

Enterprise Manufacturing Operational Intelligence Selection Guide

TECHNOLOGY SELECTION GUIDANCE WITH COMPREHENSIVE EVALUATION CRITERIA

INFORMED OPERATIONAL ANALYTICS AND VISIBILITY SELECTION

This guide will help organizations select the best enterprise manufacturing intelligence (EMI) software for their plant operations and business requirements. This guide contains guidance, suggested selection criteria, and supplier profiles to help team members find common ground to make more insightful, fact-based decisions, with lower risk and faster time to benefit.

Enterprise manufacturing operational intelligence is the framework of integrated software and services that bring together a company's manufacturing and operations data. This requires integrating disparate data sources in a cohesive, intelligent, and contextual fashion for reporting, analysis, and visualization. EMI captures data between operations, plant-floor systems, and enterprise business systems. EMI applications include data integration and aggregation, data contextualization and management, analytics and analysis, and visualization.

EMI captures, aggregates, and provides analysis and visualization tools and intelligent dashboards for manufacturing big data, including data from smart sensors and other smart, connected devices.

EMI helps companies make faster decisions, avoid abnormal behavior, improve time-to-value, and optimize operations. EMI solutions can help improve visibility, and reduce costs.

Successful EMI implementations support interoperability and global standards and can help prove visibility and collaboration across global industrial enterprises; providing operations, engineering, and management with the operational intelligence needed for more effective, real-time decision making.

For more information, please visit us at www.arcweb.com/technology-evaluation-and-selection

STRATEGIC ISSUES

The EMI market is diverse, with each industry having its own distinct application requirements and suppliers. The selection guide explores user objectives, technical selection criteria, and applications with information about best practices, market trends, supplier industry segments, and geographic regions, and answers key questions:

- What EMI functions are needed?
- What features and capabilities should be considered when comparing suppliers?
- How does the EMI software integrate with the installed base of solutions, business systems, and new technologies?
- Which suppliers have success in your industry?
- What are best practices of other users?
- How are big data, mobility, cloud, and the Industrial Internet of Things (IoT) affecting EMI solutions?
- What are some of the key technologies being implemented?

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TECHNOLOGY AND SUPPLIER

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Profiles for the major EMI suppliers servicing this market are included. Each profile concisely reviews the company's business, products, and services as it applies to this market segment.

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