

THE CASE FOR PREDICTIVE INSIGHTS WITH HONEYWELL



WHAT IT IS

Predictive insights use advanced analysis of big data to diagnose and predict challenges and suggest solutions. They offer a way to enhance safety, improve performance, reduce maintenance costs and unplanned downtime, and provide a better passenger experience.

THE BENEFITS OF WORKING WITH HONEYWELL

- Maintenance insights to decrease downtime
- Weather and terrain insights for safer flights
- Flight and arrival insights to improve on-time performance
- A “high-stakes” technology provider that is in the business of providing safety with no room for error

CONSIDERATIONS

- Data cleanliness is paramount to achieving accurate predictions
- A single dashboard view makes insights more useful
- The ability to offer prescriptive solutions makes predictive systems far more valuable

KEY PRODUCTS

- GoDirect® for Airlines
- GoDirect Connected Maintenance
- GoDirect Flight Efficiency
- GoDirect Ground Handling
- Health and Usage Monitoring Systems (HUMS)
- Connected Radar (IntuVue® RDR-7000 3D)
- Aircraft Data Gateway
- CAS 67A Traffic Alert and Collision Avoidance System II (TCAS)
- Mark V Enhanced Ground Proximity Warning System (EGPWS)
- Unmanned aerial vehicle (UAV) inspection
- Flight data recorders and cockpit voice recorders

99%

accurate predictions

1.5%

no-fault-found (NFF) rate

100%

digital data capture

30%

increase in on-time performance

Honeywell



HONEYWELL EXPERIENCE AND EXPERTISE

- More than 100 years in the aviation, defense and space industries
- On nearly every aircraft in the world, and serving 500 airports globally
- Unmatched ability to connect aircraft, airport and ground services
- Critical implementation capabilities in installation, training and support
- A history of blending physical products and software to make more connected, efficient and productive solutions
- Analytics and software specialists focused on helping you take advantage of your data
- Preferred communications and network provider for top OEMs

Inputs

ACARS Messages
 Fuel-Load Sheets
 Weight and Balance
 Aircraft Performance Reports
 QAR/FOQA Data
 Operational Flight Plan
 Flight Operations System
 Fault Data
 System Performance Reports
 Delays and Cancelations
 Maintenance Tech Logs

→ **Analytics Engine** →

Outputs

Predictive Maintenance
 Lower Fuel Use
 Optimized Block Times
 Improved Flight Plans

Learn More

Learn more at our Predictive Insights page
aerospace.honeywell.com/predictiveinsights

Honeywell Aerospace

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

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 WHAT
 WE
 MAKE IT**

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