



Lot Traceability

Fact Sheet

SYSPRO Lot Traceability enables you to maximize quality control through the tracking and replacement of any defective materials. It caters for the tracking of materials through their receipt, manufacture, assembly, inspection, stocking and final distribution, while maintaining quality assurance certification and tracking expiration dates. It also facilitates efficient and effective recalls.

The Lot Traceability system is designed to provide full traceability at transactional level for items that could cause loss of life or limb if quality standards are not adhered to.

Companies in highly-regulated industries for safety or health compliance (e.g. electronics, aeronautics, defense, food, pharmaceutical, medical devices and motor vehicles) would typically benefit from the Lot Traceability system. Integration with SYSPRO's other modules permits full upward and downward traceability through all inventory transactions.

The screenshot displays the 'Lot Traceability Query' window with the following sections:

- Query Controls:** Lot number: 0000120501, Stock code: LOT1205, Play button.
- Archive Files:** Table with columns: Archive file, Archive number, Archive date, Revision, Records, Archive filename. Row: OLOT001, 1, 09/04/2008, 6.0.0, 136 C:\TST630\DATA\OLOT001.DAT.
- Lot Numbers:** Table with columns: Warehouse, Bin, Quantity received, Quantity on hand, Quantity reserved, Expiry date, Date created. Row: RM, 100.000, 98.000, 0.000, None, 31/03/2008.
- Lot Transactions:** Table with columns: Transaction date, Transaction line, Transaction type, Quantity in, Quantity out, Reference, Job. Rows: 31/03/2008, 00001, Receipt, 50.000, 0.000, 000000253, 00; 05/04/2008, 00002, Issue, 1.000, 0.000, 00000147, 00.
- Lot Transaction Details:** Fields: Transaction value (R), Transaction type (Receipt of lot qty), Warehouse (RM), Bin, Quantity (50.000), Reference (000000253), Notation, Concession number, Created from job, Created from purchase order (000399), Created from purchase order line (3).
- Search Up:** Table with columns: Lot number, Stock code, Warehouse, Job. Rows: 0000120901 LOT1209 RM 00000148, 0000130101 LOT1301 RM 00000151, 0000130201 LOT1302 RM 00000151, 0000120301 LOT1203 RM 00000147, 0000001220 LOT1220 RM, 0000122101 LOT1221 RM, 0000130401 LOT1304 RM 00000151, 0000130501 LOT1305 RM 00000151, 0000000235 LOT100 FG, 0000000236 LOT100 FG, 0000000500 LOT100 FG, 0000001121 LOT112 RM, 0000011201 LOT112 RM.
- Search Down:** Table with columns: Lot number, Stock code, Warehouse, Transaction. Rows: 0000000236 LOT100 FG Sale, 0000000500 LOT100 FG Sale, 0000001121 LOT112 RM Issue, 0000120501 LOT1205 RM Issue.



The Facts

Fact Sheet

The Benefits of Lot Traceability

- Maintain a history of traceable items for accountability and customer service follow-up
- Keep detailed notes about inspections
- Provide reject control and documentation
- Furnish shelf-life control
- Trace semi-finished or finished products from the supplier of raw materials through to the customer
- Optionally allow the same lot number to be used for multiple stock items
- Archive information on traceable items to conserve disk resources
- View an on-screen query of current and/or archived data

Lot Traceability Features

- Query by item use (which customer, invoice, job, etc.) or by item supplied (which supplier, purchase order, stock item)
- Trace serialized and non-serialized inventory items
- Automatically or manually assign lot numbers as goods are received
- Default lot number to work order number for easy traceability

- Document all rejects and scrap
- Locate data when lot or serial numbers are not known with flexible search program
- Optional auto-depletion of lots
- Optional full or sample inspection of lots during purchase order and work order receipts
- Ability to reserve lot numbers to manufacture in Work in Progress
- Ability to reserve component lots for specific jobs
- Optional tracking of lots from component to parent

Integration with SYSPRO

- Inventory
- Purchase Orders
- Sales Orders
- Work in Progress

Audit trails and reporting

- Extensive reporting in detail or summary
- Report on current and/or archived costs

Tracking		Lot Information						
0000001121		Date created	Qty on hand	Qty free	Qty reserved	Ship qty	Expiry date	Last transaction
		31/03/09	190.000	185.000	0.000	5.000	00/00/00	04/07/10

Tracking		Receipts for Lot: 0000001121 Wh: RM								
0000001121		Date	Reference	Quantity	Value	Purchase order	Supplier	Job	Actual cost	Backflushing
		31/03/09	000000228	150.000	675.00	000393		0000012	0.00000	

Tracking		Issues for Lot: 0000001121 Wh: RM				
0000001121		Date	Reference	Quantity	Value	Job
		31/03/09	00000146	50.000	225.00	00000146
		04/07/10	00000540	10.000	45.00	00000540