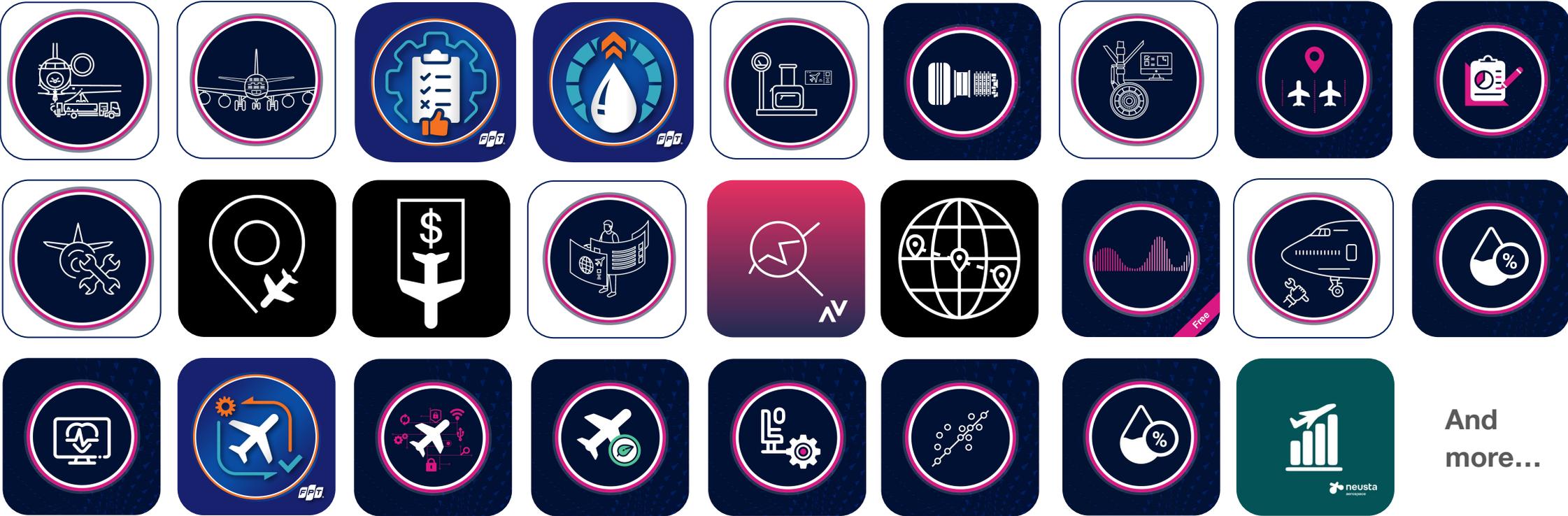# SKYWISE STORE

Apps Catalog

AIRBUS

What is the Skywise Store?

The Skywise [Store] is a digital aviation marketplace hosted in Skywise connecting the airlines ecosystem with companies providing the most advanced digital solutions of the aviation industry.

All solutions within this programme are powered by the Skywise [Ontology], a digital-twin of the airline standardized, structured and normalized by Airbus providing a robust and easy-to-use dataframe to feed innovative and disruptive services.

AIRBUS

30+ [Apps] available on the Skywise Store

And more…

AIRBUS

Skywise Store catalog

Ground Ops

- Fleet Movement Coordinator
- Parking Management

Asset/Conf Management

- A/C Software Tracker
- Cabin Crew Analysis
- Cabin Defect
- Configuration Cockpit
- Fleet Utilisation Cost Optimizer
- MRO Part Availability
- My Skywise Statistics (Free)
- Return to service
- Vendor Performance

Flight Ops

- Fleet and Fuel Performance
- Flight Analytics
- Idle Factor Optimizer
- Performance Factor Optimizer

Sustainability

- Corsia
- Flight Reconciliation
- Smartfill
- Water Uplift
- Weights Dashboard

Maintenance

- Agile Recurrent Defects
- A/C Defect Matrix
- Component Analysis
- Component Life History
- Health Monitoring of Cabin
- Maintenance Control Centre
- Records Editor
- Reliability Metrics
- Repetitive Defects
- Smart Defect Manager
- Wheel Bearing Inspection
- Wheel Replacement Analysis

AIRBUS

Fleet Movement Coordinator

Provided by [Palantir]

When part or all of your fleet is parked it can be challenging to track and manage:
- Circuit flight planning
- Aircraft readiness to go into service
- Planning ahead for maintenance

Fleet Movement Coordinator allows users to:
- Plan future status changes of aircraft
- Schedule circuit flights to avoid long-term storage
- Get automated alerts when there are aircraft movements or fleet status change

Contact Palantir

AIRBUS

Parking Management

Provided by [Airbus]

