



Numeric Computer System's (NCS) Manufacturing and Inventory Software allows the effective management of raw materials, production and inventory for single or multiple plants and distribution centers. It drives capacity planning, production scheduling, cost component tracking and back flushing while enabling standard costing and reporting that are critical to managing today's production environment. Manufacturing and Inventory are part of the eRMS ERP suite of NCS software products, which also includes Financials and Order to Cash.

## Planning

### Capacity Planning

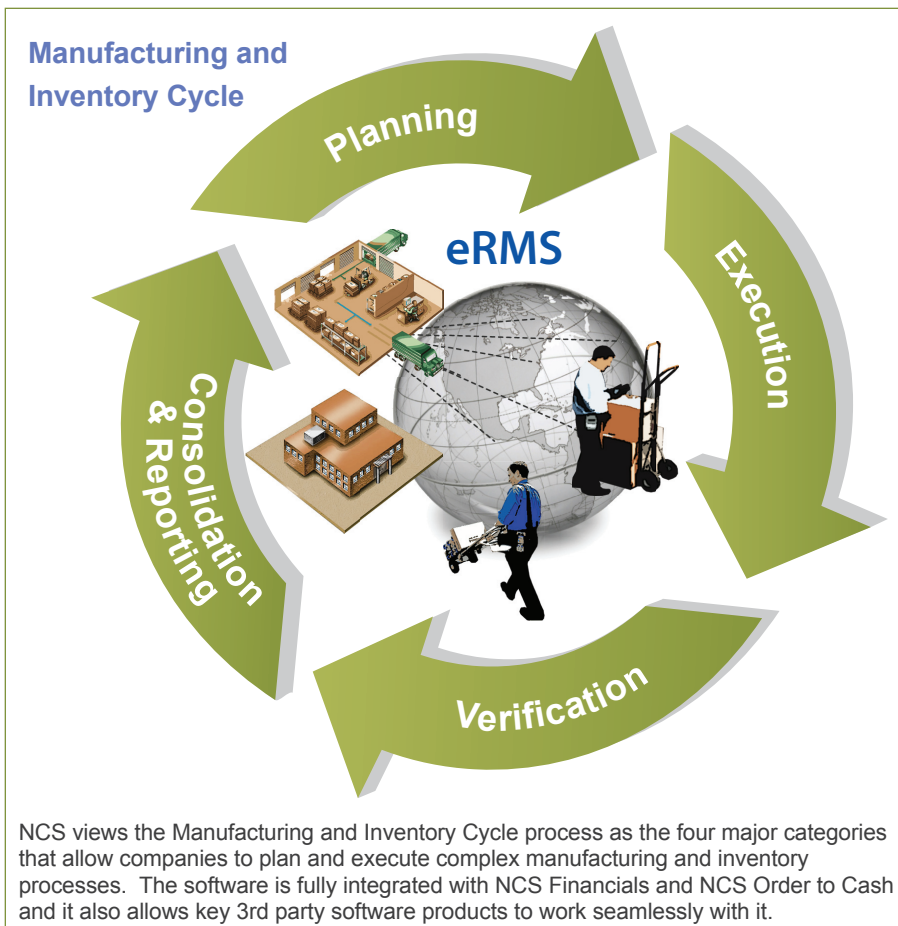
eRMS capacity planning helps align fulfillment capacity with customer demand to maximize resource utilization and ensure order fulfillment.

- Accommodates varying rates of production based on unique product characteristics
- Creates standard rates for individual products
- Alerts and flags production plans that exceed preset capacity and redirects to overflow work center
- Sequences items to streamline production, avoid downtime, and minimize changeovers

### Demand Requirements Planning (DRP)

eRMS helps streamline operations across the supply chain with baseline forecasts and detailed analysis that improves the use of workforce and machinery. With the system you can:

- Automate transfers between multiple distribution centers or warehouses
- Pass demand from one warehouse to another based on item availability and lead time
- Designate which items will be sourced from which supply location
- View remote warehouse demand as aggregate customer orders or a single load day or weeks out using lead times
- Automatically create the sale and receipt of transferred goods



## Execution

### Standard Product Formulation and Costing

eRMS Costing utilizes standard techniques based on primary units of measure to:

- Assign unit costs to items to establish building blocks for standard costing
- Enables reciprocal conversion of raw material unit of measure to ordering unit of measure
- Allows for intermediate items or Work-in-Process (WIP) Items
- Allows you to add overhead, labor and other non-material costs within the standard product formulation
- Calculates standard cost of Finished Good items and WIP items from Raw Material and non-material costs

