Platned | IFS

Prescriptive maintenance in IFS Cloud

Prescriptive maintenance in IFS Cloud helps organisations move beyond traditional preventive and predictive approaches by recommending the best action to take at the right time. Using real time data, automation and intelligent diagnostics, it supports better decision making, reduces downtime and provides greater confidence in asset performance.

How prescriptive maintenance works in IFS Cloud

Continuous data monitoring

IFS Cloud connects to equipment, IoT sensors, historians and operational systems. It gathers real time performance data such as temperature, vibration, energy use and operating conditions.

Observation flows

Incoming data is captured and processed through configurable observation flows. These map data from devices, track performance changes and feed information into the asset health model.

Anomaly detection

IFS Cloud uses automated monitoring to identify unusual behaviour. The system flags anomalies when readings fall outside expected ranges. Tools such as Sentinel allow users to define their own rules and severity levels.

Asset health scoring

Asset health indicators are configured to reflect risk, condition and performance. Dashboards display the status of each asset, helping teams understand where intervention may be required.

Intelligent recommendations

Once an issue or risk is detected, prescriptive maintenance models suggest the best next step. This may include adjusting operations, scheduling maintenance tasks or replacing components.

Key features that enable prescriptive maintenance

Advanced anomaly detection

- Automated detection of irregular trends
- Configurable rules for thresholds and severity
- Visualisation of anomalies within performance dashboards

Operational Intelligence (OI) tools

- Real time Explorer pages showing equipment status
- Sentinel for continuous monitoring and rule based actions
- Advanced calculations and diagnostics
- Integration with Power BI for deeper analytics

Digital twin support

- Predicts the effect of operating conditions on asset health
- Enables faster diagnostics
- Helps compare assets to find inefficiencies

Modular and scalable architecture

- Built on REST APIs
- Supports flexible integrations
- Can be aligned with industry specific needs

Benefits for your organisation

- Reduce unplanned downtime through early detection
- Extend asset life with timely interventions
- Improve maintenance planning with accurate health insights
- Lower operational risk through automated surveillance
- Increase energy efficiency by identifying performance gaps
- Support compliance with data driven decision making
- Connect maintenance, operations and finance on one platform

Why choose Platned

As an IFS Gold Services Partner, Platned helps organisations unlock the full value of prescriptive maintenance in IFS Cloud. Our experts configure observation flows, set up monitoring rules, build asset health models and integrate your data sources. We ensure the solution supports your goals, improves reliability and delivers measurable performance improvements across your assets.

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