Due to the Covid-19 outbreak, airlines were forced to ground their fleet on the spot, a complex task to track down: it is difficult to precisely know which aircraft are stored in which location, and which maintenance tasks need to be carried out to uphold airworthiness. When passenger demand returns, airlines will need to quickly identify the optimal aircraft to bring back into service and generate a checklist of the necessary maintenance tasks.
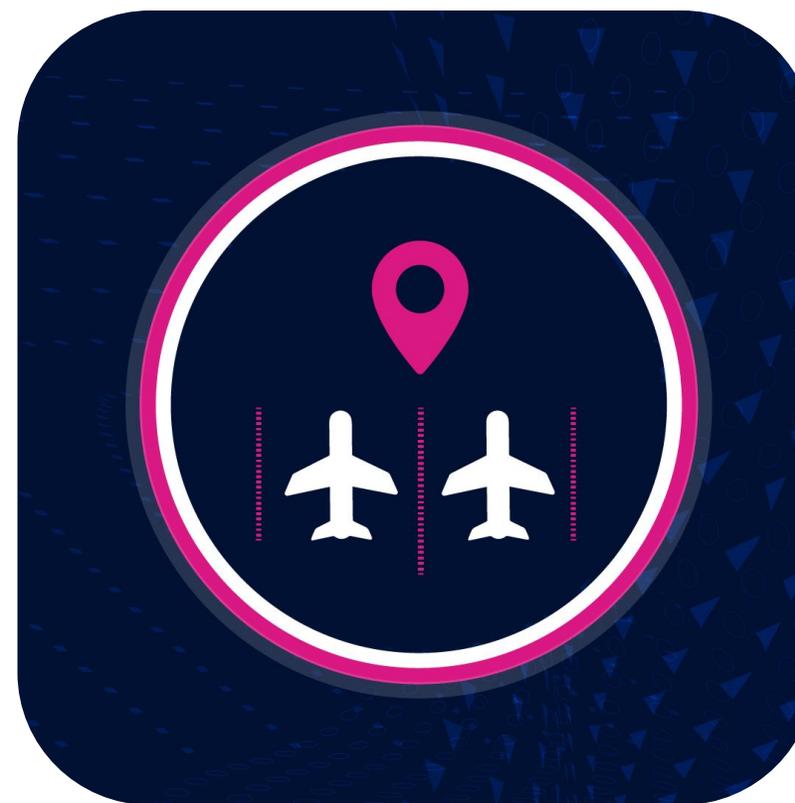
Contact Airbus

AIRBUS

Fleet & Fuel Performance

Provided by [LTTS]

Fleet and Fuel Performance dashboard shows performance across multiple parameters that is Engine On, APU shut down, Taxi time, Wheel closure during takeoff and landing. The similar parameters are used to show the Fuel performance on different phases of flight.

Contact LTTS

AIRBUS

Flight Analytics

Provided by [Neusta]

Flight Analytics enhances the way you manage and optimize flight operations. By leveraging advanced analytics and near real-time data, it empowers you to make informed decisions that enhance efficiency, reduce costs, and elevate overall performance on the Skywise Platform.

Free trial

neusta
aerospace

Contact Neusta

AIRBUS

IDLE Factor Optimizer

Provided by [NAVBLUE]

Part of the NAVBLUE OPTIMIZE suite of applications, the IDLE Factor Optimizer automatically computes the optimized IDLE Factor for each aircraft representing the aircraft in its current state of performance in descent.

Contact NAVBLUE

AIRBUS

Performance Factor Optimizer

Provided by [NAVBLUE]

Part of the NAVBLUE OPTIMIZE suite of applications, Performance Factor Optimizer automatically computes the corrective fuel factor representing each aircraft in its current state of performance leading to accurate fuel prediction.

Contact NAVBLUE

AIRBUS

Aircraft Software Tracker

Provided by [Airbus]

