Air Maestro
SAFETY | EFFICIENCY | COMPLIANCE

CAIRN aviation

Avinet

Air Maestro is a cloud-based aviation software solution designed to give you control of operational and safety information to effectively manage your business and assist with achieving regulatory compliance. Air Maestro enhances both personnel and management systems through the integration of safety, operational and fatigue management modules. Air Maestro enables you to achieve Safety, Efficiency and Compliance with integrated features supporting: Safety Management, Resource Planning, Operational Control and Reporting.

Inspired by the need for an industry-approved online safety and operational application, Avinet was established in 2005 to develop Air Maestro. The company has since expanded into other transport sectors, with operational and safety web-based applications Rail Maestro and Road Maestro. Air Maestro is Avinet's leading product and is supported by alliance partners across the globe. Air Maestro is implemented by a broad range of rotary and fixed wing aviation customers based in Australia, Africa, Canada, China, New Zealand, South-East Asia, United Kingdom and the United States. Sectors using the application include charter operations, aerial firefighting, aeromedical, police, aerial agricultural and airlines.

INTEGRATES SAFETY, OPS & FATIGUE

Unique to other SMS applications, Air Maestro includes comprehensive Fatigue and Operational Management modules. This prevents the use of disparate systems and integrates all alerting functionality for users in one system.

ANYWHERE, ANYTIME TECHNOLOGY

Air Maestro provides instant, on-demand access to vital information via an intuitive, easy-to-use interface. It allows for sensitive and critical data to be centralised and accessed securely from anywhere in the world, at any time.

DESIGNED WITH THE USER IN MIND

Air Maestro benefits all users across the operation – from administration staff to flight crew and technicians. Our application has the ability to quickly and easily create timesheets, validated rosters and verify training items for different departments.

OPERATIONAL FEATURES

ROSTERING

Compare between planned and actual rosters with roster and timesheet integration, versioning and alerting capabilities.

FLIGHT RECORDS MANAGEMENT

Drive accurate operational planning, maintenance schedules and invoicing by seamlessly integrating flight records with the reporting module.

FLIGHT & DUTY LIMITS

Create controls relating to shift and duty hours, rest periods and work patterns and apply these to the required departments to monitor compliance.
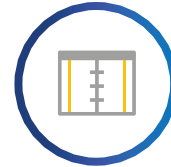
RECENCY & CHECK FORMS

Track all your recency/currency requirements for crew, aircraft and company with automated reminders of approaching expiries. Design custom check forms to update relevant recency items during checks.

TIMESHEETS

Monitor work practice control compliance in customisable timesheets. Personnel are automatically prompted to submit discretion reports when controls are exceeded.

LOG BOOK

Eliminate double entry for flight hours with a fully integrated log book which automatically updates after an entry in the timesheet module.

FATIGUE MANAGEMENT

Monitor personnel fatigue in the rostering and timesheet modules with internationally recognised fatigue risk models FAID® and Prior Sleep Wake.

SCHEDULING

Assign personnel and aircraft to a variety of tasks. Tasks include custom fields to capture required information for that activity. View and filter tasks and aircraft activity via multiple calendar views. Integrate with the rostering module to prompt schedulers when personnel allocated to a task are not rostered.

OPERATIONAL RISK ASSESSMENT

Create a variety of online risk assessment forms pertaining to company activities. Complete operational risk assessments before each flight/mission/activity to determine the risk associated with conducting the task and consequently whether it is advisable to continue the task.

LEAVE MANAGEMENT

Streamline your organisation's leave application and approval process with an online roster integrated solution. Receive email alerts for requests and view all leave requests in a centralised calendar.

ONLINE TRAINING & EXAMS

Create and distribute online exams for compliance or training based on selected or random questions. Charting and reporting capabilities allow you to analyse results and establish trends.

ABOVE: Rostering module

FORMS

Create customisable online forms ranging from leave applications, safety minute meetings and critical patient records. Establish access controls and sign-offs for each form type.

COURSES

Create training courses based on multiple lessons/check forms. Keep crew up to date on company standards by assigning mandatory and optional lessons as a part of each course.

SAFETY
FEATURES

AUDIT MANAGEMENT

Plan, schedule and manage all internal and third party audits in a centralised system, including the assignment and tracking of corrective actions.

HAZARD/RISK REGISTER

Identify and analyse the hazards in your organisation and manage the associated risks and controls. Create task profiles for core company tasks, linking identified risks and hazards.

