

GoDirect™ Connected Maintenance for Mechanical Components

Features

- Connected Components program provides an on-condition / predictive maintenance service and helps reduce unscheduled maintenance events due to failed components. Monitor mechanical components and generate specific, actionable alerts to implement preventative health monitoring solutions.
- Diagnostic and Health Monitoring provides digital transformation from scheduled preventive maintenance to predictive maintenance with enhanced reports & data trends indicating system health utilizing existing aircraft data
- Predictive Maintenance offers component level insight into system issues, notifications, recommended actions and applicable reference to the aircraft maintenance manuals
- Asset Management and Inventory Control by helping track assets and maintain inventory at optimal levels for the Airlines
- Connected Components utilizes existing aircraft data and provides alerts in real time. It requires no costly retrofit. The service is delivered over the web through a secured website that customer has access to.

Customer benefits at a minimum in the following categories:

- Reduce preventive maintenance costs (labor hours, fuel burn, parts replacements)
- Reduced troubleshooting labor
- Less ground equipment usage (possible)
- Improved first time fix rate
- Reduced no fault founds penalty
- Fewer premature part removals
- Reduction in delays and cancellations



On-Condition / Predictive Maintenance from Unscheduled Maintenance events

- Reduction in number of operational disruptions
- Fewer unscheduled maintenance events due to failed components

Asset Management and Inventory Control

- Track assets and maintain inventory at optimal levels

Operation

- Uses QAR Data, Fault Data, ACMS reports, flight schedules, schedule disruptions, maintenance data, MRO shop data, and Weather data
- Alerts provide health check, components analysis, recommended actions

Solution Overview

- Reduce Schedule and Operational Disruptions due to component failures
- Proactively manage the health of critical components on aircraft

Input Data



- ACMS reports & QAR data
- Maintenance and Tech Logs



- Actual flight schedule
- Schedule disruption events



- Maintenance data
- MRO shop data

Advanced Analytics



Analyze data in real-time to identify on-condition problems

Maintenance Alert

Honeywell THE POWER OF CONNECTED									
ECB Health Report for 2017-01-02									
AL-001	AL-002	AL-003	AL-004	AL-005	AL-006	AL-007	AL-008	AL-009	AL-010
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)
Engine Health (1)	Engine Health (2)	Engine Health (3)	Engine Health (4)	Engine Health (5)	Engine Health (6)	Engine Health (7)	Engine Health (8)	Engine Health (9)	Engine Health (10)

Proactive, actionable tasks, and troubleshooting

Honeywell Aerospace

1944 East Sky Harbor Circle
Phoenix, AZ 85034
aerospace.honeywell.com