Aircraft Software Tracker allows engineers to track the current software version of each individual aircraft of a given fleet and compare that with the expected versions. Skywise brings together this data from multiple places to highlight discrepancies that can be corrected during ground times.
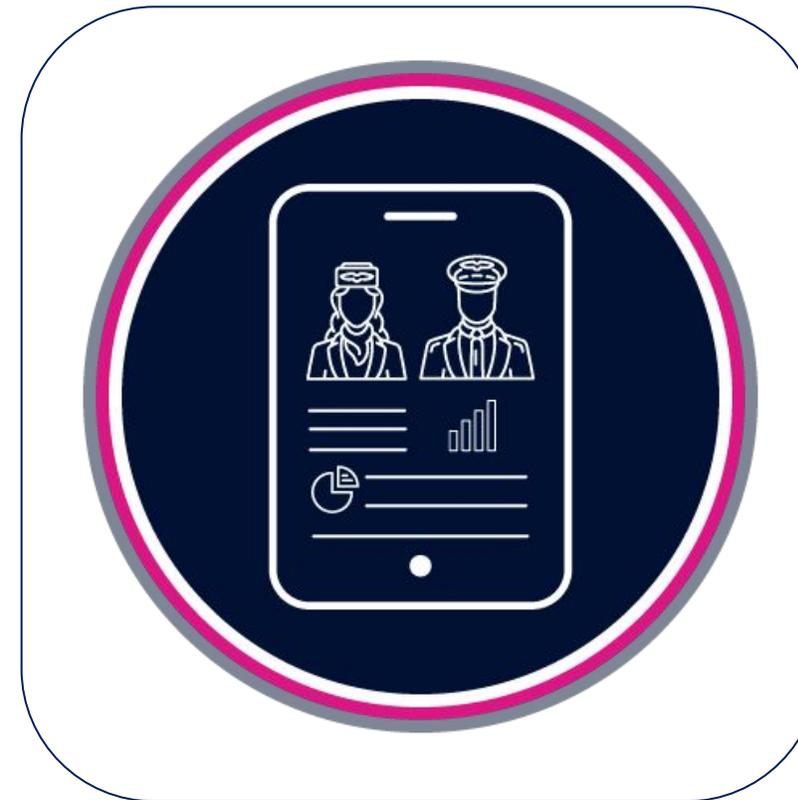

Contact Airbus

AIRBUS

Cabin Crew Analysis

Provided by [LTTS]

Cabin Crew Analysis assists the airlines with the complete details of flight Crew and their roaster summary, it also provides detail information about trip map, flight schedule path, crew pairing, crew base map, crew schedule and crew timeline.

Contact LTTS

AIRBUS

Cabin Defect

Provided by [Airbus]

This App uses natural language processing to analyze logbook defects in order to provide insights for cabin issues across the entire fleet. It provides a unified view of the outstanding work (MELs and other deferred items), and of various risk indicators for each aircraft, such as repetitive issues and historical delays and AOGs.

Contact Airbus

AIRBUS

Configuration Cockpit

Provided by [Airbus]

The Configuration Cockpit is an integrated & automated configuration management digital solution that allows to highlight potential configuration mismatches on the operated aircraft


Contact Airbus

AIRBUS

Fleet Utilisation Cost Optimiser

Provided by [Palantir]

Fleet Utilisation Cost Optimiser is designed to build optimal fleet configurations which reduce costs while maintaining service levels. Users can customise the cost metrics and set custom constraints to scan through dozens of scenarios at one time and choose the one that fits their operational requirements.

Contact Palantir

AIRBUS
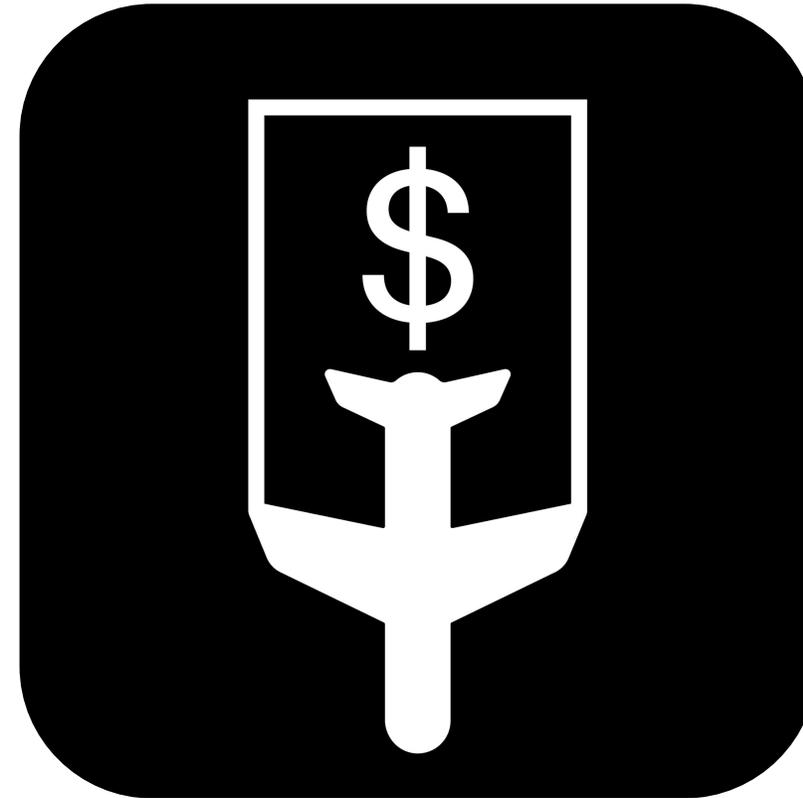
MRO Part Availability

Provided by [LTTS]

MRO Parts Availability dashboard helps the airlines to keep the track of minimum equipment list with respect to aircraft type, aircraft ID, Mel chapter, defect ID and date and it also highlights the MEL which is in most priority. The dashboard can help the airlines as well as ground staff to maintain proper availability of part and prevent Overdue. It also helps to map the airport route with the MEL and Parts that are required.