INCIDENT/ACCIDENT REPORTS

Track events from incident to resolution with customisable risk-based safety reports. Interactive investigation and analysis forums allow the involvement of all authorised personnel, with sign-off capabilities.

SAFETY STATISTICS & CHARTS

Set up custom reports to return pertinent safety data. Includes predefined reports which provide an overview of the Safety Reports in an organisation by category, year and status.

SAFETY DASHBOARDS

Create a visual representation of your safety reports in graph and report format using interactive dashboards which allow for advanced analysis of reports by risk level, type & cause category.

ABOVE: Safety Dashboard module

SHARED FEATURES

DOCUMENT LIBRARY

Store all operational documentation in a secure library, enabling controlled distribution to personnel, including the ability to monitor the receipt and opening of documents.

REPORTING

Analyse and track trends on safety reports and work practice exceedences. Create customised reports and filtered data for various modules.

PERSONNEL

Manage and monitor personnel contact details, training certificates, licences and personnel qualifications in a single repository. Includes the ability to incorporate custom fields for company specific information.
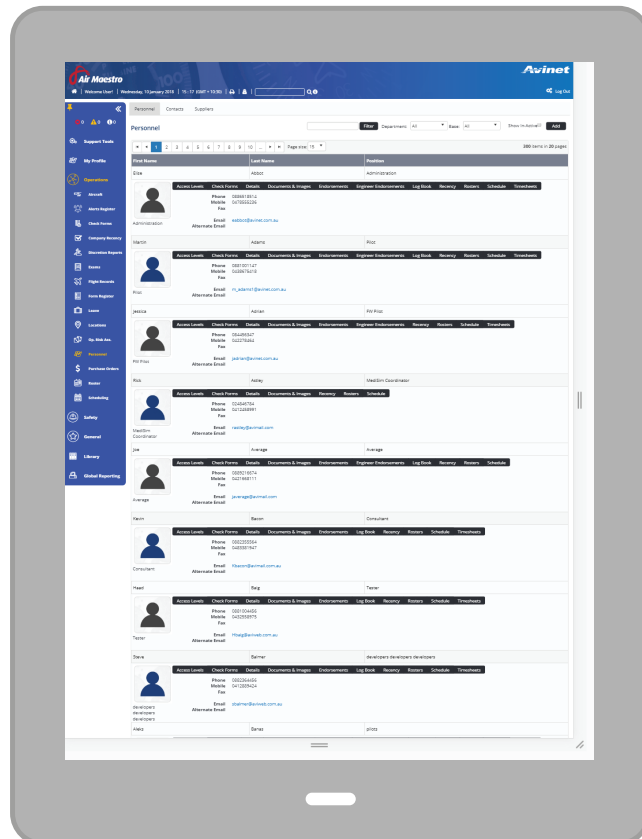
LOCATION REGISTER

Store contacts, addresses and photos for your operational locations. Manage facilities within locations such as landing areas and fuel depots.

EXPORTABLE

Reports in Air Maestro can be exported in multiple formats including Excel, Word, PDF and CSV. Support for automatic scheduling and emailing of custom reports to Air Maestro users and third parties.
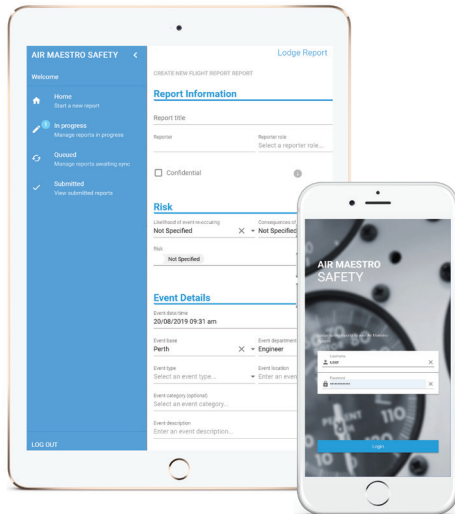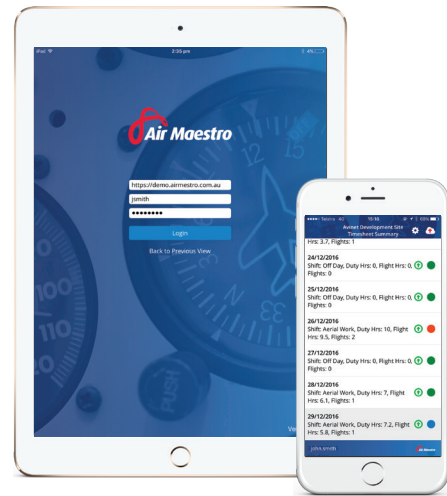
ABOVE: Personnel module

FLIGHT & DUTY/INCIDENT REPORTING APP

FLIGHT & DUTY APP

The Flight & Duty app allows you to enter critical flight and duty information, regardless of your location or internet connectivity, making it the perfect companion in the cockpit.

