

Apriso Reporting Analytics Platform

A Global Manufacturing Data Warehouse

Unified Reporting Solution

Managers depend on accurate, timely reports. Legacy manufacturing operations produce huge, valuable amounts of data – yet most is trapped in data silos or “tombs.” Achieving real-time visibility into this data often requires considerable programming. The process of normalizing and combining data from different plants can be tough.

Apriso Reporting Analytical Platform (RAP) is a comprehensive data warehouse that enables manufacturers to turn plant-level data – from one or many plants – into meaningful intelligence. RAP works ideally with Apriso Manufacturing Process Intelligence (MPI) to enable out-of-the-box analytics reporting for manufacturers. Alternatively, this data warehouse can be used with other, third-party reporting tools such as Business Objects, MicroStrategy, MS and SSRS, among others.

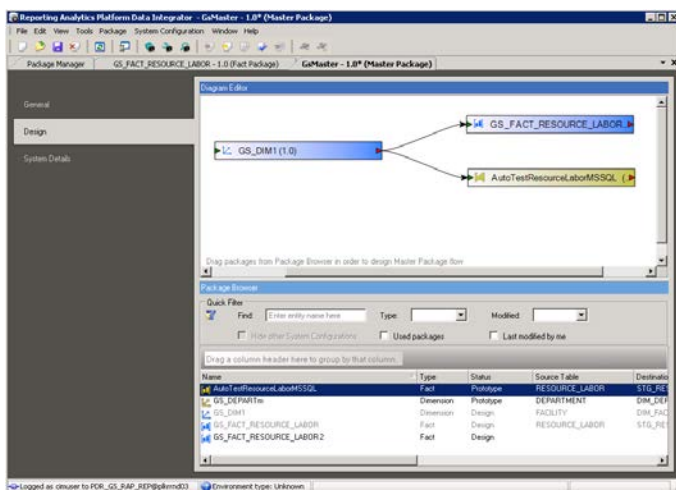
RAP collects all manufacturing operations data into a single unified warehouse, where it is rationalized and available for reporting. The solution understands manufacturing data and manages the integrity between transaction and reporting databases. Out-of-the-box configurations ensure the data warehouse is correctly populated. Whether you need simple plant level reports or a complex analytics engine for the enterprise, RAP provides the foundation for timely, accurate, effective reporting for all levels of management.

Better Data for Better Decision Making

By automatically providing most functions and populating transactional data into a reporting format, RAP eliminates the complexities of building and maintaining a data warehouse. By providing accurate data based on the latest plant activities, including operator and supervisor transactions, RAP facilitates the creation of management reports in a highly visual, easy-to-understand format.

Plant Level or Enterprise Level

RAP supports both centralized deployments (many Apriso instances feeding a single data warehouse), and distributed deployments (many Apriso instances and many warehouses). The centralized approach takes full advantage of Apriso capabilities and its Centers of Excellence by providing enterprise-level reporting and benchmarking between sites, standardized performance measures, and continuous improvement across the manufacturing landscape.



Benefits

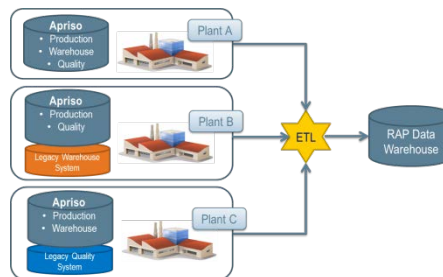
- Easy-to-use format speeds access to reporting and analysis to reveal faster identification of trends
- Covers all areas of manufacturing operations (Production, Warehouse, Quality, etc.) for cross-departmental analysis and trending
- Extends the value of corporate Business Intelligence applications
- Improves decision-making by providing broad and deep manufacturing data
- Increases return on investment potential with out-of-the-box deployment
- Elevates performance with up to 90% reduction in time and cost of configuring Extract, Transformation & Load (ETL) tools
- Eases maintainability due to supported standards to lower total cost of ownership (TCO)
- Features flexible solution that can be used with Apriso Manufacturing Process Intelligence or other 3rd party reporting and analytics tools
- Works seamlessly with other Apriso enterprise applications such as Global Trace and Genealogy

Standard Technology, Fast Configuration and Runtime

RAP is built on the Microsoft SQL Stack with features designed specifically for manufacturing data. Users can build a custom manufacturing data warehouse with minimal IT effort. RAP automatically configures and manages the integration between various transactional plant data and the reporting and analysis data warehouse. A user-friendly wizard simplifies configuration and maintenance of data extractions while ensuring integration packages follow best practices – including data retrieval, logging, change data management, and other essential tasks.

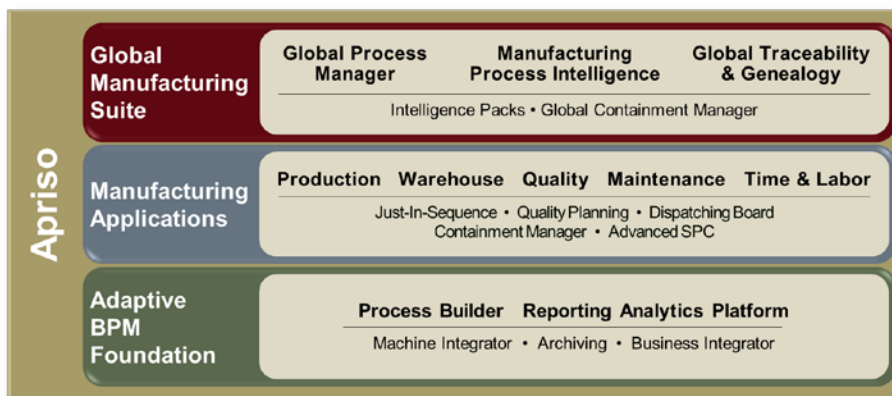
Not Just for Apriso Data

Even if you don't standardize on Apriso, you can still use RAP data warehouse to consolidate manufacturing data. RAP allows non-Apriso users to map data efficiently and accurately from multiple data sources (Oracle or SQL) into a single data warehouse, providing a single representation of the truth. Furthermore, RAP makes off-the-shelf Apriso manufacturing intelligence and global traceability products readily available to non-Apriso implementations.



Part of the Total Apriso Solution

Apriso Reporting Analytics Platform (RAP) 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.



About Dassault Systèmes & DELMIA

Dassault Systèmes, the 3DEXPERIENCE Company, serves 170,000 customers across 140 countries, providing virtual universes for sustainable innovation. Dassault Systèmes' DELMIA brand offers products that connect the virtual and real worlds. As part of DELMIA, the Apriso product portfolio helps manufacturers transform their global operations to achieve and sustain operational excellence. Learn more at apriso.com.



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Features

- Includes data warehouse optimized for manufacturing data reporting
- Supports centralized or distributed models
- Allows users to create new revisions of ETL packages, and then deploy
- Includes easy-to-use wizard to guide ETL package creation
- Promotes reuse with predefined ETL components
- Automates frequently repeated and time consuming activities
- Contains built-in error handling, logging, and best practices
- Shares entity data between systems with robust Master Data Management configuration
- Automates change tracking mechanism to only send changed records to the data warehouse
- Manages deployment with automatic time conversion and language translations