Contact LTTS

AIRBUS

My Skywise Statistics

Provided by [Airbus]

My Skywise Statistics app enables you to monitor your own organisation's use of skywise. Gain key insights about your active user base and which tools are popular as well as a drill down into your skywise consumption to identify your top skywise projects to learn where optimization and improvement can be made so that you can improve your performance.

Free

Contact Airbus

AIRBUS

Return to Service

Provided by [Airbus]

The Return to Service app allows users to quickly hypothesize, test, and ultimately understand the scope of the short-and medium-term work that's involved with bringing each aircraft back to service. It then allows users to iteratively craft their plan for bringing all aircraft back into regular service. Airline users can run scenarios on the entire fleet to understand the cost involved with both returning and keeping the aircraft in service.

Contact Airbus

AIRBUS

Vendor Performance

Provided by [FPT]

Keep track of your vendors and the performance of your airline's material orders. This application by FPT Software helps your airline improving the services received from the vendors, to act when a negative trend is detected minimizing the more expensive AOG orders.


Contact FPT

AIRBUS

CORSIA

Provided by [Airbus]

The CORSIA (Carbon Offsetting and Reduction Scheme for International Aviation) monitoring and reporting app allows airlines to more easily comply with the CORSIA requirements, in effect since January 1st 2019. This app provides a suite of visualization tools and tables that can then be exported to ease the annual reports submission.
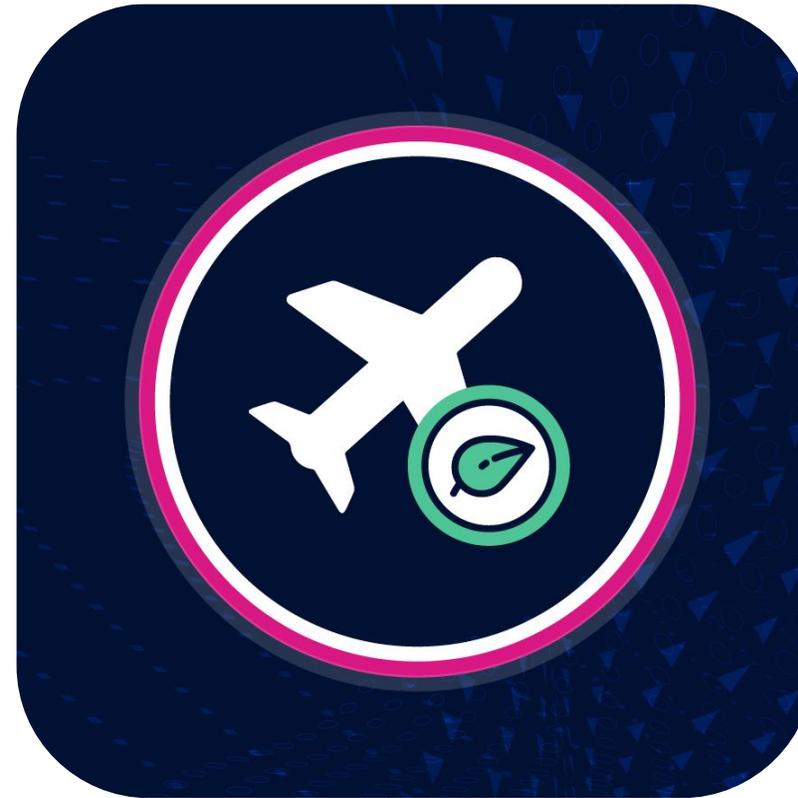
Contact Airbus

AIRBUS

Flight Reconciliation

Provided by [Palantir]

Flight Reconciliation uses the millions of sensor data points from your aircraft to compare actual fuel burn to the flight plan. This allows fuel teams to track how accurate flight plans are across: distance covered, flight levels, holding time, loading weight, wind drag.

Contact Palantir

AIRBUS

Smartfill

Provided by [Airbus]

Filling in the right amount of potable water in an A350 aircraft seems to be a piece of cake. But what if this simple operation could allow airlines saving fuel, weight and CO^2 emissions by optimizing it? The SmartFill App helps the airlines operating A350 to define the most optimized water level based on their previous flights and risk level defined by the flight ops engineers to avoid getting dried up.

Contact Airbus

AIRBUS

Water Uplift

Provided by [FPT]

Keep track of your vendors and the performance of your airline's material orders. This application by FPT Software helps your airline improving the services received from the vendors, to act when a negative trend is detected minimizing the more expensive AOG orders.

