, or heli ops, or defense, or OEMs, or commercial airlines, or charters, or drones and eVTOLS, Ramco Aviation Software v6.0 is the only software solution you will ever need.



# Revolutionize your MRO operations with Ramco MRO Solution. Optimizing Component, Engine, Line, and Hangar MRO Services.

**Get them off the ground. And keep them there.**

Ramco Aviation MRO Software is a comprehensive solution designed to meet the unique needs of Maintenance, Repair, and Overhaul (MRO) operations in the aviation industry. As aircraft become increasingly complex and regulatory demands grow, the need for an integrated, end-to-end software solution has never been greater. Ramco's Aviation MRO software is purpose-built to streamline operations, enhance efficiency, and reduce costs, ensuring your fleet remains in peak condition with minimal downtime.

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## Component MRO

Component MRO is critical to ensuring the readiness and reliability of your aircraft. Ramco's software provides a unified platform that manages the entire lifecycle of aircraft components, from receipt to ARC release.

The solution includes:

- **Component Receipt to ARC Release:** Ensuring all components meet regulatory standards.
- **Quote Management & Invoicing:** Streamlined processes for faster turnaround.
- **Customer Interaction Capabilities:** Enhanced usability and interaction for better service.

With Ramco's Component MRO module, you can reduce manual errors, ensure compliance, and enhance operational efficiency.

## Engine MRO

Engine maintenance is one of the most critical and cost-intensive aspects of aviation MRO. Ramco's Engine MRO software module offers robust support for:

- **Slot Management:** Efficiently manage engine repair slots to maximize throughput.
- **Work Scope Evaluation:** Ensure thorough inspection and maintenance.
- **Maintenance Tracking:** Keep detailed records of engine performance and maintenance history.
- **Digitized Task Cards:** Automate and standardize engine maintenance tasks.

By leveraging Ramco's Engine MRO capabilities, airlines and MRO providers can reduce maintenance costs, improve accuracy, and accelerate turnaround times, keeping engines running smoothly and reliably.

## Why Choose Ramco?

Ramco Aviation MRO Software stands out due to its advanced technological features, including:

- **Cloud-Based Solutions:** Accessible from anywhere, anytime, on any device.
- **AI & ML Integration:** Automate processes and gain predictive insights.
- **Multi-Tenant Capability:** Scalable solutions tailored to your specific needs.

Choose Ramco for cost-effective, efficient, and future-ready MRO operations. Explore how leading aviation companies are transforming their MRO processes with Ramco's state-of-the-art solutions.

## Line MRO

Line maintenance is vital to maintaining operational readiness with minimal downtime. Ramco's Line MRO software ensures:

- **AMO and Line Station Maintenance Operations:** Seamless integration with day-to-day operations.
- **Defect Reporting and Work Scoping:** Real-time defect reporting to streamline maintenance tasks.
- **Flight Service Billing:** Automated billing processes to enhance financial transparency.

Ramco's Line MRO module allows for real-time data access and process automation, ensuring that your line maintenance operations are always ahead of schedule.

## Hangar MRO

Managing hangar maintenance operations requires meticulous planning and execution. Ramco's Hangar MRO software simplifies this complexity by offering:

- **Aircraft Induction to Billing:** A comprehensive workflow from the time an aircraft enters the hangar to its final billing.
- **Work Scope Management:** Ensure all tasks are planned, assigned, and completed efficiently.
- **Customer Interaction Capabilities:** Enhanced usability and interaction for better service.

With Ramco's Component MRO module, you can reduce manual errors, ensure compliance, and enhance operational efficiency.

