

# What's New in Costpoint 7.1.1 Materials

# CP 7.1.1 New Features

- Part Data Security
- Shelf Life Functionality
- Pre-Assign Serial Numbers for Purchased Parts
- Hard Allocation
- Multiple Receiving and Acceptance Locations
- Substitute Part Planning
- Government Furnished Materials/Equipment Purchase Orders
- Purchase Order Match Type
- Purchase Order Voucher Approval
- Inventory Pegging
- Serial and Lot Assignment
- Field Expansion Part/Rev/Inventory Abbreviation
- Quantity and Unit Cost Field Increase
- Increase EBOM/PBOM/MBOM worktable from 25 levels to 99 levels
- Additional User Defined Fields to Serial/Lot Table

# Part Data Security

For ITAR regulated organizations, within Costpoint, users now have the ability to create user security groups to provide or restrict access sensitive parts, bills of materials, purchase orders, inquiry screens and reports.

Users are able to turn on the feature by company, set-up through new control screens, add security groups and users to those groups. Security groups and Export Controls are added at the part level.

A Part Data Security Audit log has been added to provide details on users who accessed or attempted access to the parts through the various applications.

# Part Data Security

The screenshot displays the 'Configure Product Definition Settings' window in the Deltek software. The window has a menu bar (FILE, LINE, OPTIONS, PROCESS, WORKFLOW, HELP) and a toolbar with various icons. The breadcrumb trail indicates the path: Materials > Product Definition > Product Definition Controls > Configure Product Definition Settings.

The 'Item/Document Defaults' section includes:

- Company CAGE Code: 14956
- Default Order Policy\*: Min/Mult Lot Size
- Part Quality Requirements:**
  - ☒ QC Inspection Required
  - ☐ Source Inspection Required
  - ☒ Certificate of Conformance Required
- Taxable:**
  - ☒ Parts, ☒ Goods
  - ☒ Services, ☐ Miscellaneous
- Part Data Security (highlighted with a red box):**
  - ☒ Use Part Data Security Controls
  - Audit Log: Unauthorized & Authorized

The 'Purchasing Requirements' section includes:

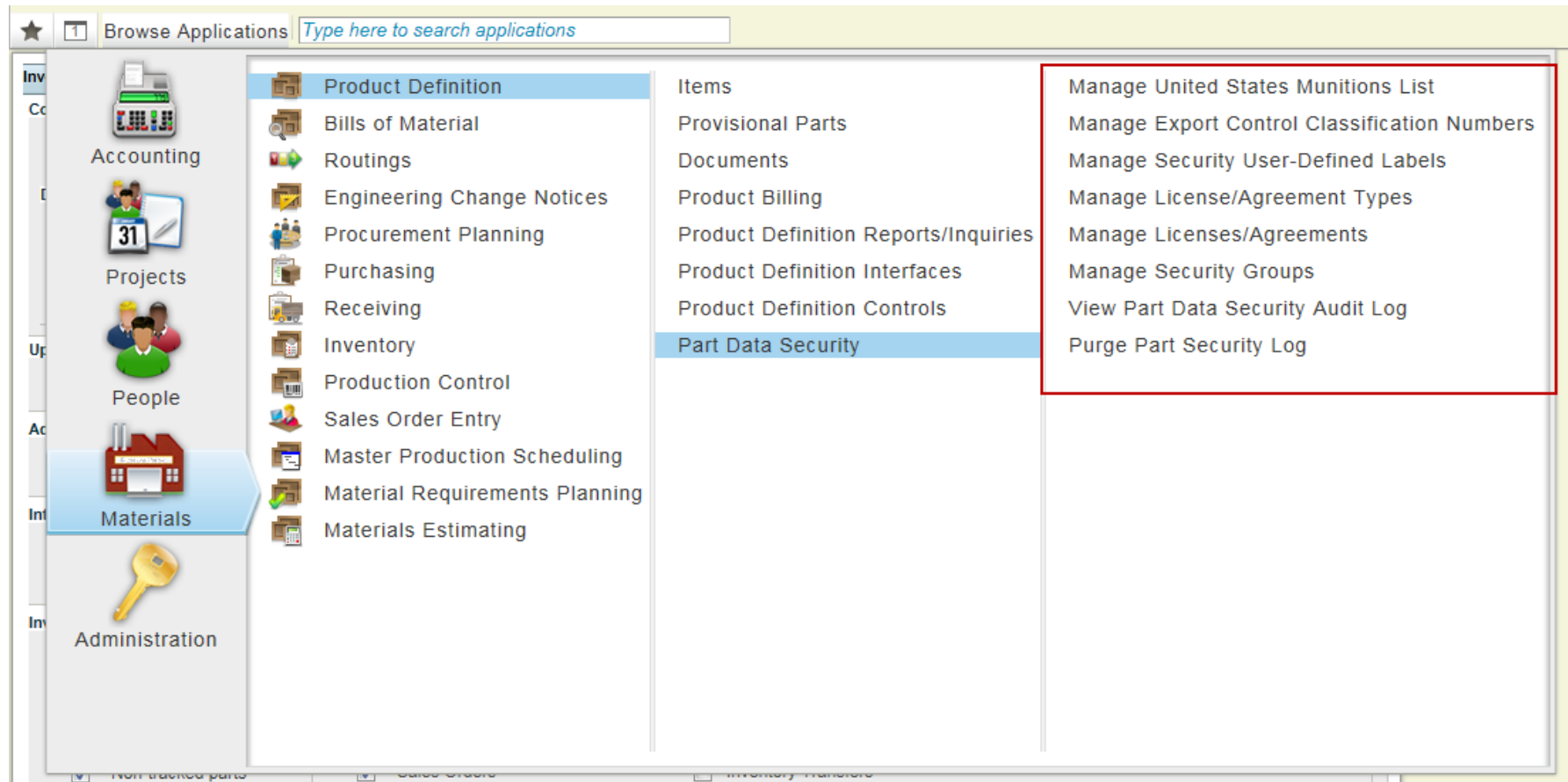
- Allow Modifications to Description on PO/Requisition Lines:**
  - ☒ Parts, ☒ Goods and Services
- Alternate Part Number Validations:**
  - ☐ Warn Buyer if Not Preferred, ☐ Warn Buyer if Not on Alternate List
  - ☒ Use Receipt Tolerance
- Approved Vendor Validations:**
  - ☐ Assigned Vendor is Not Approved, ☐ Vendor is Not Assigned to Part
- ☐ Use Part Level Vendor Restrictions, Default Part Level Vendor Restriction: [empty field]

The 'Corporate Settings' section includes:

- ☒ Allow Multiple Revisions for Each Item, ☐ Separate Items By Company
- Default Last Revision Method\*: Date Added
- Footnote: 'Allow Multiple Revisions for Each Item' and 'Separate Items by Company' cannot be changed once items have been entered.

New setting to turn on the Part Data Security feature

# Part Data Security



## New Part Data Security Control Screens

# Part Data Security

**Identification**

Part ID \* MICITAR Rev RECCN Description \* EAR secured Part  
Part Security Restricted

**Basic Information**

**Characteristics** Serial Lot Information Comments

**Basic Characteristics**

U/M \* DOZ Status \* Released ☒ Active  
Part Type \* Standard Make/Buy \* Buy ☐ As-Required  
Weight 0.00 ☐ Hazmat  
☐ ECN Pending

**Quality**

☒ QC Inspection Required  
☐ Source Inspection Required  
☒ Certificate of Conformance Required  
Inspection Type  
Company 1  
Vendor Restriction -None-

**Codes**

Commodity 001 Computer Systems CAGE 3M765  
Industry Classification MFG Manufacturers UPC  
Product Classification CLAS-1 Product Type TRANSPONDERS Date Added 06/05/2014  
National Stock No 21345 Mil-Spec ABB9999 Last ECN