Contact FPT

AIRBUS

Weights Dashboard

Provided by [LTTS]

To find a trend/insight on the weight incurred on the aircraft due to passenger, crew and the basic amenities need for the passengers during the flight, it helps to optimize the weight, the aircraft needs to carry based on previous flight data.

Contact LTTS

AIRBUS

Agile Recurrent Defects

Provided by [FPT]

Control your recurrent defects in an agile and simple way. This application helps your airline Engineering to detect repeated faults based on technical logbook entries. The configuration is straight forward, and you an overview the faults for each aircraft or system independently.

Contact FPT

AIRBUS

Aircraft Defect Matrix

Provided by [Airbus]

The Aircraft Defect Matrix gives maintenance and reliability engineers the ability to visualize the defects status of their entire fleet at a glance. Data regarding defects, chronic issues, delays and other related aspects are pulled together into an integrated view to help inform the engineers prioritizing maintenance tasks and identifying risks for each aircraft.
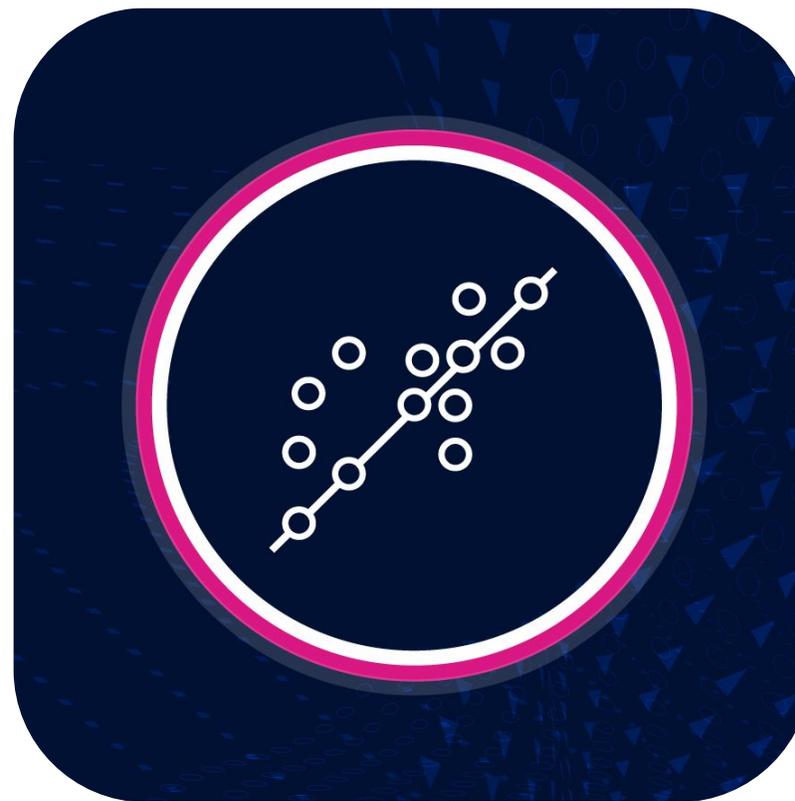
Contact Airbus

AIRBUS

Component Analysis

Provided by [Airbus]

Component Analysis is utilized to predict when an aircraft part is likely to break. This is performed by computing and rendering a chart based on Weibull statistical analysis. Component Analysis decreases the number of costly investigations into components by allowing deeper analysis on removal reasons and empowering Airlines to test hypotheses on issues and fault messages.

Contact Airbus

AIRBUS

Component Life History

Provided by [LTTS]

Component Life History dashboard Reconcile the part history (prev owner, incident) when received from Supplier Track the Flight Hour, Flight Cycles while returning the landing gear parts. Build history of the landing gear parts within the main assembly.

Contact LTTS

AIRBUS

Health Monitoring of Cabin

Provided by [LTTS]

Cabin Health Monitoring dashboard assists the airlines to know the working status of Inflight entertainment system with the details when the system is in error, started, restarted or shutdown. It also provides visual description about the defect summary, aircraft summary and time series for issue date.

Contact LTTS

AIRBUS

Maintenance Control Centre

Provided by [LTTS]

The application aims to achieve insights on the following:

- The Dashboard provides overview of fleet In-service, AOG, In Check and Parked. It also provides details on maintenance/service checks completed and the checks need to be done in future.
- The Dashboard provides Insight on Reliability, Fleet utilisation and Delay/cancellation details with flexible filters and can provide detail on Open MEL, MEL Usage, MEL rate, Defect Rate and Unscheduled Part Removal.

Contact LTTS

AIRBUS

Records Editor

Provided by [Airbus]

Records Editor provides an easy-to-use interface to review new records from the technical logbook and correct missing or incorrectly entered information such as ATA chapter codes, defects types, current status… along with the ability to export the updated data into an Excel file for further use or processing.