### Production Scheduling

eRMS Production Scheduling uses forward scheduling to help minimize production time and costs, maximize operational efficiency, and optimize workloads in various work centers of production. This method outperforms manual scheduling by allowing the:

- Configuration of a master production schedule
- Protection against systemic order variations by utilizing pre-set 'safety' stock
- Generation of detailed reports showing the beginning and ending inventory based on orders or loads and scheduled receipts
- Suggestion of daily inventory based on historic warehouse demand
- Input of variations in inventory based on known changes in demand
- Accurate back flushing of raw materials consumed

### Shop Floor Control and Execution

eRMS provides the tools needed to match your workforce and machinery at each work center to detailed schedules and workflows. The system lets you:

- Generate warehouse pick lists to help determine the correct quantity of raw materials needed to complete production on shop orders.
- Create alerts when ending inventory is below preset safety stock or reorder points
- View shop orders in several formats: using beginning inventory or displaying components used for finished goods or by lot number and start and stop time

## Verification

### Raw Materials Management

eRMS utilizes a Raw Materials Inventory System that tracks their usage and integrates these materials with job costing, production scheduling, and shop floor controls through automated procurement and planning functions. The system allows you to:

- Create raw material and intermediate items to maintain and control overhead, labor and material costs
- Create and maintain an item master file for easy inclusion in multiple distribution centers or warehouses
- Assign items a receiving unit of measure and the appropriate conversion factor
- Only add raw materials as components in a standard formula

### Finished Goods Management

eRMS Finished Goods Management tracks finished product from the production line through the warehouse.

- Integrates to production, costing, back-flushing and DRP
- Supports inbound processing of: purchase orders, transfer orders, production receipts, blind receipts, lot numbers by receipt and license plate number
- Tracks lot numbers by receipts, expiration/last ship date and shelf life
- Supports disposition codes for returns and handles unexpected returns
- Provides multiple physical count and cycle counting options
  - Lot count by load or by day
  - Kitting
  - LIFO or FIFO picking
- Perpetual inventory
- Offers detailed inventory reporting
  - Realtime
  - Daily
  - Weekly
  - Month to date
  - Monthly of period

## Consolidation & Reporting

### Reporting

eRMS has extensive reporting capability, including preconfigured reports for:

- Daily and Monthly Finished Goods and Raw Material Inventory
- Daily Load
- Formula Cost Calculations
- Inter-company Inventory Transfer
- Item Cost Listing
- Physical Count
- Production Requirements
- Purchase Order Receiving
- Shop Floor Orders
- Stock Reorder
- Trend Analysis

*"eRMS has allowed us to plan production across our enterprise and more effectively take control of our inventory."*

George Wood, CFO, VP/CFO, United Dairy

US, NY  
World Headquarters  
275 Oser Ave.  
Hauppauge, NY 11788  
Tel: 631.486.9000  
Fax: 631.486.9023

Australia, Sydney  
Level 3, Binary Centre  
3 Richardson Place  
North Ryde NSW 2113  
Tel: +61.2.9888.9935  
Fax: +61.2.9888.9838

New Zealand, Auckland  
Level 1 Fountain Lane South  
Botany Town Center  
588 Chapel Road, Botany  
Tel: +64.9.274.5325

Puerto Rico, San Juan  
Plaza Chalets de Caparra  
45 Eight St. Suite 12  
Guaynabo, PR 00966-1766  
Tel: 787.708.1125  
Fax: 787.708.0820

US, Dallas, TX  
Tel: 214.734.9632  
US, San Francisco, CA  
Tel: 510.565.8181

Indonesia, Jakarta  
Wisma Dharmala Sakti, 7th Floor  
Jalan Jendral Sudirman Kav.32  
Tel: +62.21.5790.0655  
Fax: +62.21.5703.472

Copyright © 2011 Numeric Computer Systems, Inc. All other trademarks are the property of their respective owners.  
Printed in the U.S.A.

[www.ncssuite.com](http://www.ncssuite.com)

This material contains proprietary information of NCS. No part of this brochure may be reproduced for any purpose without the express written permission of NCS. Portions of the information contained herein may relate to products or services that are under development or planned for development by NCS and may therefore be subject to change. While efforts have been made to confirm the accuracy of the information contained therein, such information is supplied without representation or warranty of any kind whatsoever.