Aviation maintenance software solutions

Work Anywhere, Work Paperless

Trax

THE UNDISPUTED LEADING PROVIDER OF AVIATION MAINTENANCE MOBILE, PAPERLESS, AND CLOUD SOLUTIONS

- With hundreds of customers worldwide, TRAX has the bestselling MRO software on the market

- Commercial airlines, defense customers, as well as MROs, and aviation management companies

- Leading edge: paperless, biometric security, off-line capability, web-based solutions

- Manage, maintain, and analyze information generated by the organization to obtain maximum business benefit

- Ensures efficiency, lowering of costs and all around improvement
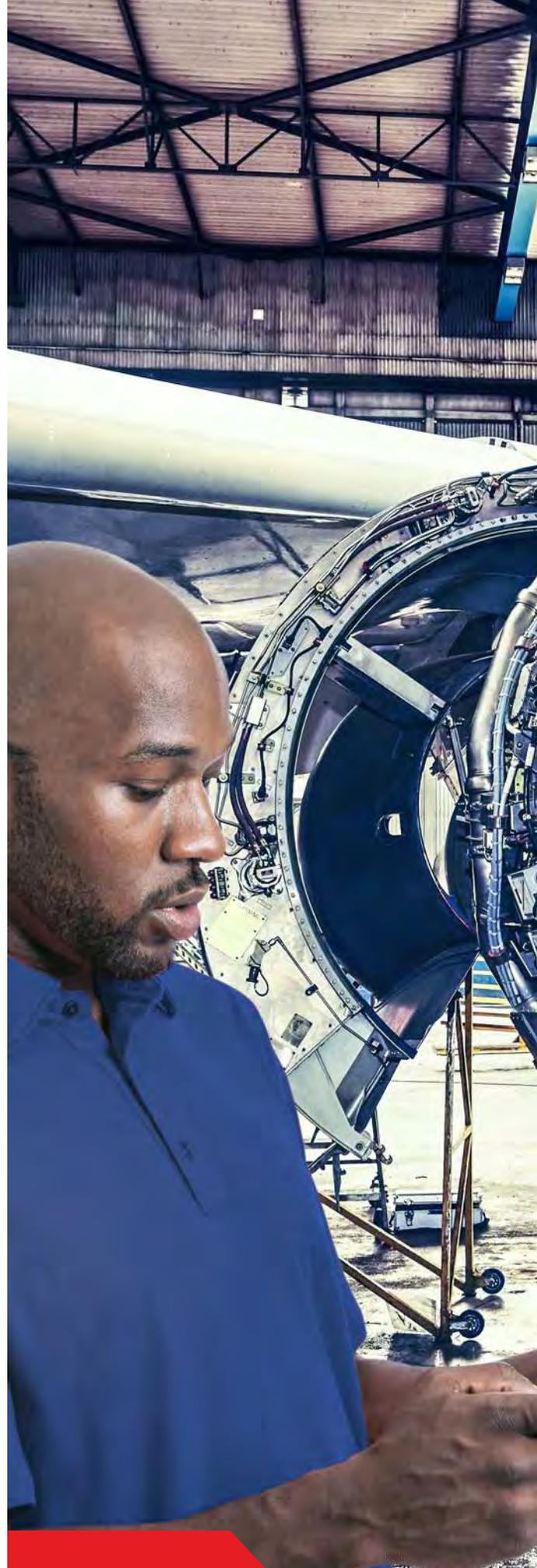
TRAX PRODUCTS

Work Anywhere, Work Paperless

eMRO

- Device-agnostic
- Any web browser
- Connected no matter where you are

emobility

- True Mobility is off-line capability
- iOS apps wirelessly manage your work from mobile devices
- Real-time information, real-time transactions

ENTERPRISE SOFTWARE SOLUTION

WEB-BASED:
Connect anywhere – work anywhere

FULLY INTEGRATED PRODUCT:
Complete information flow – complete system

eMRO System Modules

MATERIALS MANAGEMENT

- Efficiently and accurately control the acquisition and use of spare parts
- On-time and consistent order processing, shipping, warehousing, and part picking
- Accurate inventory counting, complete bills of material, lower error rates in shipping and receiving
- Eliminate interrupted work due to no materials
- Complete integration with financials
- RFID, B2B, Spec2000

TECHNICAL MANAGEMENT

- Full Regulatory compliance
- Informed decisions to meet maintenance goals
- Load all OEM digital data–manuals and operational data, including S1000D specification
- Analysis of requirements
- Planning for short, medium, and long-term events, hangar capacity, manpower, materials, and costs
- Digital documentation on desktop or mobile device
- Status reports, reliability analysis, predictive maintenance

Modules:

- Requisitions
- Orders
- Inventory
- Packing & Shipping
- Receiving

- Engineering
- Planning
- Technical Records
- Reliability
- TraxDoc

eMRO SYSTEM MODULES

MAINTENANCE MANAGEMENT

- Line, base, and component shops
- Reserve materials, manage turn-time, and schedule work orders, hangar slots, and maintenance personnel
- Detailed cost tracking
- Ground support equipment
- Third party contract management and billing
- Mobile, paperless workforce

FINANCIAL MANAGEMENT

- Single or multi-company functionality
- Journal entry detail
- Bi-directional finance system integration
- Asset management
- Three-way matching

QUALITY MANAGEMENT

- Audits – internal and external
- Training management and forecasting
- License approvals
- Full compliance

Modules:

- Production
- Shop
- GSE

- G/L Interface
- Link

- Quality Assurance
- Training

emobility

TRUE MOBILITY IS OFF-LINE CAPABILITY

- Suite of iOS and web-based applications
- Work anywhere, work paperless
- Real-time data
- Off-line capable
- Automatic synchronization
- Voice recognition
- Secured data
- Fully integrated
- Biometric security

eMOBILITY PRODUCTS
Web-Based Apps

PRODUCTION CONTROL
Dashboard view for monitoring hangar and work health, tracking on-time and overdue tasks, package workflow and handover data administration, shift management, and electronic work assignment.

CUSTOMER PORTAL
Dashboard view for MROs to communicate with their customers in real-time, and provide updates on the current work status on checks. Additional work, parts, non-routines and invoices can be accessed and approved online.

LINE CONTROL
Dashboard view for line maintenance, work-health monitoring, Task Card assignment, non-routine management, shift handovers, defect assignment, Geolocation, team communication.

SHOP CONTROL
Dashboard view for component repairs, task card assignments, shift handovers, non-routine management, defect assignments, team communication and work health monitoring.

eCONTENT CONTROL
Dashboard view for leased aircraft maintenance and compliance data. Detailed return conditions validated and lease return documentation generated. Controlled access for lessors.

eMOBILITY PRODUCTS
iOS Apps

TaskControl
Task Cards, data capture, Non-Routine Task Cards, material requests, read/sign, surveys, component change, barcode support, photo capture, notifications

QuickTurn
Aircraft turnaround support, system defect management, cabin defect log, delays recording, component changes, 3D dent mapping, material requests, notifications

AeroDox
Digital documentation, integrated with other apps, search and view documents, OEM data, internal documents, AMM, IPC, Video support, S1000D specification

CabinLog
Cabin crew defect reporting, in-flight or on-ground, graphical seat mapping, passenger commercial data, photo capture, notifications

PilotLog
Pilot log reporting, aircraft defect history, flight data, fuel data, servicing data, de-icing, electronic release to service, notifications

EzStock
Mobile warehouse management, picklists, issues, RTS, shipping, transfers, stock check, adjustments, tool management, notifications, RFID, barcode, Spec2000

VisualCheck
Emergency equipment inspections for missing or expired items, life-limited components maintained with RFID

FleetStatus
Manager's dashboard view of A/C in or out of service, Delays, Defects, and Work Order status

ADVANCED TECHNOLOGY

TRAX has innovative plans based on technology, regulatory requirements, and customer needs

Augmented reality

Machine learning

Predictive analytics

Voice recognition

Smart scan

Blockchain Part records

Remote inspection

Docker containers

Spec 2500

S1000D

PROFESSIONAL SERVICES

- Implementation
- Ongoing support
- Success guaranteed

- Expert teams
- Health checks

Implementation management

Data migration

Data integration / APIs

TRAX Cloud SaaS hosting

Customized training

Business health check

Business process documentation

Technical health check

Release upgrade services

Quality assurance testing

PURELY FOCUSED ON AVIATION

Various sectors have deployed our products for their aircraft maintenance and fleet management

Major Airlines / Cargo

Government & Defense

MRO Facilities

Regional Carriers
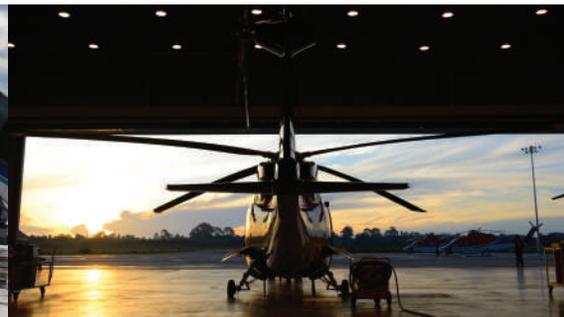
Rotorcraft Operators

Trax

emro.
Web-based MRO ERP app

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Truly mobile, off-line capable iOS apps

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