Product Release Notes

September 2023

flydocs

Release Notes

Summary

This release cycle includes new features and improvements to the software deployed within the period;

- Tuesday 22nd August 2023 → Thursday 21st September 2023

During this period, we have focused on implementing various requests for enhancements whilst providing significant improvements to enhance the overall performance and user experience.

Abbreviations

A&E	Access & Entitlements
AM	Asset Management
COMP	Compliance
FCI	Flydocs Integrations
FSCC	Flydocs Scanning Control Centre
RSP	Records Storage Project

Change Log:

- **Bull Queue Monitoring System (RSP)**

Description: A monitoring system has been developed to keep track of the Bull queue. The system sets up a cron job to periodically check for specific conditions: the number of errors exceeding 1000 in a particular queue, any active jobs running for more than 1 hour, and the absence of both active and waiting jobs. If any of these conditions are met, an email notification will be triggered. Additionally, PM2 status is now confirmed and monitored.

- **Code Standard Implementation for Feed and File Processing Project (RSP)**

Description: Code standard and commenting improvements have been implemented for the feed and file processing project. This includes the following:
  - ESLint has been implemented to enforce code quality standards.
  - Existing code issues have been addressed and fixed.
  - Git integration has been set up to automatically validate code changes.

- **Generate Excel File for File-Related Information Including URL (RSP)**

Description: Users can now generate Excel files containing comprehensive file-related information, including URLs. This feature allows users to generate these files based on specific documents or criteria, enhancing data management and accessibility.

FileId	Aircraft Name	Added on	FileName	AddedOnTimeStamp
2.371E+09	OH-LTN	############ 11578	OH-LTN-2020-01-0001.PDF	1689281396
2.371E+09	OH-LTN	############ 11578	OH-LTN-2020-01-0002.PDF	1689281396
2.371E+09	OH-LTN	############ 11578	OH-LTN-2020-01-0003.PDF	1689281396
2.371E+09	OH-LTN	############ 11578	OH-LTN-2020-01-0004.PDF	1689281396
2.371E+09	OH-LTN	############ 11578	OH-LTN-2020-01-0005.PDF	1689281396

- **Auto Alert for PM2 Stoppage (RSP)**

Description: To ensure the continuous operation of the FSCC project, an auto alert system has been implemented to detect and notify if PM2, the process manager, stops working. This system includes the following:
  - Email alerts will be sent out in case PM2 stops functioning.
  - A PM2 health check has been integrated to monitor PM2's status.

This alert system is specific to the FSCC processing project, helping to prevent delays and downtime caused by PM2 issues.

- **Session cookies Insufficiently protected (RSP)**

Description: Security-critical cookies are additionally protected against misuse with the appropriate cookie flags HttpOnly, Secure and SameSite. This applies in particular to cookies that are used for authentication.

- **Connection Pooling Implementation (All Projects) (FCI)**

Description: Implement connection pooling across all projects in the system, including necessary changes related to data readers. This change aims to optimize database connections and resource management. Connection pooling enhances system performance by efficiently managing database connections, reducing resource overhead, and improving overall system efficiency. This change benefits all projects and users by ensuring a smoother and more responsive system.

- **Addition of tooltips on all dashboards providing information on the data displayed (AM)**

Description: As a user it was not always clear what data was being displayed. Each page now has a dedicated tooltip to allow for clear understanding of the information being displayed.
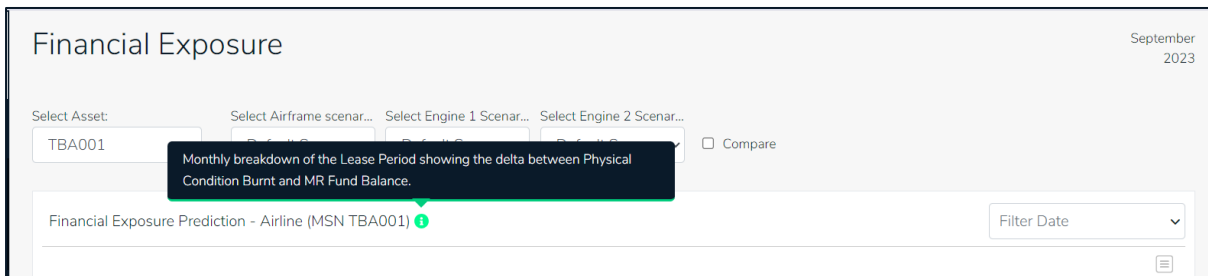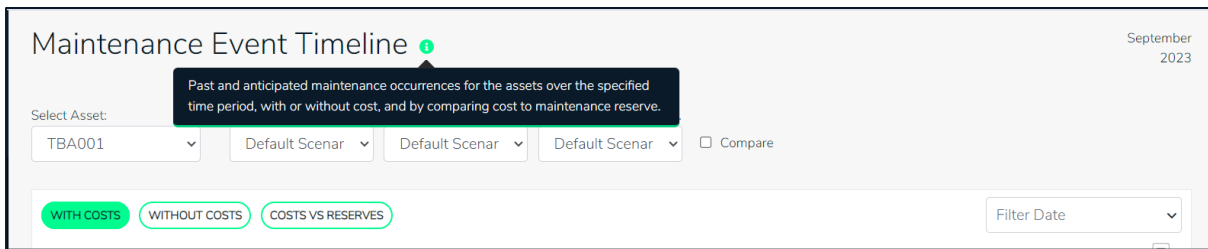

