

SUPPLY CHAIN MANAGEMENT SOLUTIONS

E-STORE

E-STORE ADVANTAGES

PURCHASING

- Reduces Paper Waste
- Improves Order Accuracy
- Reduces Time Spent Expediting
- Simplifies Routine Transactions
- Increases Productivity
- Supports JIT Procurement

ENGINEERING / ESTIMATING

- Speeds Quote Response
- Simplifies Engineering & Environmental Research

MATERIALS

- Reduces Inventory
- Increases Inventory Turns
- Improves Cycle Time

MANUFACTURING

- Reduces Acquisition Cost
- Improves Manufacturing Flexibility
- Increases Inventory Velocity

QUALITY

- Improves Order & Receipt Process
- Lowers Cost of Quality

FINANCE

- Reduces Transaction Cost
- Reduces Total Cost of Inventory

THE **HEILIND E-STORE** IS A FULL SERVICE, E-COMMERCE WEB PORTAL, DELIVERING REAL-TIME, BUSINESS-CRITICAL INFORMATION TO CUSTOMER DESKTOPS.

Heilind's eStore is fast, simple and intuitive. Users can place orders, check orders, track shipments, lookup an invoice and track history. Price & availability, engineering, environmental and manufacturing origin data are all a simple mouse click away. Heilind's eStore also includes a unique and powerful set of supply chain tools including a BOM, Excel-upload quoting tool, historical demand vs. plan analysis, bonded inventory review and VMI program management tools.

Heilind E-STORE benefits:

- Streamlined, more responsive materials planning process
- Simplified access to engineering, environmental and customs data
- Improved administrative and transactional quality
- Increased productivity
- Improved manufacturing responsiveness and inventory performance
- Increased process velocity

MRP SCHEDULE SHARING

MRP SCHEDULE SHARING ADVANTAGES

PURCHASING

Reduces Suppliers
Reduces Change Orders
Improves Order Accuracy
Increases Productivity

MATERIALS

Increases Inventory Turns
Reduces Cycle Times
Reduces Acquisition Costs
Supports JIT Procurement

MANUFACTURING

Reduces Stock-Outs
Increases Inventory Velocity
Reduces Manufacturing Lead Times

QUALITY

Improves Order and Receipt Process
Lowers "Cost of Quality"

FINANCE

Reduces Transaction Cost
Reduces Total Cost of Inventory

MRP SCHEDULE SHARING SIMPLIFIES THE SUPPLY CHAIN, ELIMINATING STEPS THAT DON'T ADD VALUE TO EITHER A MANUFACTURING PROCESS OR AN END PRODUCT.

Sharing MRP electronically with Heilind - via EDI, FTP or email attachments - allows Heilind to base ITS inventory plan on YOUR inventory plan, effectively transferring responsibility for day-to-day MRP review and inventory management to Heilind. More than a simple technique or program, schedule sharing describes a philosophy of doing business based on an open customer / supplier partnership. Schedule sharing promotes close communication, enhanced working relationships and high service quality.

Schedule sharing benefits:

- Reduced operational overhead - paperwork, safety stock and administrative processes
- Improved inventory performance and responsiveness
- Reduced stock-outs

ELECTRONIC FILE SHARING

ELECTRONIC FILE SHARING ADVANTAGES

PURCHASING

Reduces Paper Waste
Improves Order Accuracy
Reduces Administrative Cost

MATERIALS

Supports JIT Procurement
Reduces Inventory Pipeline
Reduces Cycle Time
Increases Inventory Turns

MANUFACTURING

Increases Inventory Velocity
Improves Manufacturing Flexibility
Reduces Stock-Outs

QUALITY

Improves Order and Receipt Process
Reduces Keying Errors
Lowers "Cost of Quality"

FINANCE

Reduces Transaction Cost
Reduces Time of Matching Invoice with Packing Slip
Reduces Time of Matching Invoice with Packing Slip

ELECTRONIC FILE SHARING DESCRIBES THE COMPUTER-TO-COMPUTER EXCHANGE OF INTER-COMPANY BUSINESS DOCUMENTS.