[Units of Measure](#) [U/M Conversions](#) [Planning](#) [Alternate Parts](#) [Substitute Parts](#) [Project Requirements](#) [Vendors](#) [Item Billings](#) [Costs](#) [Project Item Costs](#)  
[Assigned Standard Text](#) [Documents](#) [User-Defined Info](#) [Manufacturing BOM](#) [Engineering BOMs](#) [Maintain Routings](#) [Export Control](#) [Security Groups](#)  
[Licenses/Agreements](#)

**Security Groups**

Security Group *	Description	Issuing Agency	Expiration Date
ADMIN	General Administration Service	department of Defense	12/31/2015

Ok

Parts are assigned to Security Groups

# Part Data Security

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Product Definition > Items > **Manage Parts**

**Identification** New Copy Delete Attach 1 of 12 Existing Table Query

Part ID \* MICITAR Rev Description \* space rev  
Part Security \*\*\* UNAUTHORIZED \*\*\*

**Basic Information**

Characteristics Serial Lot Information Comments

**Basic Characteristics**

U/M \* EA Status \* Obsolete ☐ Active  
Part Type \* Standard Make/Buy \* Buy ☐ As-Required  
Weight 0.00 ☐ Hazmat  
☐ ECN Pending

**Quality**

☒ QC Inspection Required  
☐ Source Inspection Required  
☒ Certificate of Conformance Required  
Inspection Type

Company 1  
Vendor Restriction

**Codes**

Commodity  
Industry Classification  
Product Classification  
National Stock No

Product Type  
Mil-Spec

CAGE  
UPC  
Date Added  
Last ECN

[Units of Measure](#) [U/M Conversions](#) [Planning](#) [Alternate Parts](#) [Substitute Parts](#) [Project Requirements](#) [Vendors](#) [Item Billings](#) [Costs](#) [Project Item Costs](#)  
[Assigned Standard Text](#) [Documents](#) [User-Defined Info](#) [Manufacturing BOM](#) [Engineering BOMs](#) [Maintain Routings](#) [Export Control](#) [Security Groups](#)  
[Licenses/Agreements](#)

Example of attempted access to a restricted part by an unauthorized employee

# Part Data Security

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Product Definition > Part Data Security > View Part Data Security Audit Log

Option Start End

Date\* All

Commodity

Employee

Part Rev

Audit Log Type\* Unauthorized & Authorized

Part Data Security Audit Log

Date & Time	Audit Log Type	Transaction ID	Part	Rev	User ID	Employee nm	Employee Name	Application Name	Subtask	Part Desc	Commodity
10/13/2014 11:38:38	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	View Bills of Material	BOM Inquiry	Revision U	
10/13/2014 11:29:32	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	View Bills of Material	BOM Inquiry	Revision U	
10/13/2014 11:25:50	Authorized		AKITA		CPSUPERUSER	BRANDO	Brando, Cody	Manage Sales Orders	Enter Sales Order Components	Dog - Akita - Female	FORALLCC
10/13/2014 11:22:06	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	View Bills of Material	BOM Inquiry	Revision U	
10/13/2014 11:21:18	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	Manage Manufacturing Bills of Material	Maintain MBOM(CTW)	Revision U	
10/13/2014 10:46:21	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	View Bills of Material	BOM Inquiry Details	Revision U	
10/13/2014 10:37:43	Authorized		COMBATGUN	U	CPSUPERUSER	BRANDO	Brando, Cody	Manage Manufacturing Bills of Material	Maintain MBOM(CTW)	Revision U	
10/10/2014 10:48:52	Authorized	LOG-B00	AKITA		CPSUPERUSER	BRANDO	Brando, Cody	Manage Sales Orders	Enter Sales Order Components	Dog - Akita - Female	FORALLCC
10/09/2014 20:46:45	Authorized	LOG-B051	COMBATGUN	R	CPSUPERUSER	BRANDO	Brando, Cody	Manage Sales Orders	Enter Sales Order Components	Revision R	
10/09/2014 20:46:39	Authorized	LOG-B051	AKITA		CPSUPERUSER	BRANDO	Brando, Cody	Manage Sales Orders	Enter Sales Order Components	Dog - Akita - Female	FORALLCC

## View Part Data Security Audit Log



# Shelf Life

Users now have the ability to assign and manage the shelf life of parts, as well as the ability set limitations to extend usage past the expiration dates after recertification.

