



CMS RoadRunner

By CMS Montera Inc.



Manufacturing Module.

Powered by



Primary Functions within CMS RoadRunner

Plan

- Finite Capacity Constraint Schedule
 - Order Release Schedule
 - Capacity Plan
- Demand / Supply Alignment

Execute

- Shop Floor Visibility
- Buffer Management
- Order Prioritization
- Production Reporting
- Inventory Replenishment

Improve

- Dynamic Stock Buffer Management
- Buffer Management
- Buffer Performance Analysis
- Operations Scorecard

CMS RoadRunner is an ERP Accessory - it is designed to enhance your existing ERP or legacy system investment as a “bolt-on”.



CMS RoadRunner's Manufacturing Software module maximizes production capacity. **CMS RoadRunner** enables rapid profit growth strategies by ensuring your business produces more, faster - by effective:

- Production **Planning**
- Shop Floor **Execution**
- Continuous **Improvement**



CMS RoadRunner was designed by Theory of Constraints (TOC) and Lean Manufacturing experts with many years of plant management experience.

CMS RoadRunner ensures your plant maximizes throughput dollars while minimizing operating costs.

CMS RoadRunner integrates three primary operations management functions - plan, execute and improve, for both make-to-order and make-to-stock environments. (see left-side panel)



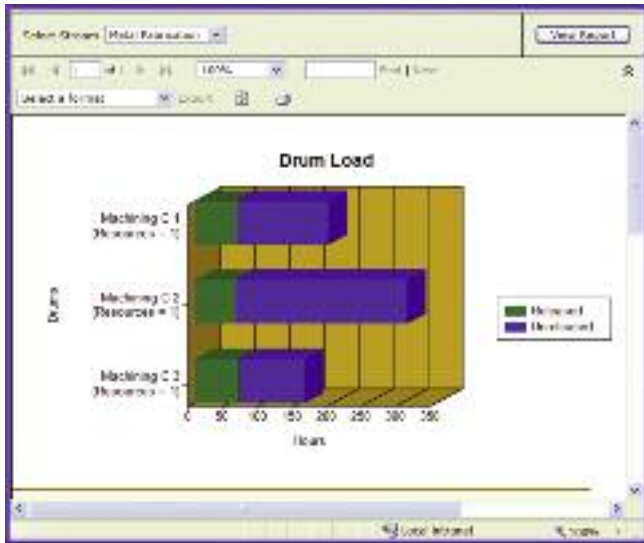
Maximizing production capacity requires following the five focusing steps of on-going improvement:

1. Identify the system constraint
2. Exploit the constraint
3. Subordinate everything else to the constraint
4. Elevate
5. Stabilize the system

Below are some examples of how CMS RoadRunner helps you continuously improve your plant performance - to achieve more, faster.



Plan - Planned Load



Enables due date order prediction for the released and unreleased orders.



Execute - Constraint Schedule

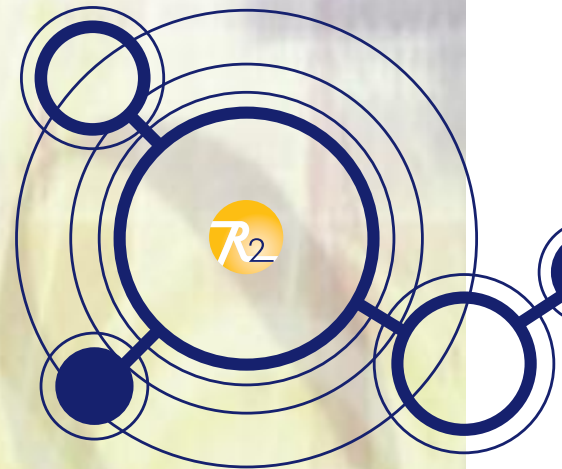


Shows the constraint schedule, order status, and location of late orders through the plant ensuring on-time performance.

FUNCTIONALITY HIGHLIGHTS:

- Drag and drop scheduling
- Flow Profile on every screen provides real-time visibility of plant, department, and work order status
- Simple, clear order prioritization
- Buffer Management
- Dynamic resizing of buffers
- Easy to see the impact of both Planning and Execution decisions

CMS RoadRunner Scorecard



TECHNICAL HIGHLIGHTS

- Client Software
 - Built to leverage Microsoft .NET Framework
 - Runs on Windows XP and Vista
- CMS RoadRunner engine runs on Windows Server 2003 with SQL Server



- Buffer Management



Shows the Pareto Diagram of prioritized order flow interruptions.

CMS RoadRunner will increase your net profit by:

- Exposing hidden capacity so you can produce and deliver significantly more with existing resources
- Managing inventory replenishment in order to reduce lost sales and minimize excess inventory
- Resizing inventory targets dynamically so you can maximize your ROI
- Decreasing lead time so you can respond more quickly to changes in customer demand
- Monitoring performance and driving continuous improvement so you can increase customer satisfaction

In summary...
CMS RoadRunner
 improves reliability
 and responsiveness so you
 can increase competitiveness
 and market share.

CMS rapidly increases profit for manufacturers and distributors by using Theory of Constraints.

Rapid profit growth is created by increasing:

- ***Reliable output from existing resources***
- ***Product availability at each link in the supply chain***
- ***Sales based on "un-refusable" market offers***



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