Enterprise Mobility in Manufacturing

Success in manufacturing depends on flawless execution across an ever leaner operation. Let enterprise mobility solutions be your key to that execution.

Manufacturers today are under constant pressure to cut costs without affecting quality, customer service or availability. Globalization, high levels of competition, and shorter product life cycles require managers to make decisions faster than ever before, with less information and higher penalty costs.

Enterprise mobility — automating the capture of critical information and moving it across your enterprise in real time — allows manufacturers to address these critical cost and productivity issues.
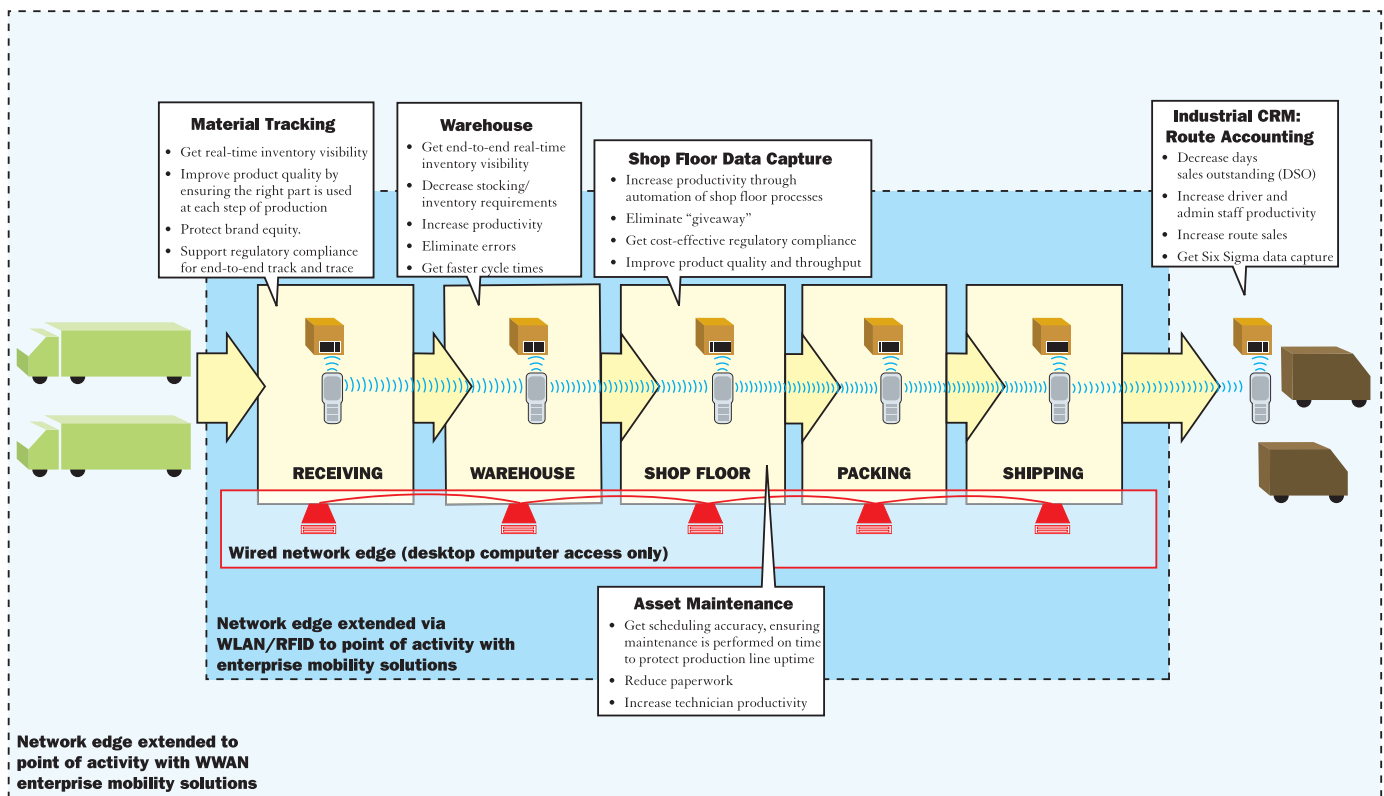
What is Enterprise Mobility

Enterprise mobility combines handheld devices, scanning, new technologies (such as RFID — Radio Frequency Identification) and critical business applications across a homogeneous, wireless infrastructure. The result is an integrated system that allows you to capture, move and manage information from the point of activity — in the warehouse, on the assembly line, on the loading dock, at a customer site — to the point(s) of greatest impact: inventory control managers, forklift operators, sales representatives, etc.