Shelf life expiration dates are assigned to the part/lot upon receipt.

A new Shelf Life Status Report has been added for users to view which parts are expired or nearing expiration.

# Shelf Life

The screenshot displays the 'Manage Parts' application window. The 'Identification' section shows 'Part ID \*' as 'PART-AAA', 'Description \*' as 'AR- Part -AAA', and 'Part Security' as 'Unrestricted'. The 'Basic Information' section includes 'U/M \*' as 'EA', 'Status \*' as 'Released', 'Part Type \*' as 'Standard', 'Weight' as '0.00', 'Make/Buy \*' as 'Make', and 'Company' as '1'. The 'Planning Details' section shows 'Subst. Part Planning Order' as 'Original Part Across Projects', 'Planning Type \*' as 'None', 'Scrap' as '0.00%', and 'Yield' as '100.00%'. A 'Shelf Life' dialog box is open, showing 'Shelf Life Type' as 'Extendable', 'Shelf Life (Days)' as '14', and 'Allow Use Past Expiration Date' checked. The dialog also includes fields for 'Planning Days Past Expiration Date' (3), 'Number of Days for Recertification' (5), and 'Number of Extensions Allowed' (2). The 'Receipt Tolerance' section shows 'Overshipment Allowed' checked and 'Percentage' as '0.00%'. The 'Order Policy' section shows 'Policy Type \*' as 'Discrete' and 'Period Order Days' as '0'. The 'Lead Times/Time Fences(Days)' section shows 'Total Lead Time (Days)' and 'Default Component Lead Time'.

**Identification**

Part ID \* PART-AAA Rev Description \* AR- Part -AAA  
Part Security Unrestricted

**Basic Information**

Characteristics Serial Lot Information Comments

**Basic Characteristics**

U/M \* EA Status \* Released Active  
Part Type \* Standard Make/Buy \* Make As-Required  
Weight 0.00 Hazmat  
ECN Pending

**Quality**

QC Inspection Required  
Source Inspection Required  
Certificate of Conformance Required  
Inspection Type

Company 1  
Vendor Restriction -None-

**Codes**

Commodity  
Industry Classification  
CAGE 123456  
UPC

**Planning Details**

Basic Characteristics  
Commodity  
Buyer Planner  
Subst. Part Planning Order Original Part Across Projects  
Planning Type \* None Scrap 0.00% Yield 100.00%

**Receipt Tolerance**

Overshipment Allowed  
Percentage

**Order Policy**

Policy Type \* Discrete  
Period Order Days 0

**Lead Times/Time Fences(Days)**

Total Lead Time (Days)  
Default Component Lead Time

**Shelf Life**

Shelf Life Type Extendable  
Shelf Life (Days) 14  
Allow Use Past Expiration Date  
Planning Days Past Expiration Date 3  
Number of Days for Recertification 5  
Number of Extensions Allowed 2

**Physical Count**

Warehouse  
Location  
BC Classification  
Tolerance 0.00%  
Frequency \* 0  
SO Time Fence \* 0

**Lead Time Part Warehouses Shelf Life**

Ok

## Assign Shelf Life Days and Extendability in Manage Parts

# Shelf Life Manage Purchase Order Receipts

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Receiving > Receiving > Manage Purchase Order Receipts

Identification  
Warehouse 9800 PO Receipt ID POR9800014 Date 07/14/2014 Traveler By Receipt Material Handler TWILL

PO Information  
Purchase Order PO-11142 Release 0 Change Order 0 Trans Currency USD Vendor SONEX

Receiving Information  
Packing Slip No 4EEW Default Receiving Location R-EC  
Offsite Receiver Default Rejection Location H-OLD

Notes

Serial/Lot Info  
Purchase Order: PO-11142 Release: 0  
PO Line: 1 Receipt Line: 1 Item: MIL-A-46164-242 Rev: Description: LOCKTITE ADHESIVE, LOCKTITE #242 BLUE IN A 1OZ. BOTTLE Inv Abbrev: 980...