# Ramco Aviation Software

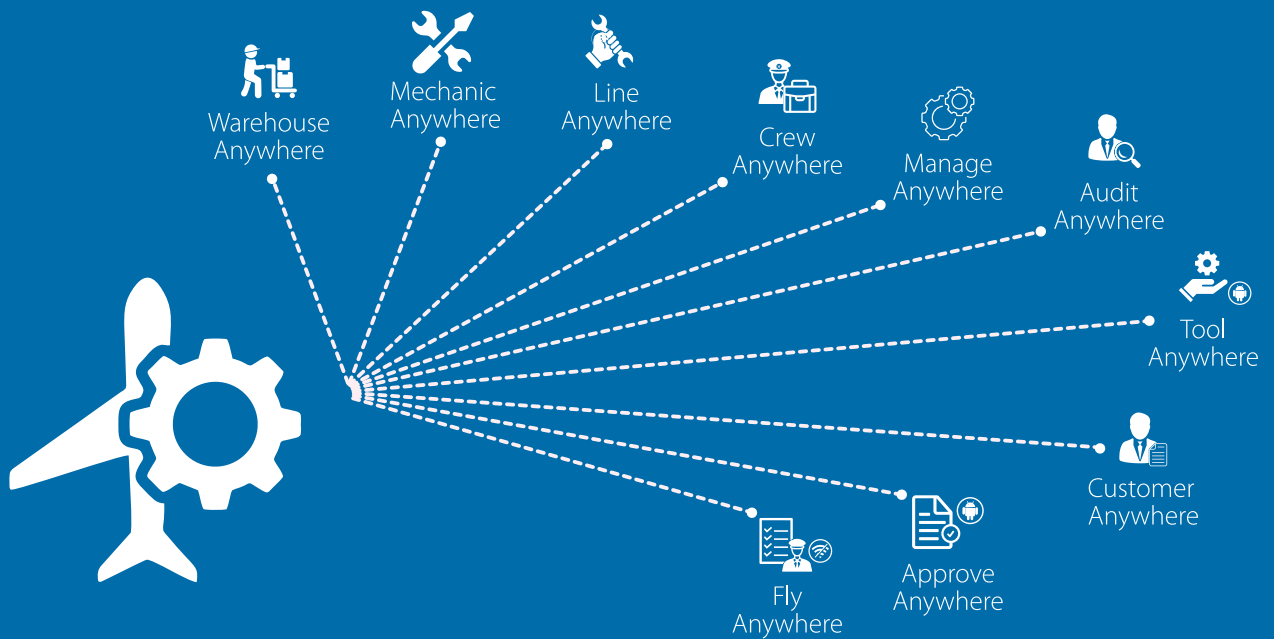
## Onboard a Single Platform - On Cloud or On Premise

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	Training	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	Part Kitting & Marshalling						Financial Posting Engine

### Enterprise Add-ons

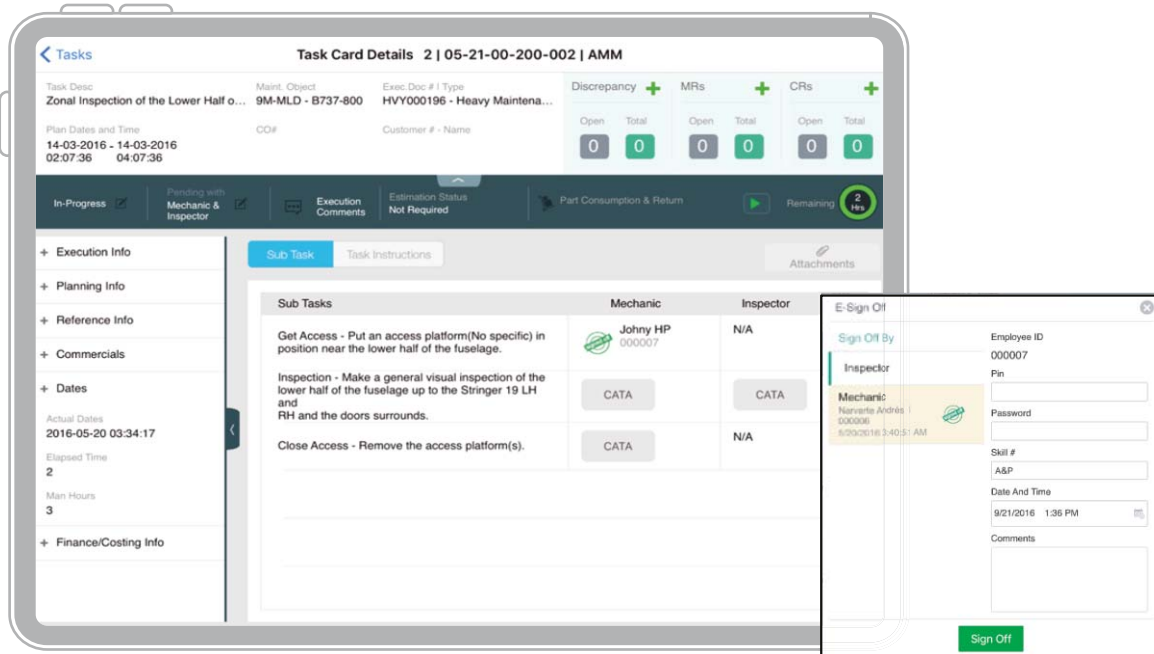
Hubs			Mobility		Platforms		In-memory Planning & Optimization (iPO)		Eco-System	
Work Reporting Hub	Procurement Hub	Customer Order Hub	Warehouse Anywhere	Approval Anywhere	Workflow	Integration Gateway (IRIS)	Resource Optimization	Inventory Optimization	SPEC 2000	FedEx
Shop-Quick Actions Hub	Inventory 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			
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		E-forms					

