DXC AI Predictive Maintenance for SAP BTP

Enhanced by artificial intelligence, predictive maintenance optimizes the upkeep of intelligent assets.

Solution Overview

DXC AI Predictive Maintenance maximizes operational efficiency and reliability by transitioning from reactive to predictive maintenance methodologies. DXC empowers your organization to harness the full potential of IoT technology, transforming equipment into intelligent assets. Through real-time data streaming and advanced failure prediction, seamlessly integrated with SAP Business Technology Platform and SAP S/4HANA, we ensure continuous uptime and productivity across industries, from Manufacturing to Aerospace and Automotive. Say goodbye to costly downtime and hello to consistent operational excellence, bolstering your bottom line and reinforcing reliability where it matters most.

Solution components

- SAP S/4HANA Cloud Private Edition
- SAP ERP, private edition
- SAP Build Process Automation
- AWS Monitron, IOT
- SAP AI core, SAP Cloud Foundry

SAP® Business Technology Platform

SAP S/4 HANA

Features

- Real-time Monitoring of equipment and instant alerts
- Artificial intelligence assisted predictive maintenance
- Automation of SAP plant maintenance workflow
- Intuitive Dashboards help you make informed decisions

Business benefits

Automation of SAP plant maintenance workflow

Ensures that your operations run like a well-oiled machine, maximizing productivity and profitability, AI predictive maintenance optimizes the scheduling of repairs and maintenance, ensuring that machinery is available and reliable when needed, thus maximizing uptime and overall operational efficiency.

Predictive maintenance introduction

Traditional maintenance strategies often lead to either unnecessary routine checks or costly downtime due to unexpected equipment failures.AI-assisted predictive maintenance predicts equipment failures before they happen, allowing businesses to perform maintenance only when needed. This optimization reduces the frequency of maintenance, leading to significant cost savings on labor, parts, and downtime.

Artificial intelligence assisted predictive maintenance

Equipment failures can pose serious safety risks to personnel. AI-assisted predictive maintenance improves workplace safety by forecasting potential equipment malfunctions, allowing businesses to address issues before they lead to accidents or hazardous situations.

Improves efficiency and uptime of machinery

The solution detects early equipment issues, preventing primary faults and significantly reducing secondary damage to other system components. This proactive approach enhances overall system reliability, prolongs lifespan, and maintains operational integrity.

SAP Certified Operations

DXC is SAP Global Strategic Services Provider (GSSP) and SAP certified BTP SaaS Solution in SAP Store

Proven Track Record

DXC has a proven track record in complex solution implementations & systems integration

Proprietary Methods, Tools & IP

DXC developed optimization and transformation methods and tools, content extensions and accelerators

Contact us to learn more.

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