Lot Number	Receipt Quantity*	Shelf Life Type	Shelf Life Exp Date	Orig Shelf Life Exp Date	Shelf Life Extn Allowed	Shelf Life Extn Taken	Available For Planning
600	2.0000	Extendable	11/19/2014	11/19/2014	99999	0	<input checked="" type="checkbox"/>

Autoload Serial/Lot Generate UID Ok

At receipt, shelf life information is added

# Shelf Life Manage Serial/Lot Information

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Inventory > Inventory Utilities > Manage Serial/Lot Information

**Identification**

Part \* GN-14SL Rev GN-14SL U/M EA

**Part Tracking Requirements**

Lot Y Serial Y

**Serial/Lot Maintenance Details** New Copy Delete Form Query

Generate UID

Serial	Lot	Shelf Life Type	Shelf Life Exp Date	Shelf Life Orig Exp Date	Shelf Life Extn Allowed	Shelf Life Extn Taken	Shelf Life Available for Planning	Maint Purch
SL-1709	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1710	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1711	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1712	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1713	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1714	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1715	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SL-1716	LOT-0739	Non-extendable	09/30/2014	09/30/2014	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>

[Serial/Lot Location Detail](#)

Ability to view and update expirations at the lot level



# Pre-Assign Serial Numbers

The Pre-Assign Serial Numbers for Purchased Parts feature enables users to assign serial and lot numbers to parts at the Purchase Order for their vendors.

This features benefits those users whose customers designate a serial/lot number scheme for all parts of the build item. As well, for parts that must be kept together during the assembly process can be tracked using the serial/lot numbers.

# Pre-Assign Serial and Lot Numbers

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Procurement Planning > Purchase Requisitions > Manage Purchase Requisitions

Identification  
Requisition ID: RQ-0526054 Rev: 0 Approval Process: Status: PO Generated Submit for Approval: Trans Currency: USD

Header Accounting Defaults Other Information Notes Assign PO Defaults

Requisitioner  
Requisitioner\*: TWILL Will, Thomas R  
ORGANIZATION: Phone: Extension:  
Buyer: MASTER Jackson, Alan  
☒ Combine with Other Requisitions ☐ Requisition Printed  
Requisition Date\*: 07/10/2014  
Target Place Date: 07/10/2014  
Date Entered: 07/10/2014  
Buyer Assignment Date: 07/10/2014  
Procurement Type:

Sales Tax/VAT Total: 0.45 Req Total: 10.45

Requisition Lines

Line *	Status	Line Type	Item	Item Rev	Misc Type	Description
1	PO Generated	P	GAYATHRIPATH2			GAYATHRIPATH2

Serial/Lot

Requisition ID: RQ-0526054  
Line: 1 Description: GAYATHRIPATH2 Quantity: 10.0000 Req U/M: EA Total Est Cost Am: 10.45

Serial	Lot	Quantity	Notes
SL-0839	LOT-0592	1.0000	
SL-0839	LOT-0592	1.0000	
SL-0840	LOT-0592	1.0000	
SL-0841	LOT-0592	1.0000	
SL-0842	LOT-0592	1.0000	
SL-0843	LOT-0592	1.0000	
SL-0844	LOT-0592	1.0000	
SL-0845	LOT-0592	1.0000	

Autoload Serial/Lot Generate UID

Ok

Enables users to pre-assign serial and lot numbers at the Purchase Requisition

# Pre-Assign Serial and Lot Numbers

FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

Browse Applications Materials > Purchasing > Purchase Orders > Manage Purchase Orders