- **Added a coloured graph-legend to Asset Overview: Major Components (AM)**

Description: It was not clear as to what the colours represented, and therefore a graph-legend has been added. In addition, graph skinning has also been enhanced.
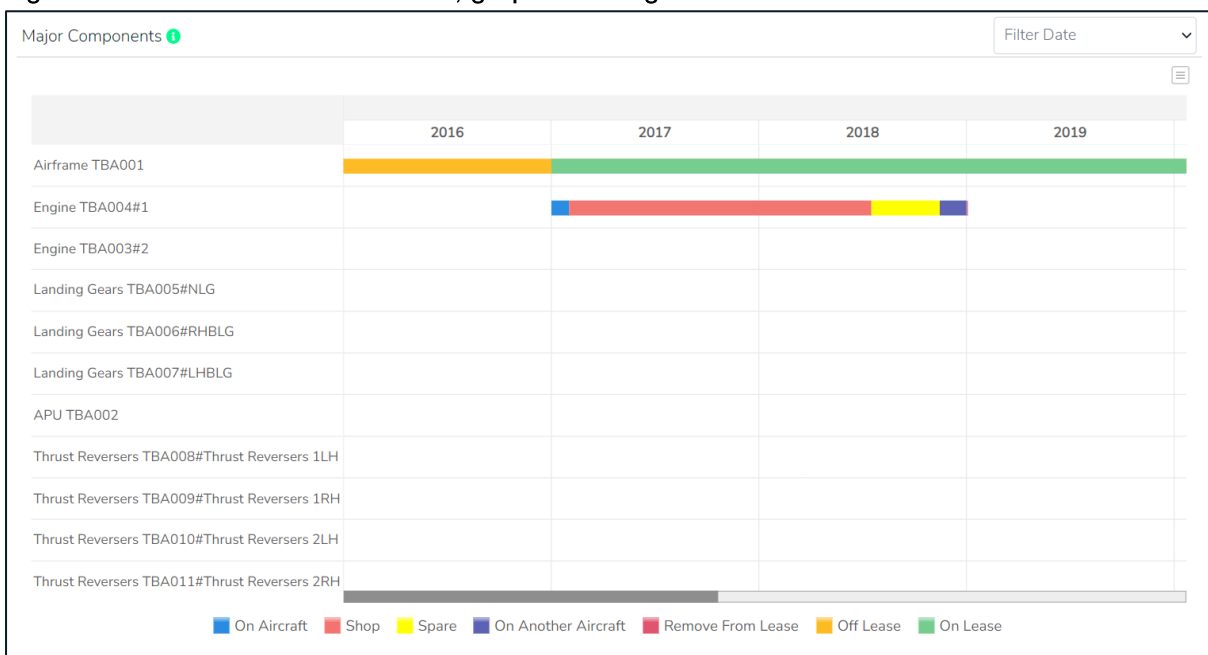
- **Display 'Remaining Life' within Asset Overview (AM)**

