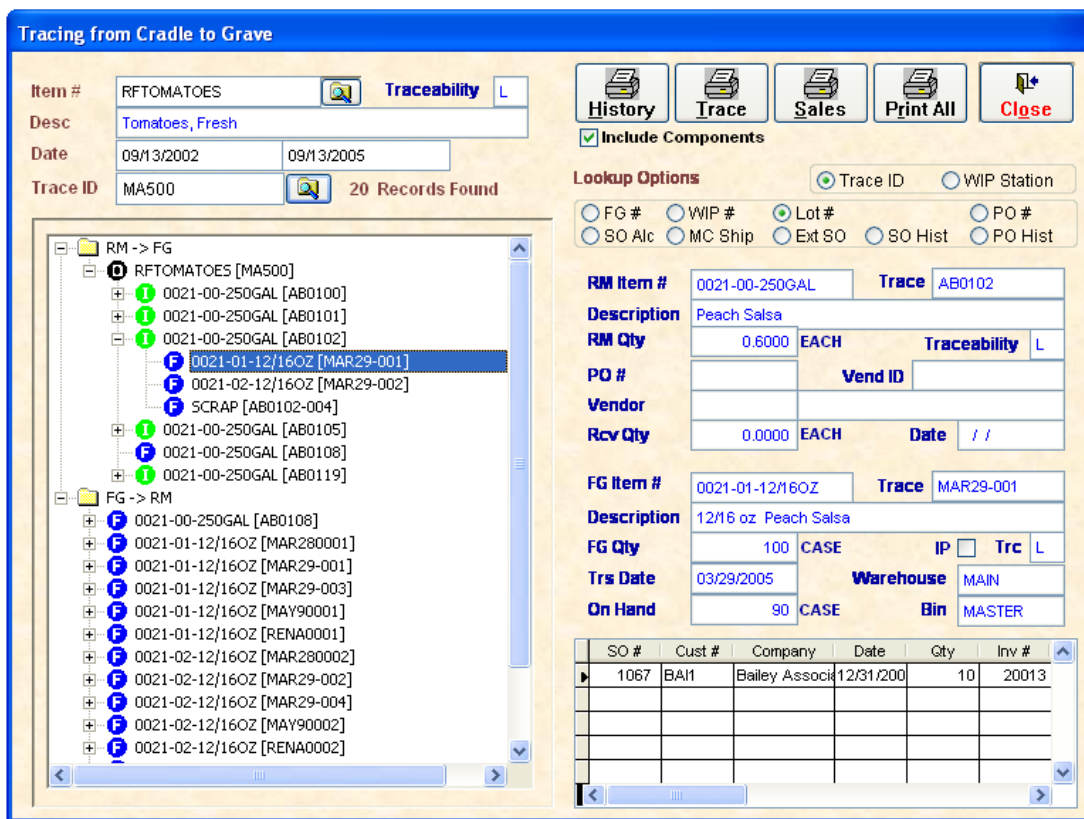


# Manufacturing Conductor - for Food Processors

## Traceability for Compliance with the Bioterrorism Act

Manufacturing Conductor (MC)<sup>™</sup> gives you a complete history of both products and ingredients providing the traceability specified by the FDA rules implementing the Bioterrorism Act of 2002 as well as customer required mock recalls. Products (Finished Goods, FG) are traced by lot number to their next destination and have the record of each ingredient (Raw Material, RM) with the RM lot number used in each FG lot. Ingredients (RM) are traced from their immediate source by both vendor lot number and MC assigned RM lot number and to each product (FG) in which they are used, again by lot number. This history can be viewed on the screen or as a report.

