MANUFACTURING & LOGISTICS

‘product identification & traceability solutions for warehousing, manufacturing & logistics’

Traceability • Inventory Accuracy • Process Efficiency • Automated Data Capture
Label&Track® is a production labeling and tracking solution developed specifically for manufacturing and logistic applications and environments. It is essential to any business where enterprise wide product traceability, business process efficiencies, inventory accuracy, product identification, barcode scanning and RFID are key business requirements.

Label&Track® enables clients to further leverage their existing investment in ERP/MRP or Host systems. The Label&Track® barcode/RFID driven traceability and warehouse solution encompasses both hardware and software allowing customers to:

- Download product and production order information directly from their ERP/MRP or Host systems
- Label case, carton and pallets automatically as goods are packaged and palletized
- Manage handling and improve efficiencies as case, carton and pallets move along the production line and through the warehouse
- Upload all activity data to the ERP system; receiving, put-away, pick, pack, ship, WIP, location and inventory management, etc.

Label&Track® is designed as an transactional level solution. It has the robust features and modules to support mission critical 24x7 operations, regardless of the availability of the HOST system. Built utilizing the latest in Microsoft® platform technology.

‘module are developed specifically for manufacturing & logistics environments…’

FEATURES

- Unit to pallet identification and management
- Lot number traceability
- Location management
- Warehouse rotation
- ERP systems integration
- All transactions driven by scan of barcode
- Complete product traceability
- Increased inventory accuracy
- Improved business process efficiencies
- Automated Data Capture
- Customizable for your business needs

MANUFACTURING

With Label&Track®, manufacturing companies can print EAN128 compliant Trade and Logistic Unit (carton, case & pallet) barcode labels in real time and apply them manually or automatically anywhere in the process of material handling; receiving, put-away, pick, pack, WIP, staging and shipping.

Using the Label&Track® Manufacturing Module, production activities are captured automatically. The system has a flexible design and can also be configured to operate from the floor in a dynamic manufacturing environment.

Key features include the ability to:

- Download production order and product information
- Create and manage print runs
- Print and apply labels (both manually and automatically)
- Capture production data through scanning individual unit or pallet labels
- Automatically close out work orders to create inventory or shipments

LOGISTICS

Traditional warehouse management systems have often proven too complex, costly and difficult to implement for the business benefits derived. The Label&Track® Logistics Module however, concentrates on the key areas most likely to yield maximum business benefits such as:

- Driving the business process by scanning uniquely identified cartons and pallets from an RF terminal for real time activity and data collection
- Tracking inventory locations in the warehouse at the pallet/carton level
- Ensuring proper rotation of inventory on a FIFO basis if required
- Full product traceability according to key parameters such as sales order number, pallet/carton id, SKU, Lot/batch number, expiration date and others

For further information please contact us at 1-888-871-8741 or satosales@satoamerica.com
**MANUFACTURING MODULE**

**Individual Unit Labeling**
- Each unit labeled to compliance or required standards
- Unique lot numbering from work order - to finished goods - to shipment
- On-demand or system generated label generation as required
- Integrate with production line equipment such as scales, piece count machinery, ASRS, Sortation, etc.
- Ability to capture and print the individual weight of each unit if required
- Variable label generation for multiple customer or market needs
- Print labeling required in any language

**Pallet Labeling**
- Compliance pallet and case carton labeling to SSCC standards
- Print on-demand or automatically print and apply as required
- Label split pallets or purchased products
- Generate label reprints

**Production Data Capture**
- Capture scans of each unit and/or pallet as the label is applied
- Monitor production and send activity updates in real time
- Scan failure alert options including terminal messages, stack light/annunciators, audible alarms

**LOGISTICS MODULE**

**Pallet Management**
- Track pallets from production through the warehouse to ship staging locations
- Track pallet movements to multiple warehouses or different locations
- Pull & pick against an individual sales order
- All transactions driven from barcode scanning and in real time
- Pick, pack & ship activities in real time using handheld devices

**MANUFACTURING**

**Track and Trace**
- Effectively track and trace products both internally and externally
- Know what product is on any particular pallet
- Effectively manage product history from manufacturing to the customer

**Product Efficiency**
- Maintains an accurate accounting of manufactured goods processes
- Helps drive greater manufacturing control for JIT (just in time) materials management as opposed to JIC (just in case) increased costs
- Immediate and accurate capture of production to drive accurate component inventory

**International Standards**
- Label products to all domestic and international standards benefiting compliance

**LOGISTICS**

**Delivery Performance**
- Ensures the goods are picked as defined in the sales order
- Ensures goods picked are the most suitable against lot number or expiration date requirements

**Inventory Management**
- Controls the transfer of product between locations or between warehouses – either adhoc or system directed
- Provides Material Receiving and Put Away direction
- Capture damages, product reclassification, re-label and other adjustments as required
- Provides reconciliation details of stock pull and cycle count activities
- All transactions driven from barcode scanning on a handheld device in real time

**BUSINESS BENEFITS**

**MANUFACTURING**

**Traceability**
- Ensures freight carrier transport reducing charge backs

**Inventory Management**
- Assures the highest possible accounting of warehouse inventory assets
- Allows for the implementation of location management warehousing
- Drives component and product inventory management for JIT and fiscal optimization
- Drives stock rotation and FIFO rules that benefit stock dates

**Warehouse Productivity**
- Eliminates costly and inaccurate manual warehouse processes as all transactions are driven by a simple scan at the point the task
- Dramatically reduces material handlers time on task to pull, put away, pick or pack
- Virtually eliminates incorrect product pulls
- Increases productivity of material handlers and other warehouse staff reducing labor and man hours associated with other warehouse systems

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