



RedAtlas
General Aviation Software



info@redatlas.co.uk
www.redatlas.co.uk

Overview

Airport management is a complex process, prompting the need for an efficient, bespoke, integrated system to enable the successful management of a busy airfield. Every airfield is unique and must consider a variety of factors when looking to the future.

RedAtlas Airport Management System (AMS) provides that bespoke integration with a seamless link between the Air Traffic Control (ATC), ground operations and accounts.

The ATC application operates in real-time presenting the opportunity to monitor and track movements. This occurs whilst simultaneously being aware of unpaid fees prior to departure, ensuring peace of mind on behalf of the customer and airfield. Additionally, the live arrivals and departures board feeds customers up to date information, ensuring they are relaxed and prioritised in a busy world.

RedAtlas AMS also boasts intuitive back-office modules to manage hangarage, parking and fuel.

The fuel module monitors stock for multiple fuel types and stores, complete with easy-to-use processes for sales, deliveries, transfers, and adjustments.

The accounting function offers a flexible approach to pricing and invoicing providing a timesaving data entry process to maximise operational performance.

Any busy operations department will reap the benefits of features such as taking e-signatures and emailing fuel receipts and invoices, alongside the system's optimisation for use on mobile devices. Say goodbye to duplicated data entry and hello to efficient, easy to use processes.

RedAtlas AMS is constantly evolving to meet the needs of small and medium sized airfields. As part of the package, a demonstration site is provided, allowing all staff to familiarise themselves with the software prior to going live. In addition, a full training programme, easy to use guides, and remote/telephone support ensure a smooth transition to the system.

Software Modules

Fuel Management – is a valuable module within the software that is integral to both the fire crew and accounts department.

- ✎ This provides a facility to effortlessly record fuel deliveries, transfers and sales.
- ✎ The screen contains graphical gauges to provide a clear representation of stock levels.
- ✎ An unlimited number of fuel types and locations can be updated when necessary.
- ✎ There is an ability to record metre readings against fuel locations.
- ✎ Staff will no longer be required to manually record the sales and log the stock of fuel as the system does this automatically.
- ✎ This offers a simple method to adjust fuel during testing and record what has taken place.
- ✎ User friendly on mobile devices so tablets/iPads can be used, providing a more practical service for the customer.
- ✎ Customers can sign electronically on screen to confirm the sale, and a receipt can be emailed to the pilot, customer, or both.

- ✎ Fuel reports are available to assist in sales analysis.

Movements – whether planning ahead or retrospectively catching up, this real-time view of movements is designed with non – ATC staff in mind.

- ✎ Scheduled movements allows for any member of the team to book an aircraft in, taking minimal details, so it filters through to the ATC staff to prevent the need for duplication.
- ✎ A PPR process that incorporates approving or declining requests along with a customer email acknowledging or rejecting the request.
- ✎ A quick access screen to review any RFF3 movements.
- ✎ An option to hold Special Events and organise slots within the event. These can be pre-paid, along with having the option to edit or delete a slot.

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- ✎ Flight bookings assists with managing bookings for larger aircraft arrivals and departures, which are subject to additional charges and extra services. Paired with a real time view of passengers and crew, and the ability to upload any relevant documents.
- ✎ Operational Checks logs and offers a live view of routine checks carried out on the airfield.

Software Modules

Parking & Hangarage – allows an important component within the airfield to provide a service and generate additional revenue.

- ✎ Unlimited parking locations.
- ✎ An available space in square metres to report against aircraft “footprint”.
- ✎ Option to provide a flexible, recurring charge for hangarage and other parking charges.
- ✎ Prices can be specifically arranged for various parking locations and based on particular aircraft criteria.
- ✎ Automatic overnight parking charge for non-resident aircraft.
- ✎ A parking screen is available to provide clear visual information on real time parking availability.
- ✎ At the end of life for an aircraft, **RedAtlas** AMS gives you the option to Scrap, removing it from chargeable parking whilst keeping the full history

Web Forms – request form that integrates into an airfield’s website. This is accompanied by an approval process within RedAtlas that will email accepted and rejected requests. All approved requests will automatically create scheduled movements ready for use within ATC, saving time and reducing errors.

- ✎ PPR requests.
- ✎ Book In requests
- ✎ Book Out request

Software Modules

Invoicing & Payment Processes – an easy-to-use feature that displays all outstanding charges for an aircraft.

- ✈ Offers flexible invoicing frequencies based on a number of days, weeks, months or years.
- ✈ A duplicate customer warning displays any potential duplicate customers based on their email and telephone details, preventing errors.
- ✈ There is an additional ad-hoc invoicing facility.
- ✈ A pre-paid account flag is available on all scheduled invoicing that use the pre-paid payment method.
- ✈ Unlimited payment locations.
- ✈ As RedAtlas AMS is browser based, taking payment can be performed on mobile devices.
- ✈ Credit notes can be raised effortlessly.
- ✈ Payment terms can be added and tailored to individual customer accounts.
- ✈ There is the option to reprint or resend a range of invoices.

- ✈ Self-service Portal that provides customers a secure access to enable them to view their details, download copy invoices, review their aircraft's logbook, update their contact details. It also allows the customer to book their aircraft and pay invoices fully online.
- ✈ Monthly batches of invoices and credit notes can be downloaded from a dedicated screen.
- ✈ Quotes can be created from PPR requests and future scheduled movements.
- ✈ Possesses the ability to export data into accounting systems, i.e. Xero and Sage.
- ✈ Reports to support the management of customer accounts are available on request.
- ✈ The customer administration feature incorporates everything that you need about a customer in one place; DOB, contact details, aircrafts, payments, documentation and much more.

