

PRODUCTION INTELLIGENCE PACK

MANUFACTURING PROCESS INTELLIGENCE

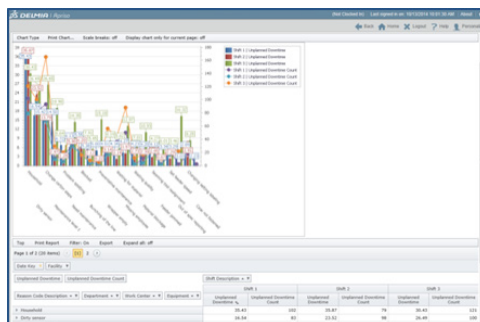
FASTER PRODUCTION ANALYTICS “OUT-OF-THE-BOX”

Production Intelligence Pack offers comprehensive, real-time visibility and historical analytics into production, in and across plants. Offering pre-configured production analytics, reports, dashboards, and Key Performance Indicators (KPIs), Production Intelligence Pack delivers ready-to-use order and production-based reporting and analytics that cover 200+ indicators, such as order adherence, operation duration, and first pass yield reporting. Engineers and managers benefit from faster visibility into order and production performance, including order completion (late, short, or full), actual cycle times, scrap and rework rates, and more. Production Intelligence enables offline root cause analysis and supports continuous improvement initiatives, such as Lean and Six Sigma, to reduce production costs and improve perfect order performance.

Intelligence Packs are available standalone or as part of a broader DELMIA Apriso Manufacturing Process Intelligence (MPI) solution. As an operational intelligence solution, MPI provides visibility and decision support across all of manufacturing operations to achieve and sustain manufacturing excellence. Beyond Production Intelligence, MPI includes Intelligence Packs across additional operational areas such as Machine and Labor. With “out-of-the-box” integration to DELMIA Apriso manufacturing applications, Intelligence Packs get you up and running faster so that you can address specific pain points quickly.

CONSISTENT KPI REPORTING ACROSS THE ENTERPRISE

MPI Production Intelligence Pack delivers standardized Key Performance Indicators (KPIs), providing a baseline for performance management and productivity reporting that can be leveraged across locations on a global, enterprise-wide scale. This means a KPI-like order adherence is defined once and 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 to total production for a given product across the enterprise and insight into which plant or production line produces it most efficiently.



BENEFITS

- Improves visibility into manufacturing process, operations, and order performance
- Reduces production costs and increases efficiency
- Increases production quality and reduces scrap
- Reduces production variability resulting in lower safety stock levels and improved cash flow
- Provides flexible, ad-hoc reporting and analytics to reduce IT reliance and increase agility and responsiveness
- Supports Six Sigma, Lean, and other continuous improvement programs
- 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 FlexNet instance to standardize enterprise analyses and compare plant-by-plant performance

A COMPREHENSIVE SOLUTION FOR PRODUCTION INTELLIGENCE

Today, manufacturers face increasing pressure to achieve perfect order performance. This demands unprecedented visibility to detailed performance data to ensure high order adherence and production yields. MPI Production Intelligence Pack provides a comprehensive solution for capturing and analyzing the granular operational 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, when the plant manager identifies a substantial increase in late and incomplete orders, quick resolution is required. Production Intelligence Pack provides visibility into order performance, tracking orders completed short versus full, and those completed late versus on time; it provides further drill down into operation quantity variance, late operations, order variance, and order duration. Results can then be compared against corresponding scrap and rework rates. Production Intelligence Pack provides the flexibility and business context to “slice and dice” this information to surface hidden correlation to products, shifts, work centers, or other factors. By providing detailed information to order and production performance, MPI Production Intelligence Pack enables you to quickly expose hidden rework responsible for increased process variance and, ultimately, late orders.

PART OF THE TOTAL DELMIA APRISO SOLUTION

Machine Intelligence Pack is a key component of DELMIA’s broader DELMIA Apriso solution for manufacturing operations management. With DELMIA 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, DELMIA Apriso applications enable continuous improvement and rapid response to market changes. DELMIA 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

- Includes 200+ measures and KPIs on production performance, order adherence, and first pass yield
- Identify slow operations to attack delays in the production process
- Correlate order, operation, and process to validate continuous improvement initiatives on production rates and quality issues
- Flag late or short orders to improve customer satisfaction and increase revenue
- Includes Excel Add-In to embed production intelligence in Excel for further analysis
- Provides Excel workbook repository to share analytics and improve collaboration
- Automates deployment capabilities globally across plants
- Enables easy creation of new analytic views and the ability to share them across sites with the Cube View repository
- Calculates metrics across multiple functional areas, dates, products, reason codes, and shifts, displayed in pre-configured dashboards, Excel workbooks and reports
- Allows automatic drill down, 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

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