Instead of relying on telephone, fax or mail to exchange POs, MRP, RFQs and invoices, trading partners exchange data electronically in a standard, agreed-to format that can be easily automated: ANSI X.12 based EDI (Electronic Data Interchange), emailed electronic Files, FTP exchange.

Transactions Supported by Heilind Electronics

810 Invoice	860 P.O. Change Request
830 Forecast w/Embedded Release	861 Receiving Advice/Acceptance
840 Request for Quote	862 Shipping Schedule
846 Inventory Status Reporting	856 Advanced Ship Notice (ASN)
850 Purchase Order	865 P.O. Change Acknowledgement
855 Order Acknowledgement	997 Functional Acknowledgement

Electronic file sharing benefits:

- Improved administrative and transactional quality
- Increased productivity
- Improved manufacturing responsiveness and inventory performance
- Increased process velocity

IMRS ADVANTAGES

PURCHASING

Reduces Paper Waste
Improves Order Accuracy

MATERIALS

Supports JIT Procurement
Reduces Inventory
Reduces Cycle Time

MANUFACTURING

Reduces Acquisition Cost
Increases Inventory Velocity
Improves Manufacturing Flexibility

QUALITY

Improves Order and Receipt Process
Reduces Keying Errors
Lowers "Cost of Quality"

FINANCE

Reduces Transaction Cost
Increases Inventory Turns
Reduces Time of Matching Invoice with Packing Slip

INVENTORY MANAGEMENT REPLENISHMENT SYSTEMS OFFERS A SIMPLE, EFFECTIVE AND FAST WAY TO IMPLEMENT A DYNAMIC, JIT REPLENISHMENT SYSTEM, DELIVERING JUST WHAT YOU NEED, JUST WHEN YOU NEED IT.

IMRS (Inventory Management Replenishment Systems) is a bar code based, auto-replenishment system utilizing a handheld scanner and modem to transmit inventory requirements directly from your production floor to Heilind's warehouse. Replenishment orders are processed and shipped by Heilind within minutes of electronic receipt from the IMRS system. The system includes automatic order confirmation via fax, email or EDI, consolidated billing and a full menu of system audits, cycle counts and transactional reports.

IMRS is ideal for any OEM or contract manufacturer utilizing "pull", short-cycle or continuous flow manufacturing systems. IMRS functionality and reporting is completely customizable to accommodate each Customer's unique needs, processing and goals.

IMRS benefits:

- Reduced production cycle times
- Increased inventory turns
- Reduced stock-outs
- Increased cash flow

KITTING

KITTING ADVANTAGES

PURCHASING

Reduces Suppliers
Streamlines Procurement

MATERIALS

Reduces SKU's and Inventory
Reduces Cycle Times
Reduces Acquisition Cost

MANUFACTURING

Speeds-up Manufacturing Cycle
Minimizes Floor Space
Reduces Component Alterations

QUALITY

Reduces Inspection Cost
Reduces Keying Errors
Lowers "Cost of Quality"

FINANCE

Reduces Billing Invoices
Increases Cash Flow
Reduces Transaction Cost

A KITTING PROGRAM CONSOLIDATES THE TIME, EXPENSE AND PERSONNEL REQUIRED TO MANAGE HUNDREDS OF PARTS, DOZENS OF PURCHASE ORDERS AND MULTIPLE SUPPLIERS.

Heilind's ISO 9001-2000 certified value-added center assembles fully-packed kits for delivery to your facility/manufacturing cells, reducing administrative expense, inventory carrying costs, and material costs due to stock-outs and obsolescence.

We work closely with your engineers and supply-chain managers to develop all bills of materials and process specifications / statements of work. Heilind then handles all component modification, packaging, inspection, labeling and warehousing. We hold completed kits on our shelf, releasing to your production floor as required. Kits can be either pushed to the floor in response to the MRP plan or pulled to the floor as part of a JIT/kan-ban program.

Kitting benefits:

- Reduced material handling
- Reduced stock-outs
- Reduced inventory levels
- Improved inventory performance and response to manufacturing