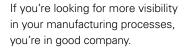ORACLE®
**SUPPLY CHAIN
MANAGEMENT
CLOUD**

Why End-to-End Visibility Is Key to a Modern Manufacturing Process

Optimize and Integrate Your Manufacturing, Planning, and Fulfillment Processes with **Oracle Manufacturing Cloud**

Knowing what's happening—or what's not happening—is critical to your manufacturing organization and to your business. But in addition to visibility, you also need an integrated supply chain so you can communicate situations quickly and efficiently to other supply chain stakeholders, such as procurement and order management. And you need more information. Not just more data, but more insight into your processes and your systems so you can leverage the systems and analytics for visibility, agility, customer responsiveness, and the complex global accounting of today's business environment.

ORACLE®

If you're looking for more visibility in your manufacturing processes, you're in good company.

Respondents in a KPMG survey of manufacturing organizations provided these statistics:

» 36 percent suggested that their lack of supply chain visibility was a direct result of inadequate IT systems

» Only 12 percent said that they were "very effective" at determining product profitability

» 40 percent still lack visibility across their supply chain.

KPMG'S Global Manufacturing Outlook 2014

ORACLE MANUFACTURING CLOUD FOR DISCRETE MANUFACTURERS

» Defining production processes

» Creating and maintaining work orders

» Comprehensive, flexible work order costing to support the planning, costing, and analysis of manufacturing costs

» Advanced fulfillment features such as plan to produce, contract manufacturing, back-to-back shipments, and configure to order

The Manufacturing Challenges of Today

It's only getting more complex. The challenges manufacturers face are not new, but the evolving, modern business environment now includes cloud, mobile, big data, 3D printing, and an aging workforce. What once was enough to get the job done no longer provides the needed visibility or the required integration with the rest of the supply chain. The primary challenges facing modern manufacturing organizations are

• **Cost and profitability**. Too many resources with too much risk keeps manufacturing from being the efficient organization the business needs them to be. Cloud computing boasts an average improvement of 22 percent in profitability and an average reduction in costs (attributed to optimized manufacturing operations and planning processes) of 23 percent.

• **Visibility and agility**. Modern manufacturers require a more visual, easy-to-use interface so users can get the information they need, sooner. Complete visibility also encourages more insightful decision-making, as with real-time views that offer visibility into work orders with serialized-enabled manufacturing.

• **Collaboration and innovation**. Organizations can no longer afford to have manufacturing silos for processes and information. An end-to-end, integrated solution lets you collaborate, connect, and share solutions with others in the organization and across the supply chain, providing an interconnected, unified series of events that span the extended enterprise, your business partners, and your customers.

Oracle Manufacturing Cloud: Efficient, Productive Manufacturing

Oracle Manufacturing Cloud provides an easy way to define and manage master data, manage shop floor operations, provide visibility, and plan and track manufacturing costs. By presenting the production process visually, Oracle Manufacturing Cloud combines bills of material and routing into an integrated, tablet-friendly, graphical view that goes where you do:

- Manufacturing engineers can quickly define the necessary master data for their production assets and process standards, calendars, work center resources, and standard operations.
- Engineers can define plant hierarchy and process standards—including working calendars, work areas, work center resources, and standard operations—and use them repeatedly.
- Production supervisors use a control center to get a quick look at how work areas or work centers are running. One-click access lets them drill into the details and take action, print travelers, generate parts list, and view production history.

Manage production	» Quickly view status and take action
	» Create and manage work orders
	» Print production documents, such as travelers and parts lists
	» View history and collaborate with coworkers
Execute production	» Simplify shop floor execution
	» Enforce and manage serialized work orders with integrated bar coding capabilities
	» Report orderless completions to support Lean manufacturing
Review work order and operation performance	» Monitor work order and operations exceptions
	» Access all production tasks
	» Provide transaction history of material and resource usage
	» Offer detailed reporting and summarized view/status with plant-level insight

ORACLE MANUFACTURING CLOUD

At last. A comprehensive portfolio of modern cloud supply chain management (SCM) solutions that's easy to scale as your business grows and provides you with choices to meet evolving business, IT infrastructure, and development needs.

Oracle Manufacturing Cloud is part of an end-to-end, integrated solution that covers everything from defining the manufacturing process and setting standards, to creating work orders, monitoring shop-floor status, easily executing shop-floor transactions (while enforcing execution compliance), and planning and managing supply chain costs.

Committed to Delivering Value for Business

Providing employees with clear direction and relevant tools while also actively collaborating with partner and supplier communities can be a challenge for manufacturing—and for the business. With Oracle Manufacturing Cloud, companies report significant increases in innovation and, with the right processes in place, invigorated teams that are more effective. Disruptions are minimized, and productivity increases. Oracle Manufacturing Cloud provides:

- **Intuitive, easy to use design**. Visually design and manage production process with two-click execution. The intuitive, easy-to-use design helps you get visibility into those areas you need most. Its deep functionality is easy to use, easy to personalize, and easy to adapt so you don't have to customize for an innovative, consumer-grade user experience.
- **Integrated business flows**. Built-in best practices that create out-of-the-box work flows to get you up and running also enable you to make tweaks as necessary. End-to-end business flows for internal and contract manufacturing offer integrated planning. Changes to supply or demand are synchronized automatically.
- **Collaboration**. Integrated social solutions help resolve shop-floor issues as does the tablet-friendly design with embedded performance analysis and reporting for on-the-go solutions on the shop floor or in the office.

Visit **www.oracle.com/scm** to learn more about Oracle Manufacturing Cloud and Oracle's other supply chain cloud solutions.

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