



# Lot Traceability

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SYSPRO Lot Traceability is designed for manufacturers that require control over product tracking to achieve compliance and also to maintain quality and reputations. Within industries, such as aerospace, automotive, consumer packaged goods, medical device, pharmaceutical, food and beverage and numerous others, it has become increasingly important to be able to locate specific lots of finished goods to speed recalls when a defect or hazard of a particular part or ingredient has been identified. These situations can present themselves at any point within the supply chain.

Within SYSPRO, users can track materials from vendor receipt through delivery of the product to the customer, as well as all levels in between. Users can identify which materials require lot tracking and the stages of production where information needs to be recorded throughout the manufacturing process.

### The Benefits of Lot Traceability

- Tracks the part from receipt of materials, into production and through to product delivery and inventory transaction records lot/serial information
- Track which lot controlled items were used to produce specific finished products in manufacturing process
- History of traceable-item transactions for accountability and customer service follow-up
- Manual or automatic lot numbering by single products or batch
- Optional auto-depletion of lots in issue and sale transactions
- Optional tracking of lots from component to parent
- Shelf life and expiry date tracking
- Expiry dates included in materials requirements planning calculations
- Optional full or sample inspection of lots during purchase order and work order receipts
- Association of documentation to lots with applicable certifications, specifications, and quality records
- Bi-directional lot queries and reporting
- Reject control and documentation
- Archiving of lot information

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### Lot Traceability Features

- Automatically or manually assign lot numbers as goods are received
- Assign alpha or numeric properties to traceable parts
- Supports both forward traceability from raw materials to customer shipments, and backward traceability from customer shipments, to manufactured lots, and finally to raw material/ingredient receipt from suppliers
- Default lot number to work order number for ease of receipt
- Document all rejects and scrap
- Reserve lot numbers for products being manufactured
- Reserve component lots for issue to specific jobs
- Keep detailed notes on 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



### Integration with SYSPRO

- Inventory
- Purchase Orders
- Sales Orders
- Work in Progress
- Returned Merchandise Authorization



### Audit Trails and Reporting

- Extensive reporting in detail or summary
- Report on current and/or archived costs
- Audit trails by user, by date and time of input and or adjustment available within the system