

TOTAL MANUFACTURING MANAGEMENT

WebOps TMM

VALUE PROPOSITION

- Improved production throughput per unit time with integrated scheduling, maintenance and quality management
- Accurate WIP visibility and costing with real-time, ERP integrated manufacturing execution
- Reduced downtime of equipment with predictive and preventive maintenance
- Better Total Quality Management with integrated Statistical Process Control and root-cause analysis
- Enhanced collaboration between teams across manufacturing sites with multi-site plant visibility
- Improved Return on Assets with full asset life cycle management and cost of ownership visibility



Keeping track of all schedules and manufacturing activities is a big headache for manufacturing folks. Schedules have to be created and updated, work orders have to be started and tracked, while maintenance and quality management activities need to be synchronized with manufacturing tasks. It is a lot of paperwork moving between equipment and offices at a rapid pace.

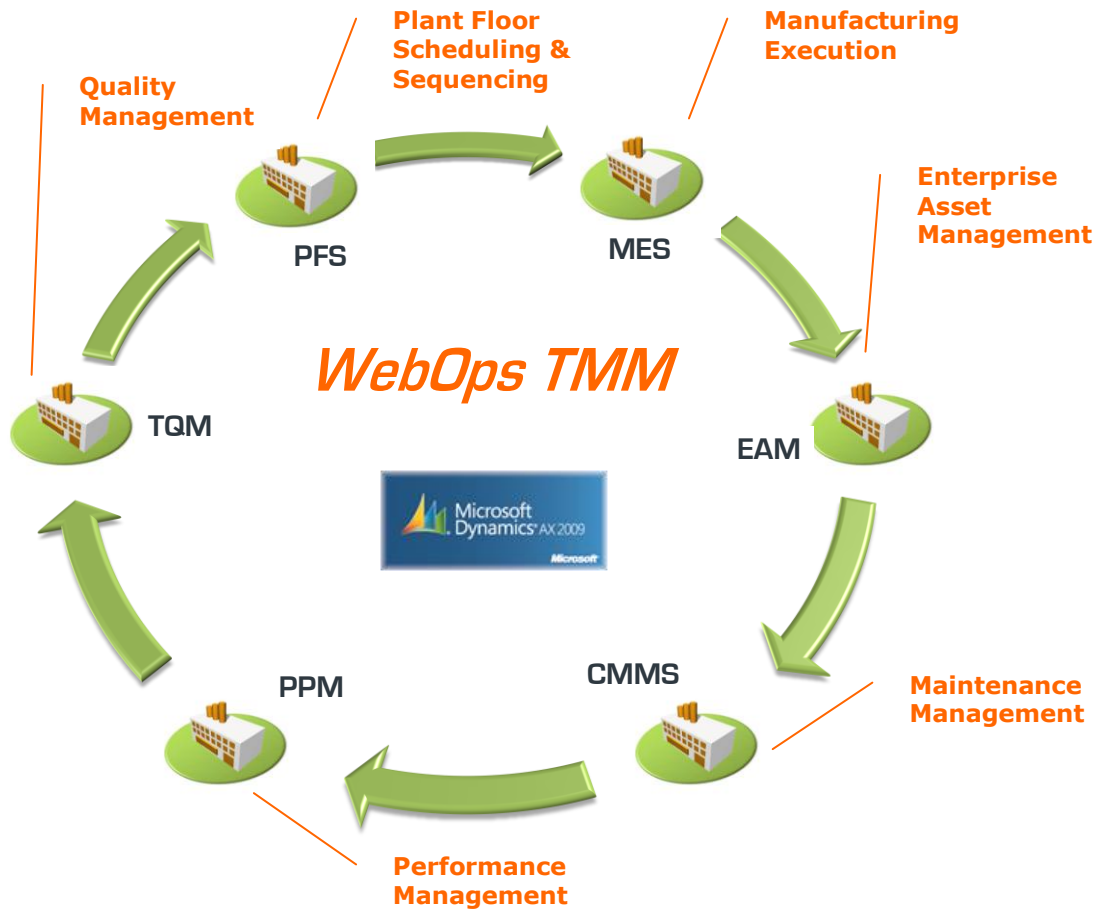
- What is the status of the customer order? What stage of manufacturing has it completed?
- When is the maintenance of that work center finishing, so I can reschedule some of my work orders?
- Is that manufacturing process in control or out of quality bounds?
- Is my manufacturing route accurately captured in my MES and my Cost Accounting system?

Addressing these questions is a big challenge for most manufacturers. Typically manufacturing, quality and maintenance tasks are all handled by different teams, using different methods and systems that make synchronization almost impossible.

- **Asset Lifecycle Management**
- **Multi-Site MES**
- **Real-time Operations Scheduling & Sequencing**
- **Maintenance Management**
- **Manufacturing Performance Management**

Olive-3's *WebOps TMM* delivers all manufacturing, maintenance and quality related planning, scheduling, tracking and reporting functionality in a single package, built around Microsoft Dynamics AX ERP platform. *WebOps TMM* give real-time visibility to manufacturing supervisors, maintenance crews and planners in a fully integrated environment, ensuring all manufacturing activities are coordinated and synchronized across multiple manufacturing sites. The integration of MES, CMMS, TQM, EAM and Scheduling elements, augmented with Olive-3's proprietary *Knowledge-Based Intelligence Agents* technology, delivers an end-to-end platform to:

- Analyze trends and mine manufacturing data
- Optimize scheduling and sequencing of maintenance and production activities across manufacturing sites
- Track and visualize WIP accurately in the supply chain
- Monitor Manufacturing Performance in real-time



OLIVE-3 TECHNOLOGIES
 5933 W. Century Blvd
 12th Floor
 Los Angeles, CA 90045

P: 310 - 606 - 2665
 F: 310 - 634 - 0485

Contact Us:
info@olive-3.com

Features of *WebOps TMM*

- Rule-based, constrained production and maintenance activity scheduling
- Operator, Supervisor and Equipment based dispatching lists and dashboards
- Global, multi-plant WIP tracking with real-time intelligent route determination
- Mass registration of operations and jobs
- Operator skill and qualifications management
- Production order splitting and merging
- Expediting of operations and production orders
- Graphical plant-floor status updates with real-time equipment visibility
- Flexible route management for rework and alternative recipes
- Manufacturing activity Statistical Process Control
- Failure Modes Effects and Criticality Analysis for determining predictive and preventive maintenance policies
- Maintenance activity management based on Reliability Centered Maintenance methodology
- Spare-parts management
- Equipment interfaces for automated data collection
- Terminal and handheld data collection device integration
- RFID enabled WIP and asset tracking
- Out-of-the-box integration into Microsoft Dynamics AX ERP
- Enterprise Portal integration through Microsoft SharePoint Services delivery