The screen shown here shows the history of a lot of Fresh Tomatoes (Lot #MA500):



**Tracing from Cradle to Grave**

Item #: RFTOMATOES Traceability L  
 Desc: Tomatoes, Fresh  
 Date: 09/13/2002 09/13/2005  
 Trace ID: MA500 20 Records Found

Buttons: History, Trace, Sales, Print All, Close

Include Components

Lookup Options:  Trace ID  WIP Station

FG #  WIP #  Lot #  PO #  
 SO Alc  MC Ship  Ext SO  SO Hist  PO Hist

RM Item #: 0021-00-250GAL Trace AB0102  
 Description: Peach Salsa  
 RM Qty: 0.6000 EACH Traceability L  
 PO #: Vend ID  
 Vendor:  
 Rcv Qty: 0.0000 EACH Date / /

FG Item #: 0021-01-12/16OZ Trace MAR29-001  
 Description: 12/16 oz Peach Salsa  
 FG Qty: 100 CASE IP Trc L  
 Trs Date: 03/29/2005 Warehouse MAIN  
 On Hand: 90 CASE Bin MASTER

SO #	Cust #	Company	Date	Qty	Inv #
1067	BAI1	Bailey Associ	12/31/200	10	20013

- The left pane shows the history from Raw Material to Finished Goods (RM->FG) and from Finished Goods to Raw Material (FG->RM). The "I" designates an intermediate item that is used subsequently in a Finished Good, designated by the "F".
- The details for the item highlighted in the left pane are given on the right. These details change to correspond with the item selected on the left.
- The grid at the bottom right shows the sales orders and invoices for the item selected.



The report below is a reconciliation / trace of all Fresh Tomatoes in Lot # MA500 including any sales items. It can be viewed as a report on the screen or printed. The report, shown here, displays all of the information available in the screen so that it can be viewed without having to expand each Intermediate (I) and Finished Goods (F) item on the screen.

09/13/2005 12:00:00 AM  
Administrator

Tamlin Software Developers

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TOMATOES, FRESH											
10000 LB											
Vendor Lot: FP500				Vendor Food Products [FOOD]							
Received: 12/31/2004				PO #10038							
Company Lot: MA500				RFTOMATOES							
DATE	BRAND	PRODUCT	Quantity	TRACE ID	Company	SO #	Inv #	Ship Date	Ship Qty	In Stock	FG Qty U/M
03/28/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0100							
		12/16 oz Peach Salsa [0021-01-12/16OZ]		MAR280001						50	50 CASE
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		MAR280002	Bailey Associates	1061		09/13/2005	50		50 CASE
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		MAR280003	Bates Marketing	1064		09/13/2005	25	40	65 CASE
03/28/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0101							
		12/16 oz Peach Salsa [0021-01-12/16OZ]		MAR29-003						100	100 CASE
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		MAR29-004						67	67 CASE
03/29/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0102							
		12/16 oz Peach Salsa [0021-01-12/16OZ]		MAR29-001	Bailey Associates	1067	20013	12/31/2004	10	90	100 CASE
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		MAR29-002						66	66 CASE
		MC Scrap Item [SCRAP]		AB0102-004						1	1
05/09/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0105							
		12/16 oz Peach Salsa [0021-01-12/16OZ]		MAY90001						65	65 CASE
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		MAY90002						75	75 CASE
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		MAY90003						26	26 CASE
05/28/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0108						1.0000	1.0000 EACH
08/25/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	AB0119							
		12/16 oz Peach Salsa [0021-01-12/16OZ]		RENA0001						50	50 CASE
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		RENA0002						50	50 CASE
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		RENA0003						50	50 CASE
09/13/2005	INSTOCK	MAIN MASTER []	7000.00					11		7000.00	

- The Lot source information is shown in the header.
- Finished Goods are grouped by batch.
- The Status (Brand) column shows the current status of items that are not Finished Goods.
- The Product description includes the identifying number for each completed router
- Quantity shows the quantity of product in the batch.
- FG Qty shows the number of finished goods items produced from each batch using the Unit of Measure (U/M) for that item. Batches still in stock show as 1 EACH.
- Trace ID's are the Lot Numbers for each item shown.
- The Company is the name of the customer issuing the Sales Order shown.
- Invoice Numbers, Ship Date, and Shipped Quantity are shown for shipped orders.
- In Stock quantities are shown in the In Stock column in the unit of measure for each item.



