

Lot Traceability

SOLUTION FACTSHEET



SYSPRO Lot (or batch) Traceability is designed for manufacturers that require full control over product traceability to ensure compliance.

Within the electronics, automotive parts and accessories, consumer packaged goods, medical devices, plastics and rubber, food and beverage and numerous other industries, it has become increasingly important to be able to locate specific lots of finished goods speedily when a defective part or ingredient has been identified and the lot needs to be quarantined or recalled. Unfortunately these situations can present themselves at any point within the supply chain, and the supplier must be able to respond at any time.

Within SYSPRO, users can track materials from receipt right through to delivery of the product to the customer, as well as at any level in between.

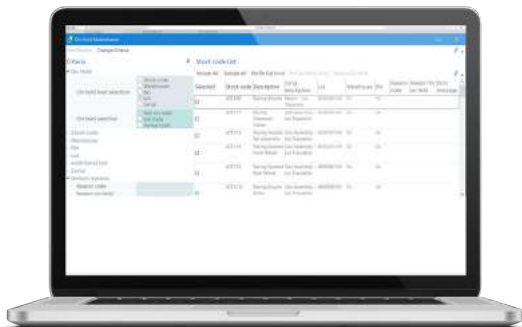
Users can select which materials require lot traceability, and where information needs to be recorded throughout the manufacturing and dispatch process. This will give the required traceability.

Lot Traceability Capabilities

- Automatically or manually assign lot numbers as goods are received
- Ability to use alpha or numeric properties to traceable parts
- Supports both forward traceability from raw materials to customer shipments, and backward traceability from customer shipments to raw material/ingredient receipt from suppliers
- Default lot number to work order number for ease of receipt
- Tracks all rejects and scrap
- Reserves lot numbers for products being manufactured
- Reserves component lots for issue to specific jobs
- Stores detailed notes on all inspections
- Query by item use (which customer, invoice, job) or by item supplied (which supplier, purchase order, stock item)
- Trace serialized and non-serialized(?) inventory items
- Trace stock movement at bin level for serialized stock codes
- Record up to five user defined dates, such as Manufactured Date, Deliver Before Date, Best Before Date, Use By Date, etc. against each lot traceable item
- Place any warehouse, stock code, bin, lot or serial on hold during a Product Recall.

The Benefits of Lot Traceability

- Tracks the part from receipt of raw materials, into production, through to warehousing and product delivery, by including all inventory transaction records and associated lot/serial information
- Allows for a unique range of recorded dates that can be attached to any product to improve Product Lifecycle Management (PLM)
- Track and quarantine stock which is spoiled, expired or of inferior quality
- Assist to speedily retrieve sub-standard goods from customers
- Track which lot-controlled components were used to produce specific finished products in the manufacturing process
- History of traceable-item transactions for interrogation and customer service follow-up
- Manual or automatic lot numbering by single products or batch
- Auto-depletion of lots in issue and sale transactions
- Tracking of lots from component to parent
- Shelf life and expiry date tracking
- Expiry dates can be included in materials requirements planning (MRP) calculations
- Full or sample inspection of lots during material receipts
- Linking of documentation to lots especially relevant certifications, specifications, and quality records
- Bi-directional lot queries and reporting
- Reject control and documentation
- Archiving of lot information.



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Integration with SYSPRO

- Inventory
- Purchase Orders
- Sales Orders
- Work in Progress
- Returned Merchandise Authorization
- Product Recall
- MRP

Audit Trails

- Audit trails by user
- Audit trails of any changes by date and time of any input related to the lot
- Audit trail information further adjustments within the system
- Changes to the BOM (there can be multiple BOMs to allow for different raw materials, units of measure, potency, etc.)
- Routing to ensure the correct machines were used
- By shift, especially to look for patterns
- Throughout the whole manufacturing process.

Reporting

- Summary reports
- Extensive set of reports available
- Report detailing current costs
- Reports detailing archived costs
- Any customized reports to highlight specific detailed information can be developed.