MAINTENANCE INTELLIGENCE PACK
MANUFACTURING PROCESS INTELLIGENCE

3DEXPERIENCE®

FASTER MAINTENANCE ANALYTICS "OUT-OF-THE-BOX"

Maintenance Intelligence Pack offers comprehensive, real-time visibility and historical analytics into maintenance activities and performance, in and across plants. Offering pre-configured analytics, reports, dashboards, and Key Performance Indicators (KPIs), Maintenance Intelligence Pack delivers ready-to-use, maintenance-based reporting and analytics covering 45+ indicators such as maintenance orders on time, maintenance efficiency, and maintenance cost reporting. Supervisors and managers benefit from faster visibility into maintenance efficiency and productivity, MTBF, MTTR, spare parts usage, and more. Maintenance Intelligence provides visibility and functionality into all maintenance-related activities, thereby supporting continuous improvement initiatives such as Lean to help improve cost and performance.

Intelligence Packs are available standalone or as a component of a broader DELMIA Apriso Manufacturing Process Intelligence (MPI) product portfolio. As an operational intelligence solution, MPI provides visibility and decision support across all manufacturing operations to achieve and sustain manufacturing excellence. Beyond Maintenance Intelligence, MPI offers Intelligence Packs across all key operational areas including Production, Warehouse, Quality, Logistics, Machine, and Time & Labor. With "out-of-the-box" integration to Apriso manufacturing applications, Intelligence Packs get you up and running faster so that you can address specific pain points quickly.

BENEFITS

- Reduces costs by improving equipment performance and decreasing downtime
- Improves visibility into maintenance activities across plants
- Gains insights into Overall Equipment Efficiency (OEE) and Utilization
- Leverages equipment repair history to discover effective procedures and policies
- Improves maintenance scheduling based on comprehensive plant data
- Supports Six Sigma, Lean, and other continuous improvement programs
- Provides flexible, ad-hoc reporting and analytics to reduce IT reliance and increase agility and responsiveness
- Reduces the time and cost of data acquisition and configuration by over 60%
- Boosts decision support with fact-based, contextualized data that's readily available on the shop floor
- Deploys common metrics quickly and easily to any MPI instance to standardize enterprise analyses and compare plant by plant performance

DASSAULT SYSTEMES

CONSISTENT KPI REPORTING ACROSS THE ENTERPRISE

Maintenance Intelligence Pack delivers standardized Key Performance Indicators (KPIs), providing a baseline for labor and repair reporting that can be leveraged across locations on a global, enterprise-wide scale. This means a KPI like time-to-repair is defined just once, and is then reported the same across all plants. Measures can be rolled up to provide global visibility while simultaneously supporting drill down into individual plants to enable cross-plant comparisons and benchmarking. This provides, for example, visibility into maintenance activities across the enterprise for a given type of equipment and insight into which maintenance teams operate most efficiently.

A COMPREHENSIVE SOLUTION FOR MAINTENANCE INTELLIGENCE

Manufacturing equipment is capital intensive and machine downtime is costly. Whether planned or unplanned, maintenance operations disrupt production and consume resources. Manufacturers need visibility into detailed data to ensure optimal maintenance performance, equipment utilization, and production efficiency. Maintenance Intelligence Pack provides a comprehensive solution for capturing and analyzing the granular data needed to achieve these goals. And, it enables your team to work collaboratively using Microsoft® Excel, ensuring instant familiarity, and reducing the time to get engineering productive. This means you can identify and respond faster to problems.

For example, if one plant consistently suffers more equipment breakdowns than others, how would you determine the cause of the difference? Maintenance Intelligence Pack monitors all repair activities, both scheduled and unscheduled. With consistent KPIs across plants, Maintenance Intelligence Pack can compare activities, response times and results, and correlate them to related activities in production. This embedded collaboration lets you quickly identify why some maintenance teams perform at a higher level than others.

PART OF THE TOTAL APRISO SOLUTION

Maintenance Intelligence Pack is a key component of DELMIA's broader Apriso solution for manufacturing operations management. With Apriso you can manage production, quality, warehouse, maintenance, and labor processes to achieve visibility into, control over, and synchronization across global manufacturing operations. Built with a native Business Process Management (BPM) framework that incorporates a unified data model, Apriso applications enable continuous improvement and rapid response to market changes. Apriso delivers a global view of manufacturing operations by utilizing a Service Oriented Architecture (SOA) to ease integration with enterprise applications, such as ERP and PLM, while interfacing with the shop floor and automation equipment.

FEATURES

- 45+ measures and KPIs on MTBF, MTTR, MTTF, maintenance orders, spare parts usage, and more

- Correlates maintenance activities with equipment performance to improve uptime

- Monitors all maintenance, repair, and overhaul activities

- Supports the ISA-95 reference model for Maintenance

- Use Excel Add-In to embed maintenance intelligence for further analysis or to share analytics and improve collaboration

- Automate deployment capabilities globally across plants

- Easily create analytic views and share them across sites with Cube View repository

- Calculate and display metrics across multiple functional areas, dates, products, reason codes, and shifts, in pre-configured reports

- Automatically drilldown to perform ad-hoc reporting and slicing and dicing of data by non-IT users

- Includes web-based visualization for any operator screen or third-party portal

- Embeds role-based security at menu and information level

Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

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