CASE STUDY

Turbine Controls Modernizes MRO Operations with Impresa™ MRO.

OVERVIEW

Turbine Controls Inc. (TCI), a global leader in engine component overhaul and repair services, operates from specialized facilities in Connecticut and Florida. With decades of experience in the aerospace sector, TCI supports a wide range of rotating, static, and life-limited parts, performing nearly 90% of its processes in-house. TCI needed a modern aircraft MRO software solution to replace fragmented tools and manual processes. They selected Impresa™ MRO as its end-to-end platform for digital transformation to streamline operational efficiency, MRO inventory management, enhance visibility, and strengthen compliance.

CHALLENGE:

Prior to Impresa, TCI relied on a combination of Microsoft Word, Excel spreadsheets, and a custom build accounting system that offered only limited visibility into job costing and materials. This patchwork of manual tools resulted in inefficiencies, especially when it came to tracking labor, materials, and real-time financials. According to Christopher Kohlhauser, a key leader at TCI, "*There was no real process. We couldn't truly see the 100% cost of a job or access live data in a meaningful way.*"

WHY IMPRESA:

TCI chose Impresa MRO because it delivers a purpose-built MRO system that unifies accounting, labor tracking, engineering routing, and compliance tools into a single platform. "That was the biggest sell in the beginning. We needed something purpose-built for MRO" said Kohlhauser. "Impresa had everything aligned with how we actually work." Unlike generic ERP tools, Impresa MRO software was designed specifically for aviation workflows, aligning directly with how technicians, planners, and managers operate.
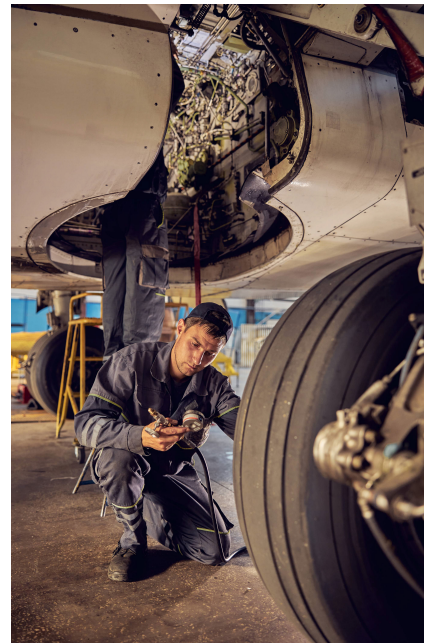
IMPLEMENTATION EXPERIENCE:

The transition to Impresa was smooth and highly collaborative. Coming from SAP-heavy environments, Joe Wrubleski, Director of Operations, TCI praised Impresa's usability, noting, "*Compared to SAP, you don't need a subject matter expert to dig through multiple layers just to find information. Impresa is much simpler and more user-friendly.*" TCI's internal users have quickly embraced its intuitive interface, while real-time access to work orders, materials, and labor data has enhanced responsiveness and strengthened collaboration across departments. This improved responsiveness and cross-departmental collaboration are hallmarks of a modern MRO platform.

IMPACT AND RESULTS:

The shift to Impresa MRO software brought immediate, measurable benefits across financial, operational, and regulatory areas. With real-time access to labor, materials, and cost data, TCI gained the financial visibility needed to make faster, more informed decisions, whether choosing to rework a component or advising customers on cost-effective repair options.

Productivity also improved significantly. Managers and technicians can now respond to customer inquiries and shop floor questions in minutes rather than days, transforming responsiveness and efficiency. This improvement has reduced delays and strengthened overall workflow management within the aircraft maintenance process.

In addition, built-in compliance management tools enhanced regulatory confidence. By strengthening FAA and EASA audit readiness and ensuring complete lifecycle traceability, the platform provided assurance that TCI's operations are not only efficient but also fully aligned with stringent aerospace industry requirements.

TESTIMONIAL:

"*Having the ability to instantly see where we stand on a job, financially and operationally, has changed our business*," said Wrubleski "*You can't put a price on that!*"

CONCLUSION:

For TCI, the adoption of Impresa MRO has not only streamlined its day-to-day operations, but also laid the groundwork for smarter, faster, and more scalable growth. As regulatory pressures increase and customer demands evolve, TCI is better equipped than ever to deliver precision service with complete confidence.

ABOUT TURBINE CONTROLS:

Turbine Controls Inc. is a global MRO provider for aerospace engine components, with a reputation for quality, precision, and technical excellence. Learn more at tcimro.com.

ABOUT IMPRESA:

Impresa Corp delivers next-generation aviation MRO software that unifies people, parts, tools, files, and data into a single, orchestrated platform. Designed by aerospace professionals, Impresa MRO helps airlines, OEMs, and third-party providers reduce turnaround time (TAT), improve compliance, and lower total cost of ownership. With flexible self-hosted deployment and real-time visibility, Impresa enables organizations to meet today's challenges and the future demands of aviation maintenance. Learn more at impresa-us.com.