Aviation Process Control Software

tracware

Process Control Software for the Aviation Industry

- Aircraft Planning
- Aircraft Maintenance
- Engine & Component Overhaul
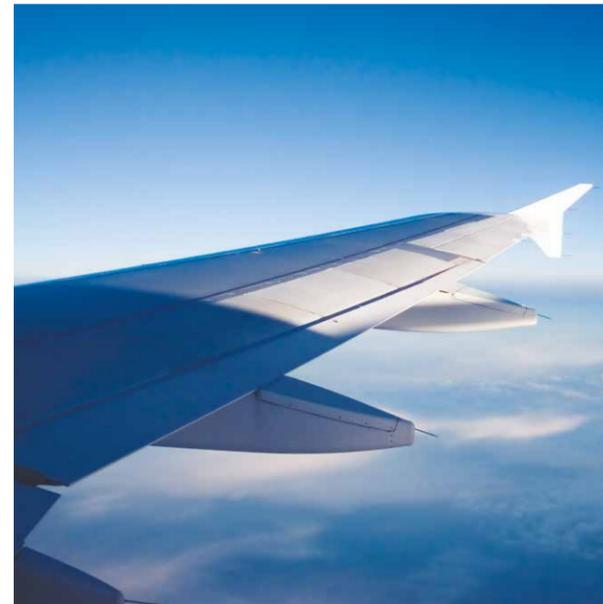- Piece-Part Processing and Repair
- Manufacturing

Welcome to TracWare's Process Control Software

This brochure introduces you to the solutions offered by TracWare. It is designed to outline the commercial benefits of these solutions, and to assure you of our pledge to provide the very best in stable, functional software and support.

TracWare specialises in providing solutions for the aviation maintenance, repair and overhaul (MRO) sector, including flight-based maintenance, flight training, engine / component overhaul, manufacturing and parts distribution.

Other brochures that cover these applications in greater detail are available from TracWare, and can also be downloaded from the TracWare website.

We look forward to the opportunity of being of service to you.

TracWare's Pledge

- is to help your organisation to succeed, by improving business processes whilst maintaining a high degree of quality and control.

TracWare can help you to do this in two ways. Firstly, by providing functionality that helps you to regiment and discipline the processes within your business. Secondly, by collecting, sharing and reporting on information, enabling pro-active decision-making, and providing instant snapshots of how your organisation is performing.

Put simply, our aim is to provide the solutions you need to run your business more effectively and profitably.

Unique Approach

Since its formation in 1999, TracWare has committed itself to providing applications and a level of service and support that offer you unrivalled value for money.

TracWare was one of the first Aviation MRO software providers to recognise the potential of the Microsoft SQL Server® database for a small to medium-sized business application.

The product is a robust, stable and maintenance-free resource.

TracWare's policies help Customers reduce the financial risk and disruption associated with system changes. These include fixed price implementations, staggered implementations, staged payment schemes, rental options, and annual support contracts that include updates, data fixes and additional functionality at no extra cost.

The result is a reliable solution that works day-in, day-out, providing a high level of Customer confidence and satisfaction.

AeroTrac™ Process Control Software

AeroTrac™ is our flagship product. It is designed specifically to meet the needs of aviation MRO businesses of all sizes. The software provides a strong but flexible backbone for your entire business operation.

What Makes AeroTrac Different?

AeroTrac is a product that has 'evolved' almost continuously since the first Go-Live in March 2001. The software has been developed from a single source code, making it extremely robust and reliable, low maintenance, supportable and simple to update / upgrade.

TracWare has forged unique partnerships with our clients and the End-Users to harness hundreds of "good ideas", which are then incorporated into the software in a consistent, regimented and integrated approach. The result is intuitive, hugely functional and consistent Enterprise Resource Planning "Process Control" software that really works.

AeroTrac is as near as you can get to an 'off the shelf' application, but developed as a bespoke solution by the Customer.

Who uses AeroTrac?

AeroTrac is used by:

- Small, medium and large businesses
- Businesses offering commercial maintenance services to third parties and non-commercial organisations
- Businesses offering maintenance only services for fixed and rotary-wing aircraft
- Organisations offering continued airworthiness aircraft maintenance planning functions
- Aircraft maintenance facilities offering aircraft modification services
- Engine Overhaul Workshops - from piston up to large gas turbine
- Component Overhaul shops
- Facilities offering piece-part repair and processing services, such as NDI, plating, coating etc
- Original Equipment Manufacturers producing aviation components
- Parts Distribution businesses, including those offering repair management services
- Businesses that offer any or all of the above services can do so using one single fully-integrated application

AeroTrac™ Process Control Software

Modules and Features

AeroTrac uniquely combines the technical, commercial, logistical and financial data in one solution to help manage the business processes specific to all disciplines of Aviation MRO from an initial tender, maintenance forecast, or receipt of a component for maintenance, through to final release, invoicing and dispatch. The system is modular and delivers an impressive array of functions. All the modules below are fully integrated to provide seamless transfer and visibility of data.

MRO
Total management of all aspects of MRO for both fixed and rotary wing aircraft, engines, components and individual piece-parts: including technical documentation, routes and repair schemes, inspection details, defect reporting, component management, robberies, NDI, electronic sign-off and much more.