Contact Airbus

AIRBUS

Reliability Metrics

Provided by [Airbus]

Reliability Metrics App automatically retrieves all reliability data and charts in a central place reducing the time to gather the reliability information from one week to a few clicks. Reliability Metrics App helps Reliability Engineers to explore & benchmark various reliability metrics thanks to point & click dashboards combining airline integrated, cleaned data and worldwide fleet data. The benefit is a simpler and faster reliability analysis & regulatory reporting process.

Contact Airbus

AIRBUS

Repetitive Defects

Provided by [Airbus]

Repetitive defects includes all features available in Records editor and goes even further into the technical logbook records review by identifying recurring defects, whether by automated customized suggestions (number of defects, period of time, number of cycles…) or a combination of manual operations. With this App, it is easy to link up existing repetitive defects and new ones, and manage their status.
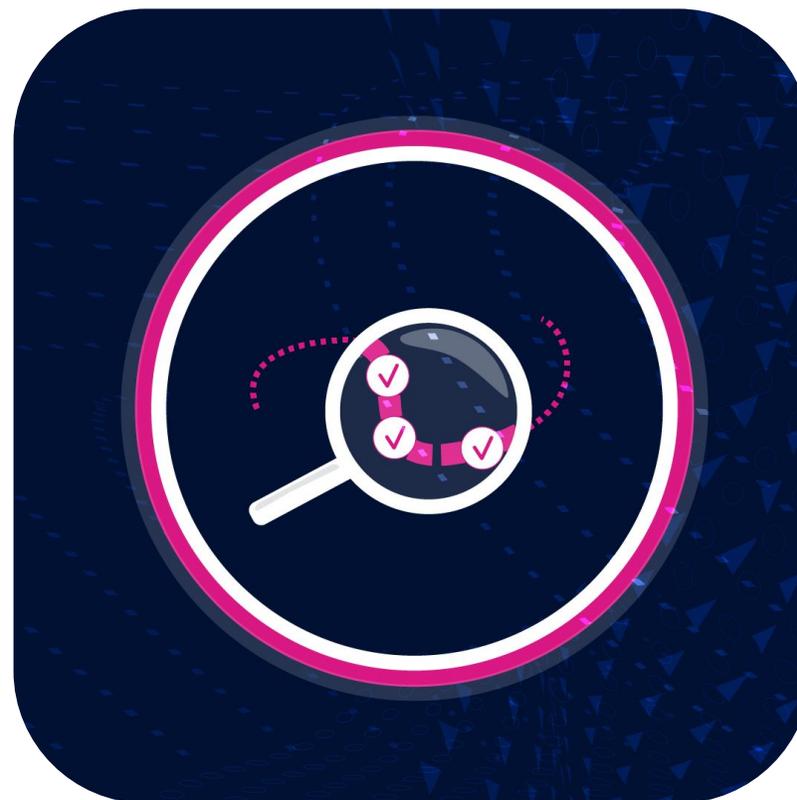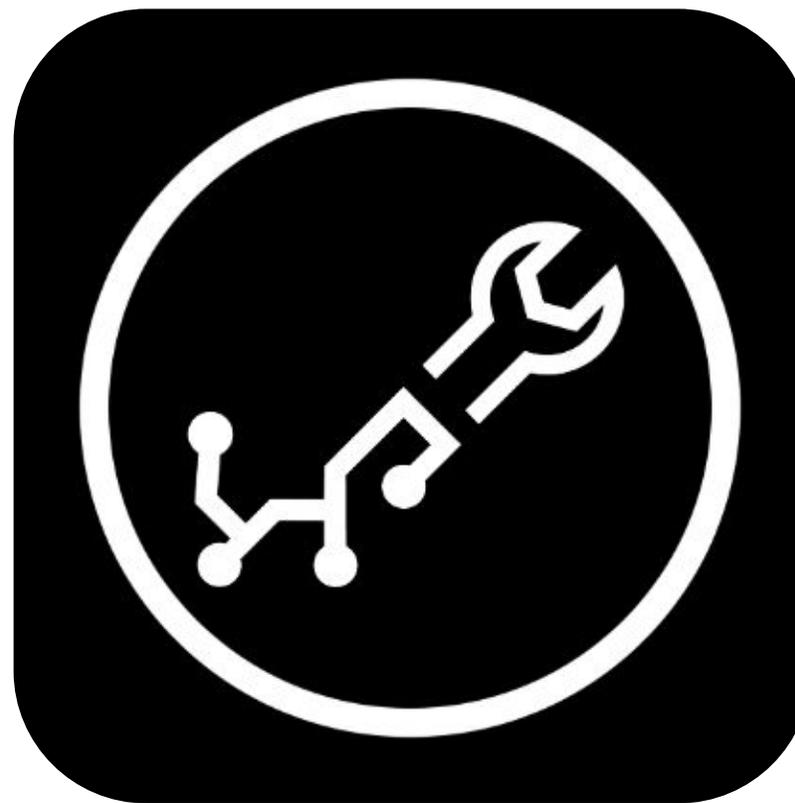

