



REAL TIME DATA & IN-DEPTH ANALYSIS LEADS TO BETTER DECISION MAKING

PROBLEM

PHI predicted rapid growth of their business in the immediate future and wanted a system that seamlessly integrated across maintenance, materials and finance & accounting. The growing number of bases also called for a system that will be web centric for use by the personnel in the field bases. This will provide for real time data for better analysis and decision making.

FEATURED SOLUTIONS

- Ramco Maintenance & Engineering
- Aviation Analytics
- Electronic Flight Bag

ENGAGEMENT MODEL

On Premise		On Cloud
Domain experts		Change Management experts
Out-of-the-box		Large scale implementation

BUSINESS NEEDS

- Disparate systems – over 1000 individual data silos needed to be replaced with 1 source of data
- An IT system that is aligned with PHI's expansion of global operations with excellent scalability
- Ability to plan heavy maintenance of their aircraft to reduce downtime of aircraft
- Ability to have near zero usage of paper (paperless Shops & Hangars)
- Streamline supply chain across their growing number of bases
- Optimize inventory across all field bases
- Ability to track warranty efficiently
- Replace the home grown EFB with a robust product that will be state of the art in technology and features
- Reduce the time to bill after the flight had taken place

RAMCO'S SOLUTION

- Ramco's web centric application with rich functions in maintenance, engineering and supply chain provided seamless flow and visibility of data across these functions
- Integration with their accounting system with minimal to no human intervention
- Centrally controlled resource requirements (Man power, materials & equipment)
- Streamlined forecasting & planning of personnel and materials reducing their heavy maintenance time turn-around time by almost half
- Real-time tracking of aircraft usage and analysis resulting in PHI's ability to engage in new/competitive pricing models

- Comprehensive Materials Request Matrix, integrating all locations for automated flow of supply chain of parts
- Automated warranty claim generation based on set rules enabling PHI to track warranty even on small items
- Seamlessly integrated EFB providing the following:
 - Paperless cockpit
 - Offline system with ability to communicate through serial port
 - Simple & easy to use flight planning, fuel burn calculations and weight & balance
 - Near real time billing (Pilot pushes a button upon agreement by the customer in order to to update data into the billing system)

KEY BENEFITS

- Single source of data that is real time enabling better decision making
- Achieved paperless shops, hangars and cockpit
- Streamlined aircraft visit planning resulting in increased aircraft availability resulting in incremental revenue of \$1.5 million per year per aircraft
- Enhanced warranty tracking enabling savings of around \$6 million per year
- 99.9% Inventory accuracy at all stocking locations
- On-time billing and financial closure
- Complete visibility over parts (internal, external and under repair) across locations
- Automated flow of parts removing any manual intervention using min-max that automatically orders parts for optimal stocking
- Real time Warranty tracking discovered new savings



Ramco has tremendously helped reduce our turnaround time

Raylund Romero, Procurement Manager