- ✈ Club membership logged and managed with the customer, including membership start and end dates along with their membership number. Club rates are then managed via the club set-up and not on the individual member.

Licensing

RedAtlas Airport Management System has been designed and developed to be flexible, and this is reflected in the options for system implementation and pricing. RedAtlas offers two licensing packages, not restricted by the number of movements, transactions, or by the number of users.

Premium Features

To maximise the benefits of the system, additional Premium Features can be added to complement the increasing complexity and scale of each airfield. This approach also allows the system to adapt and grow with your airfield. These premium features graduate in price dependent upon the number you require.

- ✈ Slots & Events - Host Special Events and organise slots within the event. These can be pre-paid, along with having the option to edit or delete a slot.
- ✈ Flight Bookings - assists with managing bookings for larger aircraft arrivals and departures, which are subject to additional charges and extra services. Paired with a real time view of passengers and crew, and the ability to upload any relevant documents.
- ✈ Operational Check - this feature offers a live view of wildlife management and ability to log issues.

	Basic	Standard
Unlimited Number of Users	✈	✈
Customer Records	✈	✈
Aircraft Records	✈	✈
Movement Records	✈	✈
Fuel Management – Basic	✈	✈
Parking & Hangarage Management	✈	✈
Ad-hoc Services	✈	✈
Ad-hoc Invoicing	✈	✈
Reporting Pack + 3 Custom Reports	✈	✈
Scheduled Invoicing		✈
Recurring Charges		✈
Pre-Paid Movements		✈
Fuel Dips & Meter Readings		✈
ATC Application		✈
Flight Arrivals & Departures Board		✈
Web Forms (PPR, Book Out, Book In)		✈
Scheduled Movements		✈
Customized Reporting Pack		✈
Copperchase Integration		✈
Self-Service Portal		✈
Upload from Self-Service Fuel		✈

Implementation

Core to the way RedAtlas AMS has been designed and developed is flexibility, and this is reflected in the options for system implementation and pricing.

The system can be supplied in one of two service offerings.

- ✎ A fully hosted and managed service eliminating the cost of onsite server hardware and reducing the initial upfront costs. The system has been designed from the start to operate across the internet using standard internet connections.
- ✎ Installed onto equipment on the airport site, either to extend the life of equipment already in place or allay concerns about internet connectivity.

The only costs outside of the monthly rental charge are the implementation and training costs, these will be negotiated when a greater understanding of your airfields individual requirements is obtained.

RedAtlas Flying School

RedAtlas Flying School Administration FSA is a companion application that can be used alongside RedAtlas Airport Management System (AMS) or separately.

Core Features – as with RedAtlas AMS, FSA is a browser-based application, accessible through any internet connected device.

- ✈ Graphical calendar-based lesson planner.
- ✈ Drag and drop interface for rearranging lessons.
- ✈ Fully customisable resources.
- ✈ Monitoring for pre-lesson checks, i.e. weather check and student arrival.
- ✈ Availability matrix for instructors, ensuring lessons with them are only booked during working hours.
- ✈ Holiday/Maintenance bookings to prevent lessons being booked against unavailable resources.
- ✈ Custom reporting.
- ✈ Customer accounts with lesson history.

Invoicing and Payments – flexible configuration of products and prices mean RedAtlas FSA will accurately invoice based on your school's pricing structure. As well as most of the benefits in RedAtlas AMS, FSA also features.

- ✈ Invoicing based on booked and completed lessons, reducing any duplication.
- ✈ Prepaid products cater for gift cards and experiences.
- ✈ A shop option for maintaining stock sold within your Flying School.
- ✈ Payment terms can be added and tailored to individual customer accounts.
- ✈ The flexibility to invoice based on lesson length or Hobbs value from each aircraft allows you to manage a variety of booking types within the same facility.

Testimonials

*"London Ashford Airport transitioned from Airops to **RedAtlas** in October 2019. This was a significant change for us, as we had used the same system for numerous years, but we couldn't have asked for a more reliable alternative. **RedAtlas** is such a user-friendly system, incorporating our bespoke changes – sometimes at short notice to meet our business needs. We have developed a great partnership with the team, their dedication, inter-activeness, and can-do attitude towards our business is second to none. The system has proved successful throughout our range of departments – and we would recommend **RedAtlas** AMS to any airport looking for a management system".*



Kate Adams

Customer Services / FAL Aviation,
London Ashford Airport

*"Our recent move to the **RedAtlas** Airport Management System required several customised solutions to enable integration with our existing systems. The support team have been excellent from the very beginning, with regular contact and swift resolution of any issues and when testing various functions. As such, we are already seeing benefits of **RedAtlas** with time saving efficiencies in our administrative processes. The team is actively developing new features and are very pro-active and receptive to suggestions and feedback, which will further enhance the software package as it continues to evolve."*



Nick Duriez

Airport Director, Eccles, Manchester

Contact Us

RedAtlas

Nevalee Business Solutions Ltd
1st Floor Office
31A Goring Road
Worthing
West Sussex
BN12 4AR, UK
www.redatlas.co.uk

Juan Senaris

Account Manager
juan@redatlas.co.uk
Mobile: +44(0)7840 737 459
Office: +44 (0)1903 331 711

Keith Thompson

Director
keith@nevalee.biz
Mobile: +44 (0)7711 349 438
Office: +44 (0)1903 331 711