Contact Airbus

AIRBUS

Smart Defect Manager

Provided by [Palantir]

Inaccurate ATA chapters in logbook defects impact maintenance, reliability reports, and more. Smart Defect Manager uses machine learning to predict the ATA chapter in each defect based on the defect description and actions taken from historical records. Users can review and approve the predicted ATA chapters before writing them back to the MIS, ensuring that ATA chapter information is accurate and reliable.


Contact Palantir

AIRBUS

Wheel Bearing Inspection

Provided by [Airbus]

The Wheel Bearing Inspection application helps centralize & consolidate data while streamlining processes, allowing Airbus to alleviate some inspection requirements that would have been extremely challenging without this application and the creation of a new knowledge base. This Application supports deviation requests such as Technical Adaptation/RDAF.
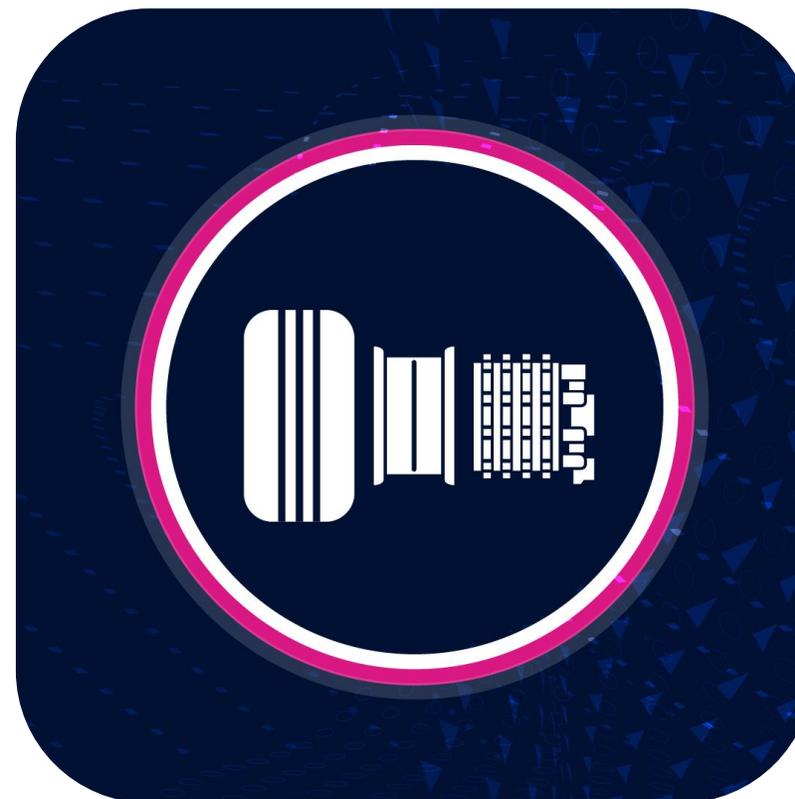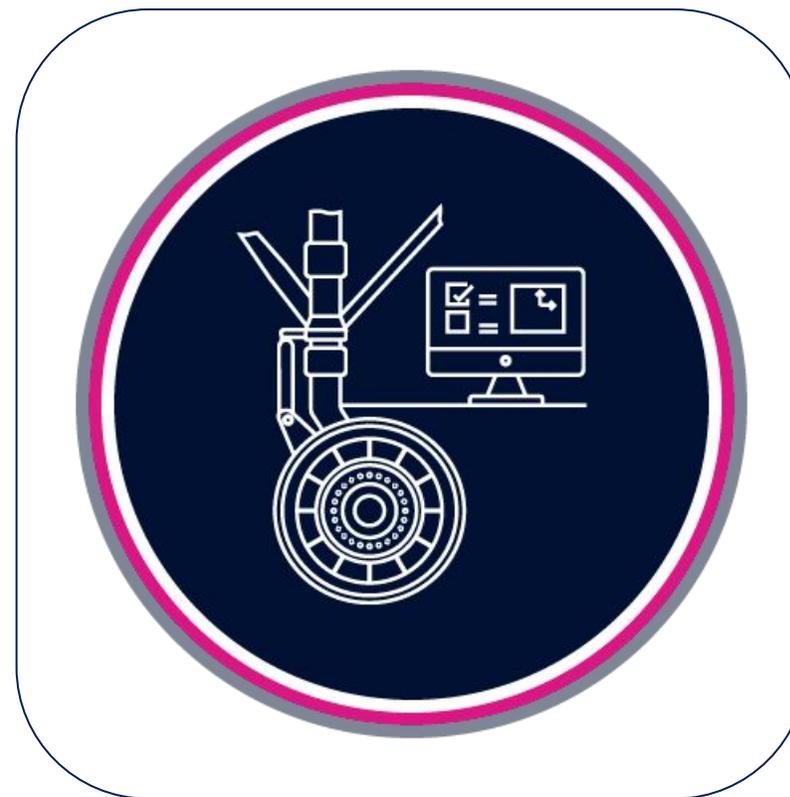

