



MMS™

Warehouse and Production Logistics Management System



MMS™ ensures the right parts are in the right place at the right time by tracking parts and synchronizing their movement to real-time demands.

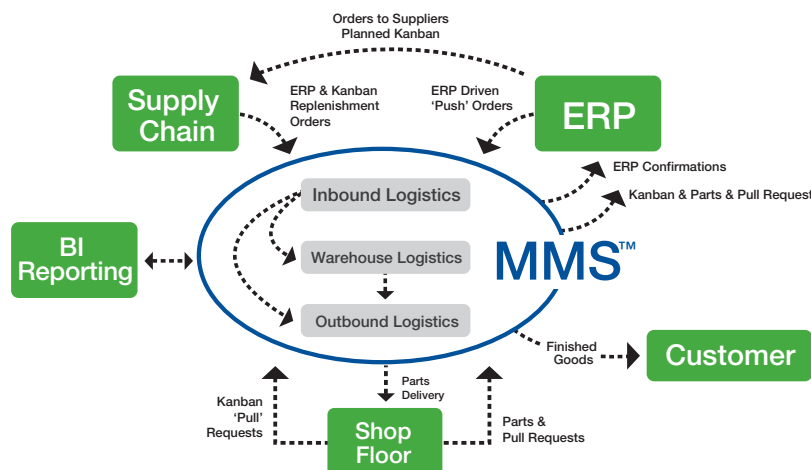
Parts management, tracking and synchronized material movement for dynamic response

MMS is a materials movement and management system that uses real-time ERP and Customer Order information to drive distribution and production logistics warehouse operations. MMS' unique value stems from three key concepts built into its design:

1. Dynamic responsiveness to real world changes.
2. Real-time visibility of materials to resolve issues quickly.
3. Unification of push and pull line-side replenishment methods for manufacturing support.

Foremost, MMS provides warehouse workers and operations manager's real-time visibility of materials to help them make the decisions that ensure ongoing parts availability for the fulfillment of internal and external demands. In addition, its built-in business process rules and parts traceability features help operators comply with customer or regulatory requirements to label and accurately trace materials throughout the delivery process.

Most importantly, MMS helps companies embracing lean initiatives to reduce waste and improve productivity and profitability while providing higher quality service and accuracy to their customers.



What MMS™ dynamic, integrated materials management means to your business:

- **Higher productivity and throughput.** Fewer parts shortages, less lost time locating parts and faster completion of orders.
- **Lower inventory costs.** Total visibility of parts status – in storage location, in transit, at line side. Reduced safety stock,
- **Responsiveness.** Real-time data available to respond to change-orders, demand fluctuations and supplier issues.
- **Reporting.** Real-time reporting for all levels of the organization.
- **Better corporate information.** Accurate integrated data for customer service, ERP, job-costing and regulatory compliance.

MMS Functional Areas

MMS' comprehensive capabilities integrate parts management and synchronize movement creating visibility throughout the warehouse operations cycle to satisfy internal and external demands:

- **Inbound logistics and receiving** tracks in-transit parts, tags them upon receipt, with flexible handling schemes to make parts available as soon as possible.
- **Materials movement and demand fulfillment** combines rule-based movement planning and demand-driven movement triggers to ensure parts get where they're needed to complete orders as quickly as possible.
- **Inventory and location management** displays real-time parts location to reduce time spent looking for parts. Also provides parts serialization and traceability, product genealogy, and accurate inventory levels for in-transit, raw materials, WIP and finished goods.
- **Automatic Cycle Counting** built into the daily work process reduces downtime for dedicated inventory counts.
- **Outbound logistics and shipping** uses intelligent picking and flexible handling schemes to make complete orders faster.

MMS is an indispensable tool to manage warehouses, extended supply chains and production material flow.

Inbound Logistics and Receiving

With faster receipts and part availability as its goal, MMS supports the following advanced capabilities:

- Advance shipment notices, with integration to ERP purchase orders to quickly match receipts.
- Partial receipts and alternatives.
- Expediting and cross-docking requests.
- Vendor, corporate or industry compliant labels.
- Handheld data collection and input devices for fast capture of parts attributes, which starts the parts audit trail.

Materials Movement and Demand Fulfillment

MMS provides a trail of visibility and traceability of parts movement to make production and demand fulfillment more streamlined, with support for the following:

- Flexible workflow: batch, single piece, or combination.
- ERP-driven work orders for production support and Sales order driven for customer support.
- Demand-driven movement triggers: Kanban-style expedite requests.
- Intelligent picking in batch or wave schemes.

Inventory and Location Management

MMS improves inventory accuracy and provides real-time location information to avoid costly delays, lost time and safety stock. MMS' inventory information can be used for:

- Cycle counts and shelf-life control.
- Generating automatic cycle counts when a location is picked to zero.
- Audited Physical Counts.
- Traceability (lot, serial, batch) and regulatory compliance reporting.

Outbound Logistics and Shipping

MMS' rule-based algorithms keep outbound fulfillment activities running smoothly, with the following capabilities:

- Picking consolidation and order matching.
- Industry compliant labeling.
- Proof-of-delivery and shipping confirmation notices.

System Architecture

MMS' flexible architecture provides these capabilities:

- Oracle Server compliant database for easy integration with ERP and other manufacturing operations management systems.
- Support for popular data collection devices and terminals.
- 24x7 mission critical operation with fault-tolerance, redundancy and guaranteed data delivery.

Epic Data Customers



Call or email Epic Data to discuss how an **MMS™** ensures the right parts are in the right place at the right time.

ABOUT EPIC DATA

Epic Data is a trusted provider of Manufacturing Operations and Warehouse Management Solutions to the world's most progressive discrete manufacturers. We focus on knowing what is important to our customers and delivering solutions that last, resulting in relationships that have spanned over three decades.

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