



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:

- Lot Numbers:**

Warehouse	Bin	Quantity received	Quantity on hand	Quantity reserved	Expiry date	Date created
RM		100.000	98.000	0.000	None	31/03/2008
- Lot Transactions:**

Transaction date	Transaction line	Transaction type	Quantity in	Quantity out	Reference	Job
31/03/2008	00001	Receipt	50.000		000000253	00
05/04/2008	00002	Issue		1.000	00000147	00
- Lot Transaction Details:**

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
- Archive Files:**

Archive file	Archive number	Archive date	Revision	Records	Archive filename
OLOT001	1	09/04/2008	6.0.0	136	C:\TST630\DATA\OLOT001.DAT
- Search Up:**

Lot number	Stock code	Warehouse	Job
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:**

Lot number	Stock code	Warehouse	Transaction
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