The Value of Enterprise Mobility

Enterprise mobility makes it possible to automate existing manual processes, dramatically boosting productivity. Time spent capturing information with pen and paper and keying that information at a later time into a computer — plus the associated errors — are entirely eliminated.

The Mobile Manufacturer

Material Tracking
- Get real-time inventory visibility
- Improve product quality by ensuring the right part is used at each step of production
- Protect brand equity.
- Support regulatory compliance for end-to-end track and trace

Warehouse
- Get end-to-end real-time inventory visibility
- Decrease stocking/ inventory requirements
- Increase productivity
- Eliminate errors
- Get faster cycle times

Shop Floor Data Capture
- Increase productivity through automation of shop floor processes
- Eliminate "giveaway"
- Get cost-effective regulatory compliance
- Improve product quality and throughput

Industrial CRM: Route Accounting
- Decrease days sales outstanding (DSO)
- Increase driver and admin staff productivity
- Increase route sales
- Get Six Sigma data capture

RECEIVING WAREHOUSE SHOP FLOOR PACKING SHIPPING

Wired network edge (desktop computer access only)

Network edge extended via WLAN/RFID to point of activity with enterprise mobility solutions

Asset Maintenance
- Get scheduling accuracy, ensuring maintenance is performed on time to protect production line uptime
- Reduce paperwork
- Increase technician productivity

Network edge extended to point of activity with WWAN enterprise mobility solutions

iDbM Inc
Internet Databases for Manufacturing

As data moves more quickly and accurately through your supply chain, the lag time between when data is collected and when you view it is eliminated, productivity is increased and assets are better utilized.

The real-time view of your entire business arms managers and executives with better data, which enables better strategic decision-making. Time spent on weekly or monthly data mining is eliminated and decisions are not made on 'old' data. And since the data is available on a mobile device, managers are able to react instantly when exceptions are noted.

Regulatory compliance: Enterprise mobility can play a dynamic role in meeting health and safety requirements by alerting you immediately to process deviations and also through track and trace applications that make it possible to quickly and easily locate any item/ingredient in the event of a recall.

Lean manufacturing: Enterprise mobility can be applied to address all of areas that drive waste — over-production, poor sequencing, inefficient plant layout, etc — helping companies increase their 'lean manufacturing' scores.

Profit From Our Experience

iDbM Inc. works with the full range of today's mobility technologies — scanning, wireless networks, RFID and more — and backs them with the implementation and support services that are only available from an experienced industry leader.

Our solutions accommodate changing business processes and customer requirements, and can be implemented in a fraction of the time required by other systems, so you realize your return on investment that much faster.

Profit from our experience. Call today and learn how we can integrate today's mobility technologies with your existing business processes and applications and create new ways to maximize your productivity, lower your materials costs and increase your levels of asset utilization.

Benefits Across your Organization

- In your warehouse, receipt of raw materials or other goods can be noted in your systems immediately, along with any error in shipment or damaged goods — enhancing your real-time view of inventory, ultimately enabling the reduction of inventory levels. Stock requirements can be reduced, effectively reducing your cash-to-cash cycle, and out-of-stocks can be eliminated as well as the associated loss of sales.

- On the shop floor, materials can be easily tracked as they move through the manufacturing process, ensuring traceability for regulatory compliance and potential recalls as well as quality control.

- Production line workers can be equipped with eKanban, enabling them to signal their requirements directly to the personnel or systems best able to fulfill them.

- Forklift operators can be directed in the most efficient path through the warehouse, speeding put-away and picking tasks and increasing overall warehouse productivity.

- Salespeople can check inventory and pricing, and place orders, while meeting with a customer, increasing sales and providing another real-time view into inventory.

- Providing equipment maintenance schedules on a mobile device, along with electronic access to maintenance records, manuals and other critical shop floor data ensures that preventative maintenance is performed properly and on time, minimizing down time and increasing workplace safety.

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