# cloudcards

AVIATION SOFTWARE

# cloud | ASSET MANAGEMENT

The most **comprehensive** and complete **asset management** software solution in the **aviation** market

*Fly forward with us.*

**www.cloudcards.ie**

## What is the cloud asset management system?

As the most modern and up to date system in the market, the cloud asset management system is designed by a team of industry experts from the leasing industry, airline and technical service fields as well as a team of IT development and security experts.

Built on Microsoft Azure, the software system is the only solution designed for airlines and aircraft lessors. Built on 14 different modules, the cloud asset management software is both a strong financial management system, along with legal, technical and commercial modules.

## What does the cloud asset management system do?

A unique system, it enables aircraft leasing companies and airlines to manage the day-to-day lease and asset management processes easily by capturing all data for the aircraft from birth to tear down.

It allows your business to access the right data quickly to enable your teams to make more informed decisions and drive efficiencies.

The key features allow you to capture multiple pieces of data and information on the asset and lease and use the data to control and forecast costs and general financial information to make key decisions.

**Key benefits of cloud asset management:**

- Simple self administration with multi level access.
- Load an aircraft in less than 2 hours.
- Open source system - upload and download data onto multiple applications such as excel, PDF and CSV.
- Agile and customised reporting.
- Integrate into multiple accountancy packages.
- Automate complex processes.
- Allows secure 3rd party access.

"

*Having experience with many legacy systems and having produced proprietary systems in the past I felt that the new*

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*systems were at the leading edge of the industry. While some legacy systems are putting in great efforts to catch up we wanted to ride the wave of the future with a system that will allow us to be the best asset managers.*

*We have learned in the past that having the best information on aircraft assets translates into value.*

"

CMIG Aviation Capital, **Mr. Gregory Cumming**, Chief Technical Officer

# User experience is at the heart of the cloud asset management system

The majority of lessors and airlines report that legacy asset management systems on the market are cumbersome to use, leading to poor adoption within their organisation and a weak return on investment.

Using an intuitive and modern design, all the modules on the cloud asset management system are accessible based on a flexible and easy to manage permissions system.

In addition, due to the permission tool, the system can be used across multiple levels and departments along with third parties who will only see the elements they are permitted to view and edit.

## User experience features include:

- A configurable user interface designed to be highly intuitive with consistent format across each module that allows users to adopt the system easily.

- Internal control of user access and user rights enabling your system administrator to set up new users with access and editing rights at a granular level to guarantee security.

- Access is limited to modules based on roles leading to faster adoption and quick delivery of the required outputs.

- Powerful search capability coupled with multiple filter criteria allowing the easy location of data.

# You have the power to make more informed decisions

The cloud asset management system has a powerful reporting module which provides a single view to drive alignment across different departments.

**All the key data points are available to users while the reports are configurable and adaptable based on your specific needs, which include:**

- Full lease details.

- Detailed maintenance reserve fund analysis and modelling by creating model aircraft on the system and running scenarios.

- Lease budget forecasting e.g. project figures such as asset utilisation, rental income and rental schedule changes during an active lease.

- Notification management (i.e. opt-in/opt-out) for each type of notification applicable to the users' role.

- Critical notifications specific to employee roles when events are due or deadlines have passed e.g. LLP Limits, 3 month rent review, invoice overdue by 30 days.

- Export feature across all modules allows easy data export and import in multiple formats for further analysis.

- Ease of integration with many accounting systems e.g. SAP, SAGE, SUN etc.

- Multiple technical specification reports.

- Rental and schedule reporting.

## All your essential asset details in one place

- All basic asset details such as MSN, make, model, engine details.

- Detail of asset ownership hierarchy and current asset status.

- Asset portfolio status.

- Key asset financial data including maintenance reserve asset valuation and insurance data.

- Key asset technical data including delivery and redelivery dates.

## All your key lease data in one place

- Lease type, floating, fixed or mixed.

- Lease libor rates.

- Key lease dates.

- Lessee details including sub lessee status.

- Key financial data including rate, days or credit and MR fund details.

- Operating details including environment, region of operation, delivery and redelivery dates and lease operator details.

cloud ASSET MANAGEMENT

Web based interface

Mobile app

## Asset information security and safeguarding

The **cloudcards** asset management system is built on Microsoft Azure and come with best in class affiliated security standards and protocols.

Microsoft invests over a billion dollars every year into security to ensure your data and business assets are protected.

In addition, they have over 3,500 cybersecurity experts to ensure data is secure.

Using Microsoft Azure ensures that your commercially sensitive asset and lease data is only accessible by relevant personnel. It will also provide an audit trail of all data modifications within the system to ensure full traceability.

# Reduce business risk through effective maintenance reserve fund management

**cloudcards** provides the most comprehensive maintenance reserve fund management application on the market.

**It allows lessors to de-risk their investment and maximise the aircraft lifetime value. The features it offers are extensive and comprehensive:**

● Record monthly utilisation figures of all subsystems/components on a per asset basis.

● Capture details of maintenance events for each applicable subsystem/component on a per asset basis.

● Generate a maintenance reserve balance statement for each subsystem of an asset in report format for individual assets or across an entire portfolio.

● The ability to capture and view details of each maintenance reserve claim and the outcome of each claim.

● A multi-step approval process for all claims to ensure robust governance.

● Maintenance reserve life cycle analysis e.g. cash reserves, end of lease adjustment.

● Robust forecasting which includes monthly reserves and event costs, reserve coverage (surplus/shortfalls), reserve reimbursements, lessor funded contributions.

● Accurate calculations including:
  - Event forecasts based on minimum return condition compliance.
  - End of lease cash flows based on zero time; half-life or mirror in/mirror out adjustments.
  - LLP event costs and LLP stack snapshots at key milestones (delivery, current, pre/post shop visit and expiry).

# Alignment across teams and departments

The cloud asset management system has a powerful reporting module which provides a single view to drive alignment across different departments in your organisation. It will prove invaluable to key teams in a variety of ways.

## Treasury teams

- Transfer maintenance reserve balances from one asset account to another asset or asset account.

- Apply a range of interest options (compound or non-compounded) on unpaid invoices, maintenance reserve balances and security deposits.

- Generate various financial reports e.g. receivables report, cash received report cater for multiple currencies when capturing data and generating reports e.g. USD, GBP.

- Ease of integration with a wide range of financial accounting systems.

## Knowledge base

- Provide a facility to access the knowledge base and make updates when required as some data will be common across all clients e.g. aircraft type, aircraft manufacturers whereas other data is client-specific e.g. frequency of inspections.

## Sales and marketing

- Full and mini technical specification gives powerful reporting capabilities to your sales and marketing teams with full technical details at both aircraft and engine levels.

- On the road reporting available on a mobile devices for tech specs and lease summary.

## Staff training

- To ensure effective usage and widespread adoption of the cloud asset management system we offer a comprehensive training programme to ensure your teams have the required level of knowledge and skills to optimise their usage.

- The training can be delivered on-site and is supplemented by a user training manual and additional learning materials.

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## cloudcards

📍 2nd Floor
Bedford Place
Howleys Quay
Henry Street
Limerick
Ireland
V94K6YY

📍 Aviation Hub
Grants Row
Dublin 2
Ireland
D02HX96

☎ **Sales:** +353 1 2548026
☎ **General queries:** + 353 61 748767
✉ sales@cloudcards.ie
🌐 www.cloudcards.ie
in company/cloudcards-ltd-/
🐦 @CloudCARDS