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 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

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

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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

Outputs
Predictive Maintenance
Lower Fuel Use
Optimized Block Times
Improved Flight Plans