Help reduce operational disruptions and unplanned maintenance with data driven insights

Maintenance Insight from GE Digital Aviation Software
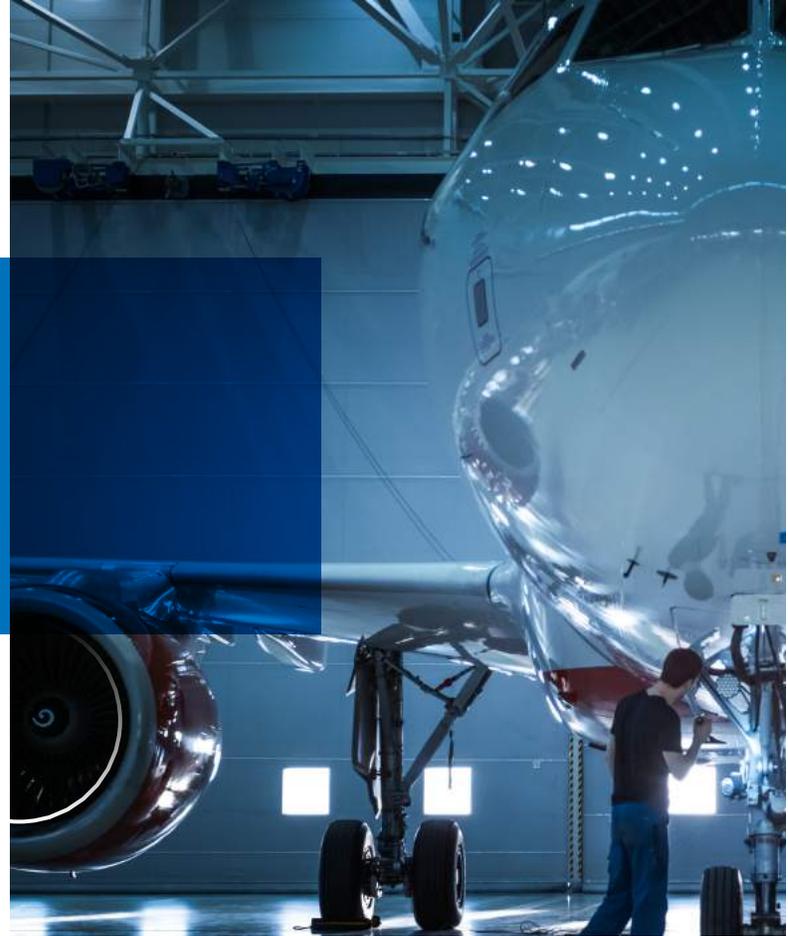
Maintenance Insight

help you get more out of what you already have so you can keep your fleet operating at its best. Extract more value out of your existing data to predict and prevent disruptions and reduce maintenance costs.

Identify

We work with you to pinpoint your top reliability challenges by analyzing your maintenance data

Ingest

We onboard your existing full-flight data and automatically process it using our industry-leading flight analytics platform

Deliver

We enable better prediction times and inform corrective action by classifying flight signatures, identifying root cause issues and providing timely, accurate reports on fleet health, atypical tails, and condition indicators.

Why Full Flight Data?

Full flight data provides continuous data for better visibility and flexibility than traditional data recording methods.

Reduce unplanned maintenance. Reduce unplanned expenses.

Airlines spent $20.2 billion on unplanned maintenance in 2018[1]

27%

of aircraft maintenance spend in 2018 was unplanned[1]

$10.3B

in unplanned maintenance spend could have been avoided using data and analytics for predictive maintenance[1]

GE Aviation

Maintenance Insight

provide airlines with analytics and insights to decrease unplanned maintenance burden and downtime.

What you get

- Data onboarding (not necessary for existing EMS customers)

- Calibration of parameters and threshold

- Fleet health reports

- Atypical tails reports

- Condition indicator charts

- Regular reviews of progress and findings

Built on best-in-class technology from Microsoft

Power BI enables customers to clearly understand the health and performance of their fleet by providing:

- **Interactive dashboards and charting**
- **Business intelligence capabilities**
- **A simple interface**

Azure Machine Learning enables customers to receive advance warning of component failure by providing:

- **A cloud-based environment**
- **Enhancements to GE's predictive analytics**

Why choose Maintenance Insight?

Accelerate time to value

Tackle your most pressing maintenance issues, faster

- Work with a partner who has decades of experience managing full-flight data

- Reduce time dealing with incomplete and inaccurate data

- Run, execute, and test analytics in less than a day

Confident maintenance planning

Make better decisions by staying up-to-date and informed

- Identify problematic aircraft

- Visualize fleet health

- Pinpoint maintenance issues at the component level

An operation your customers can count on

Help increase fleet reliability to keep your operation running at its best

- Leverage a partner who knows aviation as well as you do

- Enable improved maintenance effectiveness and enhanced fleet health

- Help boost customer satisfaction

Start your Maintenance Insight journey today with GE Digital Aviation Software.

Learn more at **ge.com/digital/maintenance-insight**