



GE Aerospace

SOFTWARE AS A SERVICE

Maintenance Insight

Help reduce operational disruptions and unplanned maintenance with data-driven insights.

Maintenance Insight helps 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.

Reduce unplanned maintenance and 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

¹Frost and Sullivan Applying Data and Analytics to Improve Efficiency study for GE Aviation's Digital Group, Nov 2019



What you get

- Data onboarding (for new 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, working 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 real-time fleet health
- Pinpoint maintenance issues at the component level



Boost customer satisfaction: Increase fleet reliability to keep your operation running at its best.

- Improve maintenance effectiveness and enhance fleet health
- Implement an operational process your customers can count on