



## MAPCON®: CMMS System

*Free up your maintenance personnel to spend their time performing more valuable activities*

With ICM's MAPCON® CMMS, time spent manually handling the large amount of paperwork generated by maintenance activities is dramatically reduced. Our software automates routine tasks, and improves productivity.

- Integrated Project Management
- Easy-to-Use Report Generators
- Automatic Inventory Reordering
- Wireless/docked PDA portability
- PM Forecasting
- Failure Analysis
- Troubleshooting
- Calibration Tracking
- Bar Coding

# MAPCON



the **energy** of innovation™

## The most productive tool in your box

**Full-featured CMMS integrates inventory, asset management, purchasing, and PDA technology**

Addressing each of your facility's maintenance needs with one powerful software application, ICM's MAPCON® CMMS delivers a professional, comprehensive solution for maintenance management that will increase staff efficiency and productivity while reducing inventory costs.

ICM's MAPCON® CMMS is installed as a turnkey solution, and comes pre-populated with equipment information, users and user security, account numbers, vendors, spare part associations to equipment, preventative maintenance descriptions, and custom reports.

### Equipment Management

- Equipment records with hierarchical data
- Attached Bill of Materials available for work order planning with automatic updating
- Anytime cost reporting
- Equipment Calibration module and Failure Analysis module
- Troubleshooting database with pre-loaded situations and solutions
- Inspection checklist
- Automatic safety procedure insertion on work orders
- Tracks warranty information
- Automatic service contract notification at time of work order creation

### Preventative Maintenance

- Generate work orders for all PM procedures that are due or forecast
- Create and store standard PM procedures and attach to equipment, locations, and routes
- PM work orders can be automatically forwarded to outside service contract providers
- Forecast parts and labor for any specified date range

- Assign multiple crews/craftsmen and their estimated hours to each PM work order
- Reserve stocked material and create requisitions and P.O.s for materials and services ordered for the PM

### Maintenance Management

- Complete work-flow-enabled work order system
- "After-the-fact" work order entry
- Complete integration with purchasing, inventory control, and human resources
- Work requests start process quickly and reduce possibility of duplicate work
- Write work orders against equipment, locations, cost centers, or routes
- Blanket work order system accumulates costs of repetitive jobs
- Total estimates are kept for each work order, and actuals are updated when parts are issued, purchases are received, or labor is charged. Cost variance becomes part of work order history
- Sortable equipment history window shows all work orders completed against equipment
- Batch work order completion/cancellation utility saves time



## Increases Productivity

- Intranet & Internet Module Available: iMAPCON®
- Schedule & Dispatch Employees and Work Orders Automatically
- Cost Control & Cost Tracking
- Comprehensive Report Generator with over 400 Standard Reports
- Graphic User Interface & Color-Coded Screens Reduce Training Time
- Customize Screens, Data Entry Fields and Menus
- Attach PDF's, Microsoft Office

## Training Available

Documents, Images, Videos Files  
The software comes with an easy-to-understand, illustrated user manual with step-by-step instructions. In addition, we offer both basic and advanced user training, giving your operators the ability to take full advantage of the capabilities of this powerful software.

## Contact us for pricing!

Learn more about MAPCON®, or the other products and services ICM offers to meet your plant's needs!

Call our Customer Service department today.

**877.456.8588**



## Project Management

- Built-in project management system can be managed using PERT
- Critical path calculations identify work that must be completed to prevent project completion slippage
- Project estimation allows for estimation and budgeting before any work order planning occurs
- Estimated start and end date for each work order and project completion date automatically update when any work order is planned, scheduled, or completed

## Purchasing

- Integrated with work orders, service contracts, and inventory
- Formal system includes Request for Quote, Purchase Requisitions, Blanket Orders, Purchase Orders, Change Orders, After-the-Fact P.O.s, multi-level approvals, posting, printing, receiving, and invoice reconciliation
- Quick Purchase Order allows authorized user to bypass formal system for purchases under assigned dollar amounts
- Vendor database identifies primary and secondary vendors for each inventory item
- Purchase requisitions automatically generated whenever a work order part reservation decreases available quantity below reorder level

## Inventory Control

- Full-featured, real-time inventory system includes stock, non-stock, memo entry, tools, and consignment inventory types
- Costing methods available: Standard, Weighted Average, LIFO, or FIFO
- "Where used" listing specifies equipment for which each part is used
- Integration of inventory reservation with work orders and scheduling ensures that labor cannot be dispatched unless planned parts are available
- Issue tickets created automatically & on-demand
- Stock may be stored in multiple-aisle shelf bins and multiple stock rooms.
- Physical inventory reconciliation system
- Minimum, optimum, and maximum stocking levels; reorder quantity; vendor distribution unit conversions defined for each item

## Scheduling

- Schedulers are assigned to maintenance zones, each with its own schedule
- PM work orders can be automatically scheduled when they are generated, and work orders connected to project can be automatically scheduled when predecessor work orders are complete
- Automatically prioritize work orders
- Schedules, work orders and issue tickets, safety procedures, and drawings can be printed automatically
- On-screen Gantt charts, craft graphs, and prioritized work order lists make scheduling easy
- Scheduling allows for unexpected occurrences

## Cost Control

- Complete cost tracking system accrues monthly, year-to-date, and lifetime expenditures for equipment, locations, direct charges, material, labor, purchases, and service contracts
- Costs are accumulated to cost centers
- Period end closing ensures that costs are reflected in proper accounting period
- Automatic fiscal period crossover eliminates downtime associated with closing the books
- Direct charges to cost centers are allowed
- PM and safety procedures can be tied directly to cost centers

## Human Resources

- Complete personnel records include vacation and training schedules, overtime, skill levels, regular and premium pay rates, and more
- Comprehensive timecard system allows charges to work orders or administrative codes
- Costs can be assigned to work orders using either craft rates or employees' actual pay rates
- Special code setup for hazard pay and shift differential pay
- System allows data entry
- Built-in audit trail for accountability and auditability when exported to external payroll system
- Track user time off to prevent overbooking while scheduling work orders

## Add even more functionality with our MAPCON® enhancement options

- Accounting interface between maintenance financial transactions and company general ledger accounting system
- Wireless/batch PDA and bar code tracking software, hardware, and supplies
- MAPCON® user training
- Annual support contract

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