

Risk management across production lines in IFS Cloud

Overview

IFS Cloud provides an integrated framework for managing operational risk across production environments. By combining capabilities across Manufacturing, Quality Management, Enterprise Asset Management, Shop Floor Execution and Supply Chain, the platform gives manufacturers the visibility, structure and control needed to reduce disruptions, maintain quality and protect compliance.

How IFS Cloud supports production-line risk management

Centralised risk visibility across operations

- The Risk Register within IFS Projects and Document Management provides a structured way to capture and track risks.
- Risks can be linked directly to production structures such as Production Lines, Work Centres, Manufacturing Routes, Operations and Equipment.
- Users can attach documents, procedures, inspection results and maintenance history to each risk record for complete traceability.

Consistent assessment and scoring

- IFS Cloud supports configurable likelihood, consequence and detection scoring models, often used alongside FMEA/FMECA methods.
- Scoring within Quality Management and Equipment Reliability helps teams prioritise risks affecting product quality, safety, or uptime.

Integrated mitigation planning

- From the risk record, users can create actions such as Corrective and Preventive Actions (CAPA), Engineering Changes, Maintenance Tasks, Training Activities and Supplier Follow-ups.
- CAPA workflows in the Quality module ensure accountable owners, defined timelines and verification steps.
- Maintenance actions flow into Preventive Maintenance Plans, Work Orders and Condition-Based Maintenance schedules.

Real-time monitoring and early warnings

- Shop Floor Execution and Production Reporting provide real-time feedback on deviations, scrap, delays and machine utilisation.
- Integrated sensors, IoT feeds and Condition Monitoring tools can highlight temperature, vibration or pressure anomalies that increase operational risk.
- Alerts and workflows triggered through IFS Lobby dashboards, Event Actions and Notifications ensure rapid response.

Quality assurance and compliance links

- Non-conformance reports, quality inspections and batch traceability within IFS Quality Management feed directly into updated risk assessments.
- This supports ISO and industry compliance, providing auditable evidence of how risks are controlled.

Equipment and asset risk control

- Enterprise Asset Management links equipment performance, reliability and past failures with the risk register.
- Maintenance teams can analyse failure modes, identify high-risk assets and refine maintenance strategies such as Predictive and Condition-Based Maintenance.



Supplier and material risk visibility

- Supply Chain capabilities track supplier performance, delivery reliability, material availability and quality issues.
- Supplier risk can be connected to production-line risks, helping manufacturers avoid stoppages caused by late, non-conforming or inconsistent supply.

Continuous improvement and learning

- Insights from production KPIs, OEE, downtime analysis, inspection results and maintenance findings feed continual improvements to risk scoring.
- Manufacturers can refine standard operating procedures, update training, or adjust planning models to avoid repeated issues.

Benefits for manufacturers

- Fewer equipment failures and process deviations
- Higher product quality and improved consistency
- Stronger compliance and audit readiness
- Softer impact from supply chain disruption
- Faster, evidence-based decision-making
- Improved operational resilience and predictable production performance
- Better coordination between production, quality and maintenance teams

Why work with Platned

As an IFS Gold Services Partner, Platned helps manufacturers unlock the full value of risk management in IFS Cloud. Our consultants will ensure that your production lines gain measurable control, improved stability and stronger operational outcomes. We support implementation, optimisation and continuous improvement to ensure your investment delivers lasting value.

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