Unlike many other flight and duty data capturing apps on the market that only have a fixed set of fields, the Air Maestro Flight & Duty app allows you to customise and replicate your existing flight records and technical logs and later report on this data through a reporting module. This provides you with the flexibility to capture additional information that may be specific to your operation.

INCIDENT REPORTING APP

Air Maestro assists in promoting safety culture across your operation by enabling administration staff, pilots and safety personnel to lodge incidents across both tablet and mobile devices using iOS and Android platforms.

Designed with an intuitive interface, the incident reporting app allows you to submit incidents on a customisable risk-based safety report form. Incidents can be lodged when offline and will automatically sync back to the full version of Air Maestro once connectivity is regained.

APP CAPABILITIES

OFFLINE FUNCTIONALITY

CUSTOMISABLE FIELDS

REMOVES PAPER TRAILS

A SELECTION OF
CUSTOMERS

AIR-TEC GLOBAL

babcock
trusted to deliver™

KISHUGU Aviation

SAHARA AFRICAN AVIATION

STARLITE AVIATION GROUP

WESTAIR AVIATION

CORPORATE AIR

KEA Specialist Aviation Solutions

HNZ

ULENDO AIRLINK

BalmOral Central Contracts SA (Pty) Ltd

HALO AVIATION

TESTIMONIALS

Air-Tec Global provides world-class aviation services often in difficult and challenging regions. Air-Tec's clients range from Regional Airlines, Humanitarian Aid Agencies, Freight, Oil exploration support, Government and NGO Contracts. These are discerning clients who demand the best.

To manage our large fleet and personnel, Air-Tec has chosen Air Maestro. Air Maestro has proved to be invaluable during our various audits and reviews, it exceeds both customer and regulatory requirements through our commitment to aviation safety and quality standards.

This would not have been possible without the various functionalities (modules) that Air-Maestro offers. Air-Tec makes use of nearly every module that Air Maestro has to offer, ranging from FDP, SMS, Quality, Exams, and Operations, etc. allowing us to manage aircraft and crew that are located all around the world in different time zones.

Air Maestro is a cost-effective solution to manage safety and offers a professional helpdesk. Queries, tasks, and requests are resolved in a timely manner.
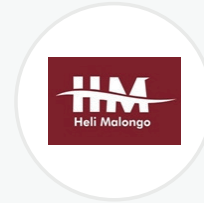
Chris Starke
Air-Tec Global

We chose Air Maestro to replace our previous Aviation Management System – a system we tried to develop on our own which came with great difficulty and cost.

Air Maestro gave us the most complete solution for our Flight Operations Department. Air Maestro has many different modules to suit your needs. We have found great value in the Timesheets Module, which manages Flight and Duty on a real-time basis and has helped improve our Safety Management Systems. When duty times are exceeded, our management team is notified immediately making problem-solving a lot more efficient.

Another module that has proved to be of great benefit is the Scheduling Module. Our Base-Coordinators make use of this module to schedule crew on base. When scheduling crew it notifies Base-Co of any recency or flight and duty exceedances which again has improved our overall Safety Culture. The helpdesk is always patient and willing to help with our queries. Thank you Air Maestro Team.

Sarah Smith
Starlite Aviation Operations

For almost a decade, Air Maestro has been an integral part of Heli Malongo's aviation operation in Angola. We have used it extensively for flight and duty management as well as for our safety (SMS) system, both on the fixed wing and rotary wing sides.

We are proud to have been one of the first OGP operators in the region to have moved into an almost entirely paperless environment and brought all departments into the online space. The support from the Avinet team has been outstanding from day one and the system has continued to evolve and grow with our needs.

The flexibility and adaptability of the system has been one of it's strongest features in a sector which has been constantly challenged in recent times to remain both cost effective and safety oriented.

Rohan Bennie
Heli Malongo

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