

Acumence Manufacturing Business Intelligence and Oracle E-Business Suite Provide Shop-Floor to Top-Floor Intelligence



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Industry

Manufacturing

Oracle Products

Oracle BPEL Process Manager
Oracle ESB
Oracle BAM
Oracle Edge Server
Oracle Business Intelligence Enterprise Edition
Oracle EDA Suite
Oracle SOA Suite
Oracle E-Business Suite
Oracle Database

"Partnering with Oracle E-Business Suite and Fusion Middleware gives Acumence the tools and technologies needed to create comprehensive shop-floor to top-floor intelligence solutions that help our customers drive productivity improvements through the roof."

**- Joe Jablonski, CEO
Acumence LLC**

Acumence is a leading provider of enterprise manufacturing intelligence solutions

Partner Overview

Acumence is a leading provider of enterprise manufacturing intelligence software solutions for monitoring, measuring, and analyzing manufacturing performance. Acumence solutions are utilized in manufacturing operations around the world to optimize performance and production efficiency.

Integration Solution Overview

Acumence developed an integrated operational intelligence solution for manufacturers, based on a variety of Oracle products and technologies, that provides users with comprehensive real-time intelligence about their manufacturing operations.

Acumence Manufacturing Business Intelligence monitors events on the plant floor in real-time, aggregating data via a proprietary transformation technology into a model-based data store. The Acumence Plant Server stands as a high-resolution data store with OLAP server, standard query, and real-time push technology to deliver information to dashboards, reports, and analytical tools for further visualization, reporting, and analysis.

Flexible Integration

Oracle Database is used as a high-resolution manufacturing data hub storing shop floor production data, including real-time machine data. Oracle EDGE Server is used to collect data from devices such as barcode readers and non-standard equipment, while Oracle ESB is used to transform data from other shop-floor systems, as well as to integrate with Oracle BAM, BPEL Process Manager, Oracle BI Enterprise Edition, and other Enterprise Applications such as Oracle JDE Enterprise One to synchronize work orders, products, and production information.

In the Acumence solution, the real-time metrics and analytics engine identifies problem areas, driving activity to the Oracle BPEL Process Manager in order to enable real-time workflow, tracing, and resolution of high-priority shop floor problems such as emergency maintenance activity, material shortages, or operating exceptions needing attention.

Why Oracle

An integrated Acumence Manufacturing Business Intelligence solution combined with Oracle Fusion Middleware and these integrated products provides Acumence customers with access to one of the most broadly available operational intelligence solutions. This solution combines real-time shop-floor data collection, reporting, and analysis with broad enterprise integration, thus providing visibility into operational, supply chain, planning, logistics, and enterprise wide intelligence in a single environment.

Essential Benefits

- Enterprise-wide, real-time visibility into multi-site manufacturing performance drives productivity higher.
- Comprehensive integration with plant floor and business systems means having the right information available for the right purpose.
- Low setup and integration costs enable fast realization of value and low cost of ownership

For additional information about partnering with Oracle, please contact us at opninfo_us@oracle.com or visit us at www.partners.oracle.com.

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