Description: Under Asset Overview (both Today and Lease expiry), the remaining life balance can now be displayed. This is an *optional* selection that can be utilised by the user if they wish to see the financial difference between the 'Actual Life' and the 'Full Life'.
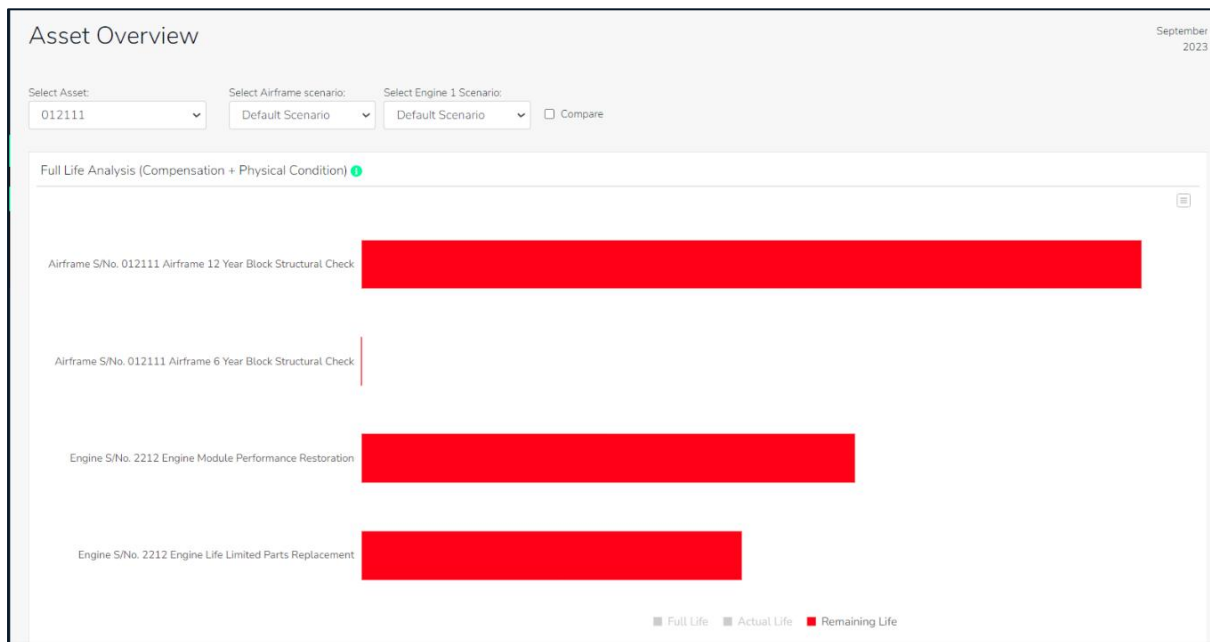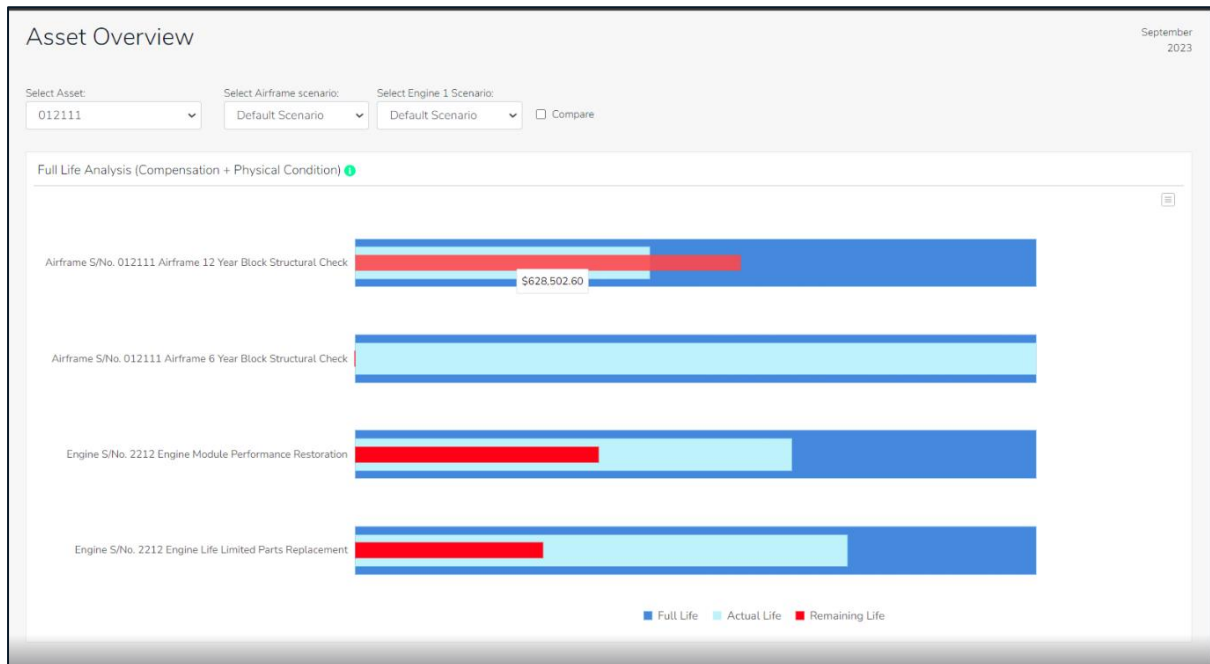

- **Performance (AM)**

Description: The AM dashboards have been greatly enhanced to render information quicker than ever, providing users with an enhanced UX.

