

# DELMIA APRISO QUALITY INTELLIGENCE PACK

## DELMIA APRISO MANUFACTURING QUALITY INTELLIGENCE

### CROSS-SILO QUALITY ANALYSIS, MADE EASY

DELMIA Apriso's Quality Intelligence Pack (QIP) provides quality managers with out-of-the-box manufacturing analysis capabilities to help find, investigate, and solve key quality issues throughout the manufacturing process, including excessive scrap levels, supplier performance, product non-conformance, and process variability. With DELMIA Apriso QIP, customers can analyze all facets of their operations to minimize costly defects, maximize the effectiveness of their Quality Control staff and machines, and maintain rapid-response containment capabilities at all times. With more than 100 built-in measures and KPIs, it's a complete end-to-end solution, with standard screens and reports as well as analysis capabilities to solve the most pressing quality problems and issues.

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 Quality Intelligence, MPI includes Intelligence Packs across additional operational areas such as Machine, Production, and Labor. With "out-of-the-box" integration to DELMIA Apriso manufacturing applications, Intelligence Packs get you up and running faster so you can address specific pain points quickly.

### FAST TIME TO VALUE

The Quality Intelligence Pack delivers a fast return on investment, allowing users to begin tracking and managing quality issues quickly. There is no need to rip and replace your IT investments. DELMIA Apriso's MPI and Quality Intelligence Pack can use data retrieved from almost any 3rd-party solution. It integrates with MS Microsoft® Excel and Office. And, when used with other MPI intelligence packs, it can link quality results across machines, production, and time and labor analysis to identify the true impact and cause of problems. With prepackaged KPIs and graphical dashboards, the Quality Intelligence Pack makes it easy to see exactly what is happening throughout your Quality operations.



### BENEFITS

- Improves visibility into manufacturing quality for greater efficiency and accuracy
- Reduces non-conforming products for increased customer satisfaction, lower overall costs, and brand protection
- Builds a more trustworthy supply chain by providing complete understanding of supplier quality
- Helps to reduce time for performing inspections resulting in a more efficient material flow, shorter lead times, and less need for safety stock levels
- Minimizes supplier and customer returns
- Helps identify quality problems early, limiting their impact and cost
- Increases efficiency of test machines and employees to support faster production processes
- Analyzes test machines to ensure that only bad products are scrapped, resulting in greater production margins

## IN-DEPTH QUALITY ANALYSIS FOR CONTINUOUS IMPROVEMENT

Quality departments face complex challenges: identifying non-conforming products quickly and cost-effectively; ensuring supplier consistency; maintaining reliable test systems and processes that are dependable and consistent enterprise-wide. DELMIA Apriso's Quality Intelligence Pack is a comprehensive solution positioned to address these challenges, enabling quality managers to analyze not only the quality results, but also quality control performance, supplier quality, and even containment actions.

- **Defect Analysis** - see where defects occur, identify root cause, and understand the impact and appropriate resolution; quickly identify and correct critical defects; analyze and understand data across products, machines, shifts, departments, or facilities
- **Inspection Analysis** - analyze which defects are being caught, how inspection machines are performing, the extent of "test coverage;" quickly improve processes based on test results statistics using histograms and capabilities indices
- **Containment Analysis** - see the effectiveness and impact of containment activities wherever they occur; analyze length and cost of containment for products "Contained," "Held," or "Released," including customer impact and how to prevent future problems
- **Supplier Analysis** - rate and compare global suppliers based on defect rates, reasons for rejects, and overall performance based on incoming inspections analysis; supplier quality dashboard shows supplier performance and metric comparisons

## PART OF THE TOTAL DELMIA APRISO SOLUTION

Quality 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

- Defect analysis supports DPO, DPMO, and Process Sigma
- Score and compare suppliers by defects and impact
- Track visual defects and compare by product region
- Inspection Execution and Result Analysis to maintain effective inspection processes
- Full containment analysis with cost, impact, and reasons
- Supplier Quality Dashboard
- Prepackaged content includes 140+ Measures and KPIs and 30+ Analysis definitions
- Includes 4 Excel Workbooks with 30+ worksheets of data
- 9 different dashboards for easily viewing every aspect of Quality
- Calculates across organization, dates, product and product groups, reason codes and types, and partners/customers/suppliers

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