Materials
Complete materials management designed specifically for aviation inventory control. Includes: Part Masters; PO / RO management, PO / RO invoicing, Process / Service Orders; aviation industry controlled processes for the receipt and issue of stock; Stock Types and Conditions; Exchanges / Rotables; Min / Max reordering; financial levels of control; Stock Take utility; multi-warehousing and numerous other features as standard.

Commercial
Manage all aspects of commercial third party services, including Customer Profiles; Contracts; CRM features; 'over the counter' Sales Orders and Invoices; Project Estimates / Invoices for maintenance work; MRO Quotations for tenders; Planned Arrivals for known inputs; RMA's; Core Control and more.

Quality Management (optional)
Features include Capability management; Tool control; Publications review; Desktop and External audits on Suppliers and internal departments; employee training records; licence control for technicians and pilots; Vendor rating based on PO / RO performance.

Aircraft Maintenance Management
Fully MSG-3 compliant functions which integrate with MRO for the complete management of aircraft, engines and components (on and off-wing), inspections, publications, utilisation, defect & reliability reporting, maintenance forecasting, release certification and a wide array of other features, functions and reports.

Admin, Finance & Personnel
Control access rights of Users & define User Roles; generate data for all transactions with financial implications; cover all transactions related to expenses, revenue, costs of sales, stock, WiP, labour, sub-contract etc.; Accounts Payable, Accounts Receivable and GL data can be integrated with an accounting solution, including payments; Personnel feature captures time-booking with optional bar-coded data collection, plus elements of time & attendance, non-productive hours etc, for accurate job-costing and performance management.

Publications
Complete Technical Library function. Create records of technical manuals and instructions issued by OEM's, Airworthiness Authorities, or any other body (including your own documents) with defined technical applicability and periodicity where applicable. Define Holdings such as Departments or Line Stations; issue controlled copies via Transmittals and acknowledge Receipts, review Issue and Revision status.

Engineering Work Orders (optional)
Specifically designed for small-scale aviation component manufacture and modifications, including aircraft mods. Features include: BoM's; Routes; Works Orders; Technical Documentation; Material Planning; Drawing & Tools registers; ECN; Works Order Inspections; Standard Costing. Suitable for standalone manufacture or integration with component / aircraft maintenance.

Other Optional modules

AeroTrac offers a variety of optional modules that seamlessly integrate into the main application to offer enhanced functionality to more discrete processes including: Warranty Management, AeroSector (eTechlog), Online Shop, AeroTrac Web Interface, Contract Management, Planning Management, FliteTrac, Advanced Parts Trading, TimeClock, Time and Attendance, Crystal Reports Integration, Multi-Lingual.

Increase Profits

AeroTrac will improve every aspect of your MRO business, providing data to analyse your KPI's, take measures to reduce costs, increase margins, improve performance and save both money and time. The software will pay for itself.

Improve Performance

AeroTrac is a tool to help the users perform a multitude of laborious tasks simply and accurately. Enhanced visibility of technical, commercial, financial and logistical information improves communication, planning and decision-making, thus improving accuracy, speed and quality.

Easy To Use

AeroTrac functionality follows intuitive steps, so that complex MRO processes can be handled succinctly and accurately. Screens have a consistent layout, so users quickly learn and adapt. Each screen mirrors the processes within the business, ensuring discipline, clarity and control.

Return on Investment

AeroTrac offers the opportunity to make a rapid return on investment. The enhanced functions and improved visibility reduce duplication, and increase the speed at which accurate data can be collected and utilised. AeroTrac allows the opportunity to confidently expand the business into new areas.

Data You Can Trust

AeroTrac is exceptionally robust and stable. Controlled data input produces reliable output. System defaults control the integrity of data that is entered, ensuring that vital information is not missed, thereby reducing the possibility of costly errors and improving quality.

Commercial Benefits

Access the data needed to identify the strengths and weaknesses within the business. Improve turn-time performance, provide better service levels, reduce costs, increase profit margins, enhance Customer communications, reduce disputed invoices and improve cashflow.

Greater Speed & Security

Extensive drill-down functionality, single point of entry for most data, user friendly screens, and automated functions all contribute to rapid accomplishment of day-to-day tasks. Administrator-defined control of screen access ensures security and accuracy of data.

Value for Money

AeroTrac offers an unrivalled level of functionality at an affordable price, with no hidden costs. After-sales service levels are second to none, and support contracts provide genuine peace of mind. This all adds up to a package that offers unbeatable value for money.

Outstanding Support

AeroTrac is delivered with total commitment from TracWare to ensure that software will work for you, and meet and exceed your expectations. TracWare understands that your success will also lead to our success.

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Contact TracWare

Brochures

If you would like more information on our software, simply contact us and let us know what area of the industry you are involved with and we will send you the relevant information. Alternatively, you can download brochures in a PDF direct from our website.

Demonstrations

If you would like a demonstration of the software, we would be delighted to arrange a visit at your convenience. Alternatively, we can arrange for an 'on-line' demonstration for overseas interest.

www.tracware.co.uk