## Complete Lot Recall Reconciliation

The screen below reflects information regarding Lot # MA500 of Fresh Tomatoes. The grid on the right shows the original purchase quantity of 10,000 pounds from the Food Products vendor and indicates 7,000 pounds are currently in the Master Bin of the Main Warehouse. Selecting the Trace report will allow us to view reconciliation information from the screen and/or print the report.

**Tracing from Cradle to Grave**

Item # RFTOMATOES Traceability L  
 Desc Tomatoes, Fresh  
 Date 09/22/2002 09/22/2005  
 Trace ID MA500 20 Records Found

History Trace Sales Print All Close  
 Include Components

Lookup Options  Trace ID  WIP Station  
 FG #  WIP #  Lot #  PO #  
 SO Alc  MC Ship  Ext SO  SO Hist  PO Hist

RM Item # RFTOMATOES Trace MA500  
 Description Tomatoes, Fresh  
 RM Qty 0.00 LB Traceability L  
 PO # 10038 Vend ID FP500  
 Vendor FOOD Food Products  
 Rcv Qty 10000.00 LB Date 12/31/2004

FG Item # RFTOMATOES Trace MA500  
 Description Tomatoes, Fresh  
 FG Qty 0.00 LB IP  Trc L  
 Trs Date / / Warehouse MAIN  
 On Hand 7000 LB Bin MASTER

SO #	Cust #	Company	Date	Qty	Inv #

RM -> FG  
 RFTOMATOES [MA500]  
 0021-00-250GAL [AB0100]  
 0021-00-250GAL [AB0101]  
 0021-00-250GAL [AB0102]  
 0021-00-250GAL [AB0105]  
 0021-00-250GAL [AB0108]  
 0021-00-250GAL [AB0119]  
 FG -> RM



The screen/ report below is a complete reconciliation of all 10,000 pounds of Fresh Tomatoes in Lot # MA500. It can be viewed as a report on the screen or printed.

TOMATOES, FRESH						
10000 LB						
Vendor Lot: FP500				Vendor Food Products [FOOD]		
Received: 12/31/2004				PO # 10038		
Company Lot: MA500				RFTOMATOES		
DATE	BRAND	PRODUCT	Quantity (LB)	YIELD	TRACE ID	
03/23/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0100	
		12/16 oz Peach Salsa [0021-01-12/16OZ]		50 CASE	MAR280001	
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		50 CASE	MAR280002	
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		65 CASE	MAR280003	
03/23/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0101	
		12/16 oz Peach Salsa [0021-01-12/16OZ]		100 CASE	MAR29-003	
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		67 CASE	MAR29-004	
03/29/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0102	
		12/16 oz Peach Salsa [0021-01-12/16OZ]		100 CASE	MAR29-001	
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		66 CASE	MAR29-002	
		MC Scrap Item [SCRAP]		1	AB0102-004	
05/09/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0105	
		12/16 oz Peach Salsa [0021-01-12/16OZ]		65 CASE	MAY90001	
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		75 CASE	MAY90002	
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		26 CASE	MAY90003	
05/23/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0108	
08/25/2005	WIP	Peach Salsa [0021-00-250GAL]	500.00	1.0000 EACH	AB0119	
		12/16 oz Peach Salsa [0021-01-12/16OZ]		50 CASE	RENA0001	
		12/16 oz Private Label Peach Salsa [0021-02-12/16OZ]		50 CASE	RENA0002	
		12/16 oz Garcia Peach Salsa [0021-03-12/16OZ]		50 CASE	RENA0003	
09/22/2005	IN STOCK	MAIN MASTER [ ]	7000.00			
			TOTAL	10000.00		