- **Added keyword reset option in 'Search' options so that individual or all keywords can be reset based on the need (COMP).**

Description: In Search options, we have introduced new option to reset the entered keyword individually or all in just one go.
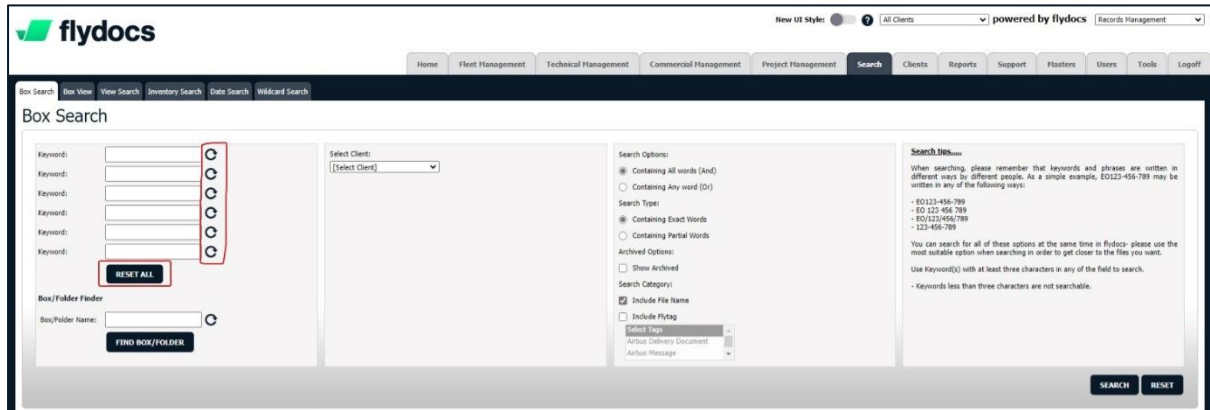
- **Retrieve document selection of different pages using current pages functionality under CS module. (COMP)**

Description: Now on current status, you can use the current page selection option to select the documents of the different-different paginations.
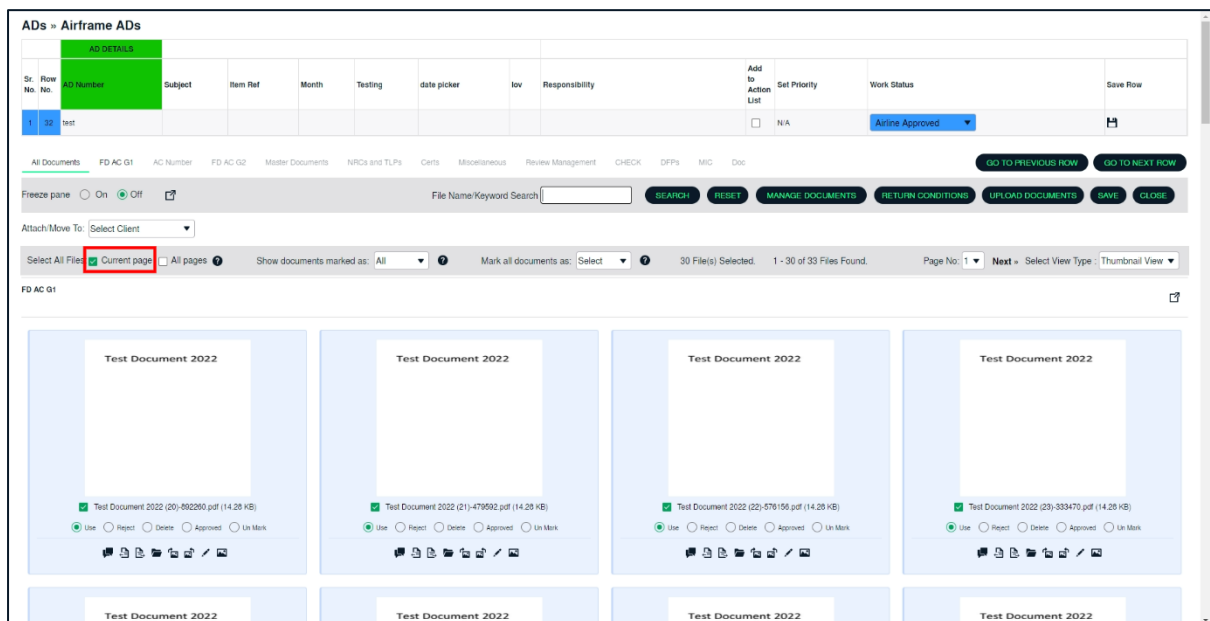
➢ October Release Notes

These are due to be circulated w/c 30th October 2023.

If you have any questions about these release notes, please don't hesitate to contact product@flydocs.aero