

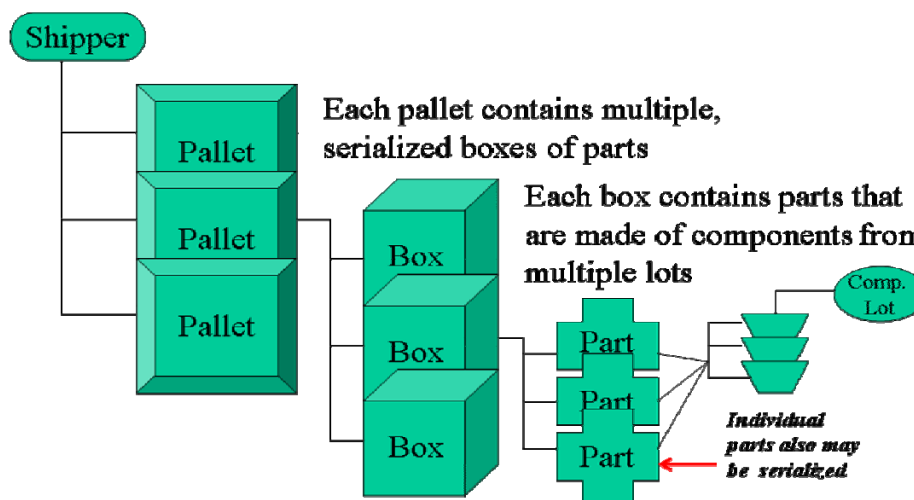


- Specialize in data collection systems for the manufacturing and distribution industries
- Developed ToolWorx Bridge™ to provide customized, *not custom*, data collection solutions that are affordable, easy to use, and expandable
- RFID Authorized Honours Partner with Intermecc; Microsoft Partner
- Principals have over 30 years experience in Automated Data Collection

TWLot™ Lot/Part Traceability and Recall Containment System

- Serialized lot tracking system for raw material to finished goods (cradle to grave) tracking of production parts and assembly operations
- Includes process error proofing to ensure that the correct component parts / lots are utilized
- Can collect and store statistical production data of component parts and raw material through PLC connectivity with historical data archiving
- Supports individual part identification through labels, RFID tags, and direct marking
- System is easily configured to create a customized data collection system based on a company's, facility's, or user's unique requirements
- Supports Federal Bioterrorism Act food traceability requirements
- Can run completely standalone or link to any commercial or custom ERP system (i.e. SAP, QAD, JDE, etc.) on any hardware platform (i.e. XP/200x, Unix, iSeries)
- Collects data from scanners (both bar codes and RFID tags) and PLC's
- Runs under Windows 200x/XP using Microsoft standards for maximum longevity and flexibility

Traceability Data Base Structure



TWLot™ Sample Report Module

Top Level Options

Serial Number Lot Number: 04194

Part Number

Lot Number From: 6/15/2004 To: 7/15/2004

Component Lot

Production Transactions					
Transaction ID	Serial Number	Item	Production Lot	Lot Number	Workstation
1430940	001719599	3503577	(null)	04194	(null)

Where Used

Serial #

Lot #

Component Lot #

Input Transactions					
Transaction ID	Item	Serial Number	Lot Number	Parent Item	Workstation
1430940	3503577	E7718-097594530	04194	3503577	(null)
1430940	3503577	E7718-097594531	04194	3503577	(null)
1430940	3503577	E7718-097594532	04194	3503577	(null)
1430940	3503577	E7718-097594533	04194	3503577	(null)
1430940	3503577	E7718-097594534	04194	3503577	(null)
1430940	3503577	E7718-097594535	04194	3503577	(null)
1430940	3503577	E7718-097594536	04194	3503577	(null)
1430940	3503577	E7718-097594537	04194	3503577	(null)
1430940	3503577	E7718-097594538	04194	3503577	(null)
1430940	3503577	E7718-097594539	04194	3503577	(null)
1430940	3503577	E7718-097594540	04194	3503577	(null)
1430940	3503577	E7718-097594541	04194	3503577	(null)
1430940	3503577	E7718-097594542	04194	3503577	(null)
1430940	3503577	E7718-097594543	04194	3503577	(null)
1430940	3503577	E7718-097594544	04194	3503577	(null)
1430940	3503577	E7718-097594545	04194	3503577	(null)

ToolWorx Product Suite

- ToolWorx SmartPack™ Error Proofing System
- TWTool™ Tool Crib System
- TWTrack™ Returnable Container Tracking System
- TWWarehouse™ Warehouse Control system



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