## Ramco Mobile Apps Driving Digital Transformation





# Mobility - Digital task card access for mechanics with electronic signature

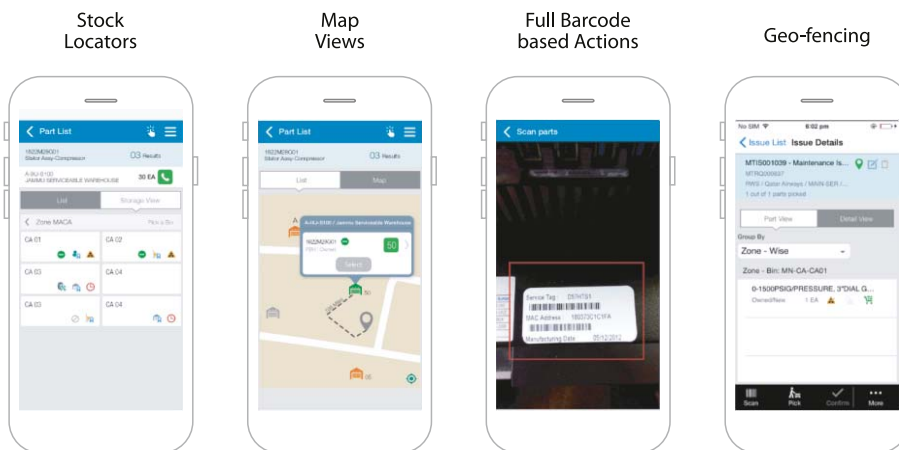


# Mobility - All Stores Activities ON a mobile



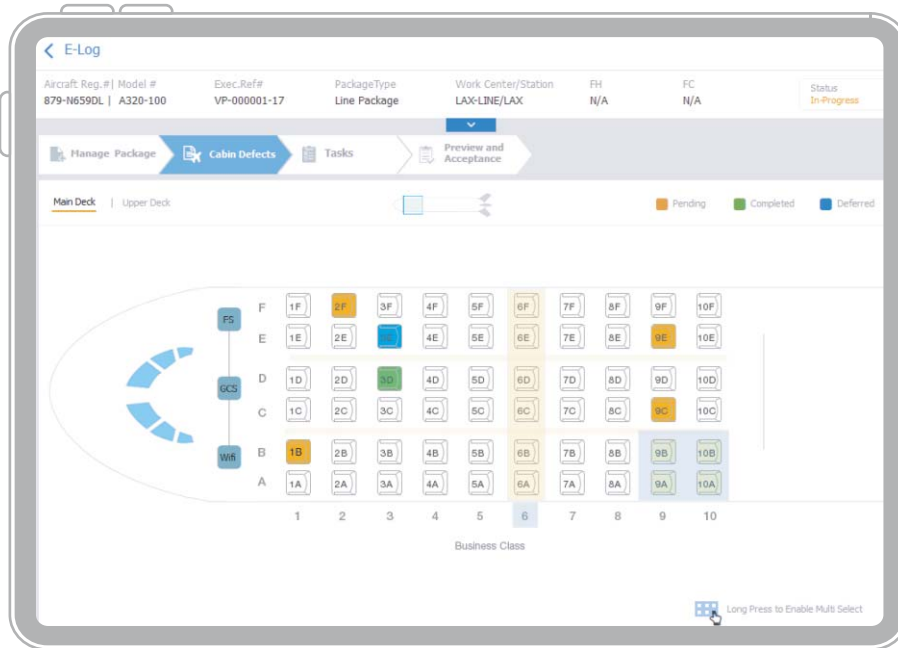
All at the click of a button

## Warehouse Anywhere



Pin turns red when outside the fence, disallowing warehouse actions

# Mobility: Electronic Log



Cabin Equipment Configuration

Offline App

Usage of Haptic Functions

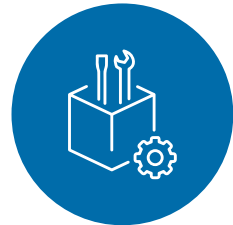
A system that can take actions proactively



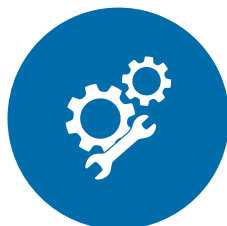
Automatic Mechanic assignment



Assisted Discrepancy recording and suggestion of corrective actions



Auto suggestion of task parts and resource requirement

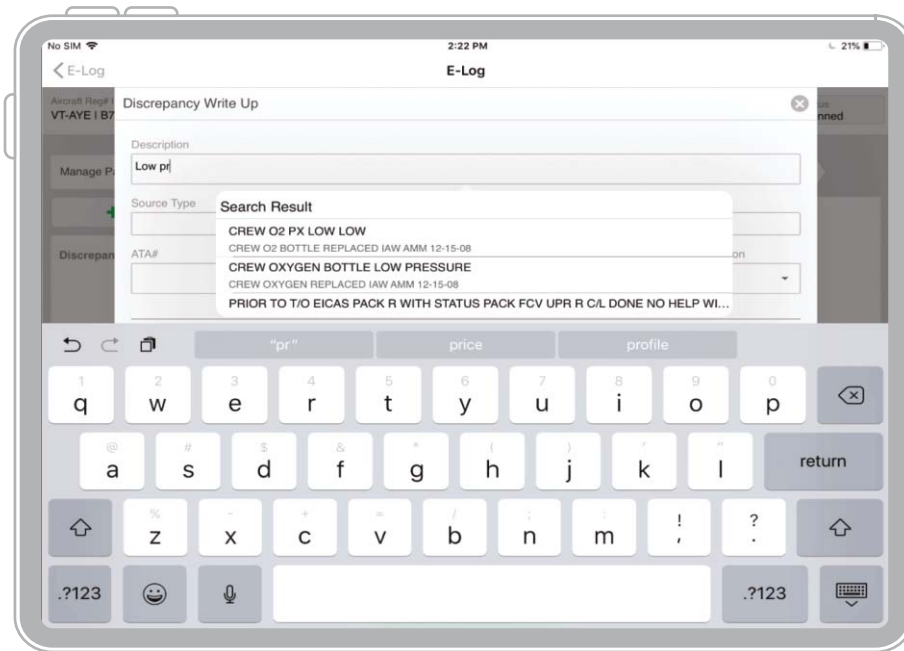


Parts ordered together frequently



Re-confirmation of task sign-off – rejection risk

# Assisted Discrepancy recording



Assisted discrepancy recording - based on the task the mechanic is performing on a particular aircraft part

# Ramco Intelligent ERP powered by Artificial Intelligence



Cognitive Intelligence for Data entry



Visual - Facial



Natural Language based Chat BOTS and Voice Assistants



Intelligent Notifications & Actions



# Ramco Systems - Aviation, Aerospace and Defense Overview

Part of USD 1 billion Ramco group


over  
90 Customers

across  
29 Countries

24 Global offices



  
4000+ Aircraft

  
24000+ Users

Serving



MROs



Defense



Heli Ops



OEMs



Airlines



Charters



Drones

25+ years of Implementations Experience

# Ramco's Key Customers Worldwide



**KOREAN AIR**



**Panasonic**



**DRAKEN**  
International



**AIRBUS**



**TOP ACES**



**Patria**  
Helicopters AB



الإتحاد  
**ETIHAD**  
ENGINEERING



**AIA ASIA**  
Company Limited



**NETJETS**

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The future of  
aviation software,  
today.



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