AAR’s 1MRO Software Suite
Application Overview
Enterprise Applications

- StAAR™
- IMOPS™
- APRISe™
- Business Intelligence
- Online Partner Services
- Dispatch Engine™
- Web Services
- Mobile Application
Managing the complexities of whole airframe MRO can be a daunting task. This work card and labor tracking solution allows full oversight and reporting of the entire project.

AAR’s flagship application is made for supply chain management. Tailored to the unique requirements of commercial and defense aviation, PBL, and MRO.

Data analytics, metrics, & scorecards to all business segments: from Supply Chain & Accounting, MRO & MFG, Commercial & Defense.
Strategic Tools by AAR

- AAR’s proprietary software for Aircraft MRO
  - Manage & track every step of an aircraft maintenance project
  - Efficient, user-friendly solutions for the shop floor
    - **Shift & Production Planning**: Track milestones & daily work card flow
    - **Handheld Solution**: Real-time work card collection & customer approvals
    - **Time Clock Kiosks**: Record attendance and labor collection
    - **IMOPS™ Integration**: Gives production planners material visibility
  - Designed to ensure a top-quality project
    - **Work Deck Management**: Audit tasks, labor, parts, & inspections
    - **Tooling**: Track tools and monitor calibration
    - **Flexible KPI Metrics and Scorecard tracking**
  - **Customer-Centric Solution**
    - **Customer profiles**, contracts, files, requirements, & history
    - **Electronic Media** to customer: All work cards & mat certs
Process-oriented & event-driven supply chain solution

- Dynamic application tailored to the unique requirements of aviation
- Comprehensive, user-friendly search of current & past inventory, price history, open orders, customer history, and more
- Complete support for order management & warehousing
  - End-to-end processing of Purchase, Repair, & Customer Orders
  - ISO9000 compliant Inbound & Outbound Quality Processes
- Records virtually all critical inventory information
  - Document imaging tied to any transaction or record
  - Customer & Vendor Profiles
  - Aviation-centric Part Master
- MRO Module integrates to shop floor for component repair
  - Technicians enter requisitions & order material planeside
  - Auto Sourcing & UnsERVICEABLE Unit Dispositions
AAR Performance Reporting Information System

Web-based integrity solution for any enterprise

- Closed-loop process for management of internal and external:
  - Corrective and Preventive Action Requests
  - Investigations, Environmental Health & Safety issues
  - Import/Export compliance
  - Supplier Management

- System Features & Specialty Functions:
  - Audit Findings
  - Injury Reporting
  - Customer Feedback
  - Gov’t Communication/Visits
  - Directives, IFAs
  - Investigations
  - Classifications
  - Checklists

- Reporting/Dashboards, both customer and canned

- Built to complement ISO, MEDA, ICAO, & OSHA procedures that govern daily business activities
Readily available metrics reduce costs and ensure on-time delivery

- **MRO Dashboards** provide real-time & historical data from StAAR™
  - Schedule, Budget, Quality, Engineering, Materials, & Backshop KPIs
  - **MRO Facility Overview** and Bay View/Aircraft Status
  - Daily Card Status shows open cards, both routine & non-routine
  - First Time Yield pie charts show Accepted & Rejected cards with result reasons
  - Delivered Project reports for historical data analysis

- **Mobile BI**: Both internal & external supply chain visibility
  - Shop Dashboards are customized for:
    - Hangar bay
    - LCD screens
    - Laptops
  - Desktops
  - Tablets
  - Smartphones
  - **Customers can also have access via Tablets & Smartphones**
Business Intelligence for MRO

Real-time Dashboards for MRO

MRO Facility Overview

Bay View / Aircraft Status

Real-time Dashboards for MRO
Business Intelligence for Supply Chain

 Comprehensive solution for reporting & analysis

- Enterprise view of the supply chain for KPIs such as:
  - RCM Processing
  - Request Processing
  - Material Availability
  - Avg RO TAT
  - Open PO Aging
  - Open Core Returns
  - Staged Items
  - Open Requisitions
  - Returns to Stock
  - Open RO Aging
  - Sales Orders
  - NFF Reporting

- Mobile BI: Dashboards provide readily accessible supply chain visibility
  - Also available on customer Tablets & Smartphones outside AAR’s network
Online Partner Services

Business-focused technology to connect with customers

– Customers can view & interact with the entire Supply Chain Pipeline:
  • Shipments
  • In-Transit
  • Receipts
  • Inventory Status
  • RO/PO Status
  • Requisitions
  • Material Request
  • Online Ordering
  • RO Approval

– Provides MRO Visibility & interaction as well:
  • Work Card Approval
  • Customer Supplied Parts: On Order
  • Customer Inventory: On Hand
  • Work Card Status Summary

– Access to Business Intelligence KPIs, Dashboards, & Reporting

– Flexible system-to-system interfaces allow AAR to match each customer’s unique integration requirements
Robust data integration for a seamless supply chain

- AAR’s proprietary Dispatch Engine™ allows quick & efficient setup of new integration between internal & external applications.
Customizable technology to connect with customers

- **Business-Focused**
  - Free flow of information with customer systems is essential to win and retain lasting business agreements
  - Simplified way for customers to integrate our systems into their processes

- **Strong Technology**
  - Secure and robust way to handle real-time information flow
  - Developed to accept both industry standards for web service, creating a customer-friendly solution

- **Existing and Future Connections**
  - Currently connects to several trading partners, each with multiple, individually-developed web services
  - Continually adding new web services and trading partners
Future Offering: Mobile Application

Growth with technology on mobile devices

- Customers will have access to live IMOPS™ data on their mobile devices
  - **Search**: Enter P/N to view availability summary & inventory item details, including associated documentation
  - **Request**: Request a quote for stock items
  - **Buy**: Review past quotes & order online
AAR’s 1MRO Software Suite is world-class

Comprehensive solution for MRO & supply chain

– Successfully manage MRO workflow, Inventory, Quality, & BI Reporting

– Applications deliver actionable information to both shops & customers
  • Streamlines tracking, quality assurance, and completion of projects
  • Helps reduce turn times and lower costs
  • Facilitates customer involvement through effective information transfer

– The 1MRO Software Suite, which has been instrumental in powering AAR’s business operations, is now available for direct purchase