

# Impresa™ MRO Software

Modern Aviation Maintenance Execution Platform

Cloud-ready platform orchestrating **people, parts, tools, files,**  
**and data** across the MRO lifecycle.



## The Impresa MRO Platform

A modern, cloud-ready, self-hosted platform designed specifically for aviation maintenance organizations.

Powered by a scalable cloud architecture and enhanced by AI-driven insights, the platform supports complex aviation maintenance environments where compliance, traceability, and operational efficiency are critical.

## Purpose-Built for Aviation Maintenance

The platform supports the full spectrum of aviation maintenance activities, including:

- Heavy aircraft maintenance
- Line, component & shop maintenance
- Engine/complex assemblies
- Materials, inventory, procurement, and logistics
- Planning, scheduling & labor management
- Compliance, audit, certification, and QA
- Financials, billing, and contractual management
- Digital execution across the entire MRO lifecycle
- Tooling and GSE management and calibration
- Part out asset value analysis
- Fleet maintenance
- Engineering and technical documentation to support CAMO's

## Operation Outcomes

The platform connects previously disconnected systems into an integrated aviation maintenance environment, resulting in:

- Faster turnaround times (TAT)
- Greater operational visibility
- Stronger compliance readiness and traceability
- Improved planning and material availability
- Aligned coordination across engineering, maintenance, and supply chain teams

## Designed for the Aviation Ecosystem

Built to support the operational needs of:

- Third-party MRO providers
- Commercial airlines
- OEM service organizations
- Component repair shops
- Defense aviation sustainment operations



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## See Impresa in Action

Learn how aviation maintenance organizations reduce turnaround time and improve operational visibility with Impresa MRO.

## Scan to Explore Impresa



## Real-Time Visibility

Consolidate maintenance data into a unified dashboard that provides maintenance leaders with real-time operational insight across all maintenance activities.

- Work order progress monitoring
- Operational dashboards
- Production status reporting
- Capacity and workload visibility
- Maintenance performance analytics

## Optimize Turnaround Time (TAT)

Automate maintenance scheduling, resource allocation, and real-time workflow tracking to streamline maintenance execution, reduce cycle times, and accelerate aircraft return-to-service.

- Maintenance scheduling automation
- Resource allocation optimization
- Real-time workflow tracking
- Cycle time reduction
- Accelerated aircraft return-to-service

## Compliance & Regulatory Management

Embed compliance controls directly into maintenance workflows to support regulatory adherence, audit readiness, and complete maintenance traceability.

- Audit-ready digital records
- Full traceability for parts, tools, and tasks
- Controlled document version history

## Supply Chain & Parts Management

Ensure materials, tools, and parts are available when maintenance work is performed.

- Procurement & RFQ management
- Vendor and supplier management
- Inventory, rotables, and warehouse control
- Parts kitting and materials allocation
- Consignment and pricing management

## Advanced Analytics & Reporting

Transform maintenance data into actionable insight with real-time analytics, forecasting tools, and performance reporting that support faster, data-driven operational decisions.

- Real-time operational analytics
- Maintenance forecasting and planning insights
- Operational performance metrics and reporting

## Cost Reduction & Operational Efficiency

Improve operational performance by reducing costs, eliminating labor inefficiencies, and minimizing turnaround-time pressures while increasing maintenance capacity, throughput, and overall operational efficiency.

- Operational cost optimization
- Labor efficiency improvement
- Reduced turnaround-time pressure

## Global, Scalable Operations Support

Support diverse aviation maintenance environments across global operations from a single configured enterprise platform designed to scale with organizational growth and complexity.

- Commercial aviation operations
- General aviation maintenance
- Military and defense programs
- Engine and component MRO providers
- Drone and UAM operators