Contact Airbus
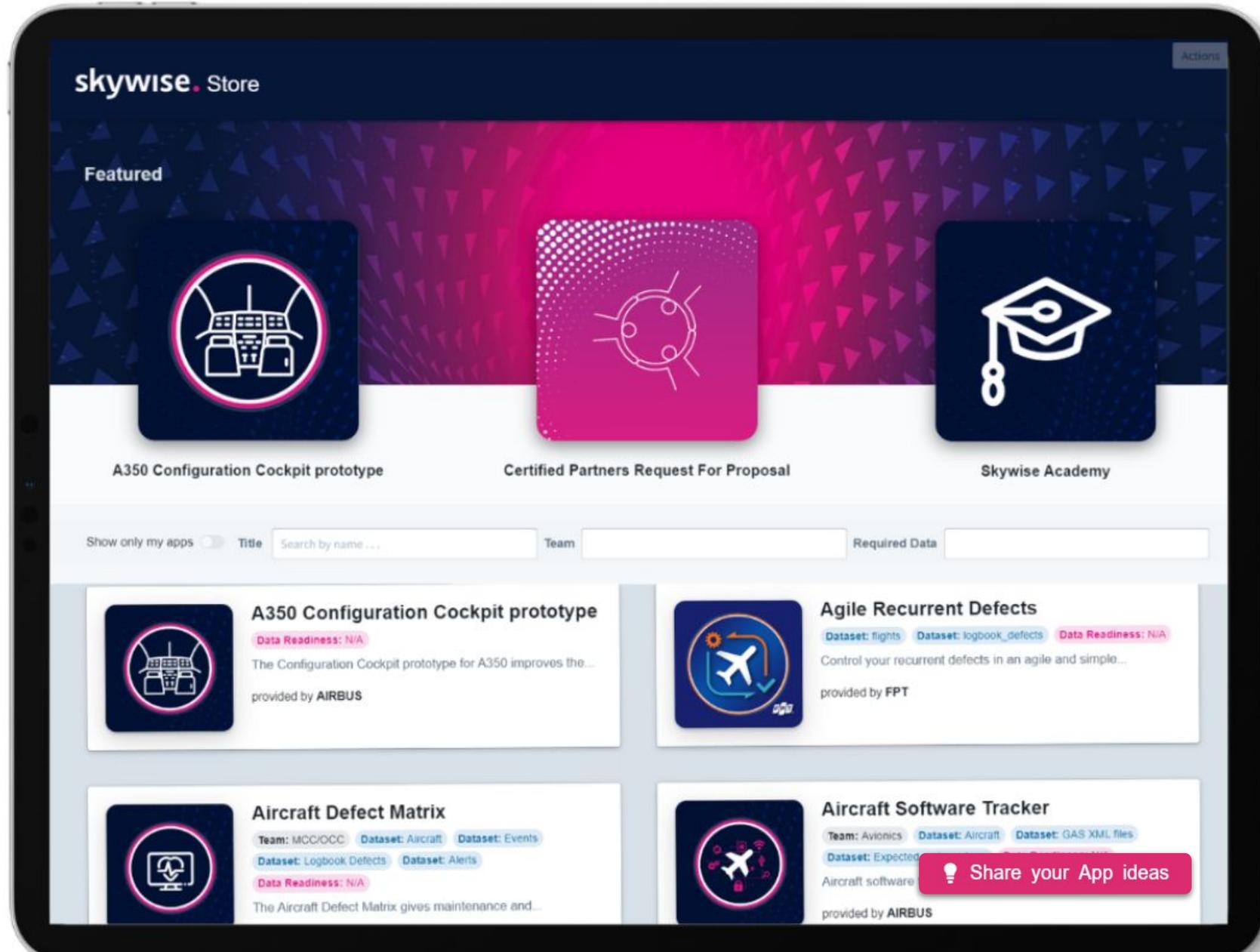
AIRBUS

Wheel Replacement Analysis

Provided by [LTTS]

To anticipate wheel component failure by analyzing the historical data.

Contact LTTS

AIRBUS

Let's enrich the Skywise Store

Use to contextual button on our Store to share your App ideas.

AIRBUS

Unleash the power of data, together.

Skywise Partners Programme

AIRBUS

Thank you

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