Identification  
Purchase Order ID: [ ] Release: [0] Change Order: [0] Type: Purchase Order Trans Currency: USD

Header Other Information Accounting Defaults Other Defaults Vendor Address Bill To & Return Address Blanket Info

Buyer: SR BUYER Applegate, Richard S Status: Open  
Vendor: V100004 ACME Supplies Procurement Type: [ ]  
Vendor Address: ADDR2  
Order Date: 09/20/2013

Sales Tax/VAT Total: 0.00 PO Total: 200.00 Create Release

Header Notes Header Text Header Documents PO Totals Exchange Rates

Line	Line Type	Status	Item	Rev	Description	Misc Type	U/M	Quantity	Gross Unit Cost	Volume Discount	Net Unit Cost	Extended Cost	Match Type	Match Option	Inv Abbrev
1	P	Open	JANTXV429001		Capacitor		EA	10.0000	20.0000	0.00%	20.0000	200.00	3-way	TOTAL	09/20

Serial/Lot Accounts Line Charges Line Text Line Documents Currency Line Substitute Parts

Enter Purchase Orders > Serial/Lot

Purchase Order ID: Release: 0  
Line: 1 Description: Capacitor Quantity: 10.0000 Total Line Amt: 200.00

Serial	Quantity	Self Life Expiration	Notes	UID	Type	UID Enterprise Identifier	UID Issuing Agency	Condition
324508065	1.0000				UID2			
324508066	1.0000				UID2			
324508067	1.0000				UID2			
324508068	1.0000				UID2			
324508069	1.0000				UID2			
324508070	1.0000				UID2			

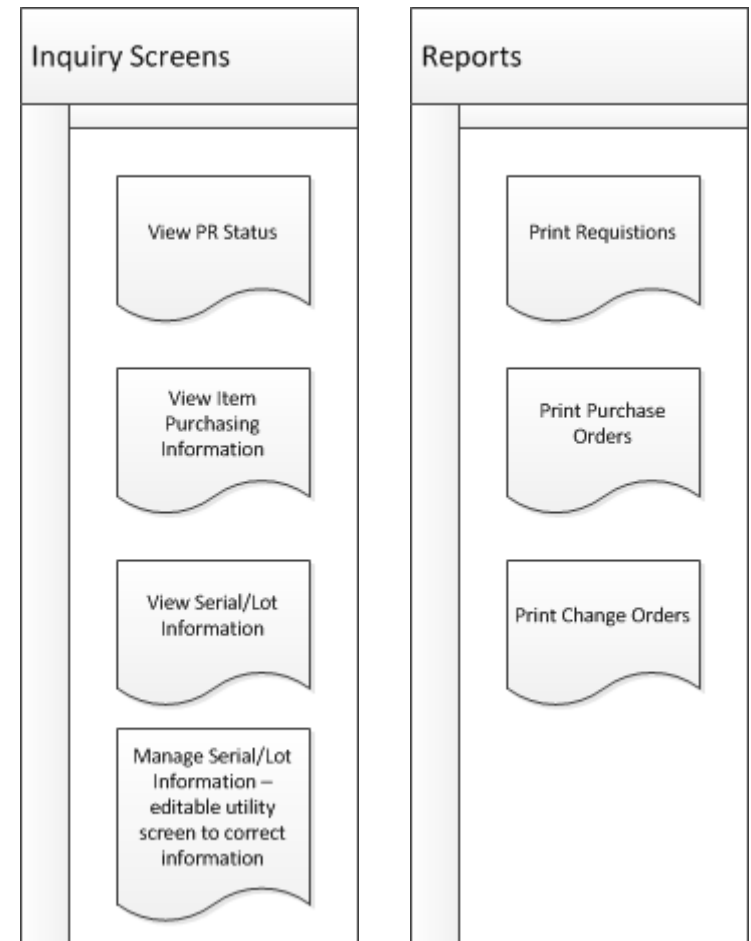
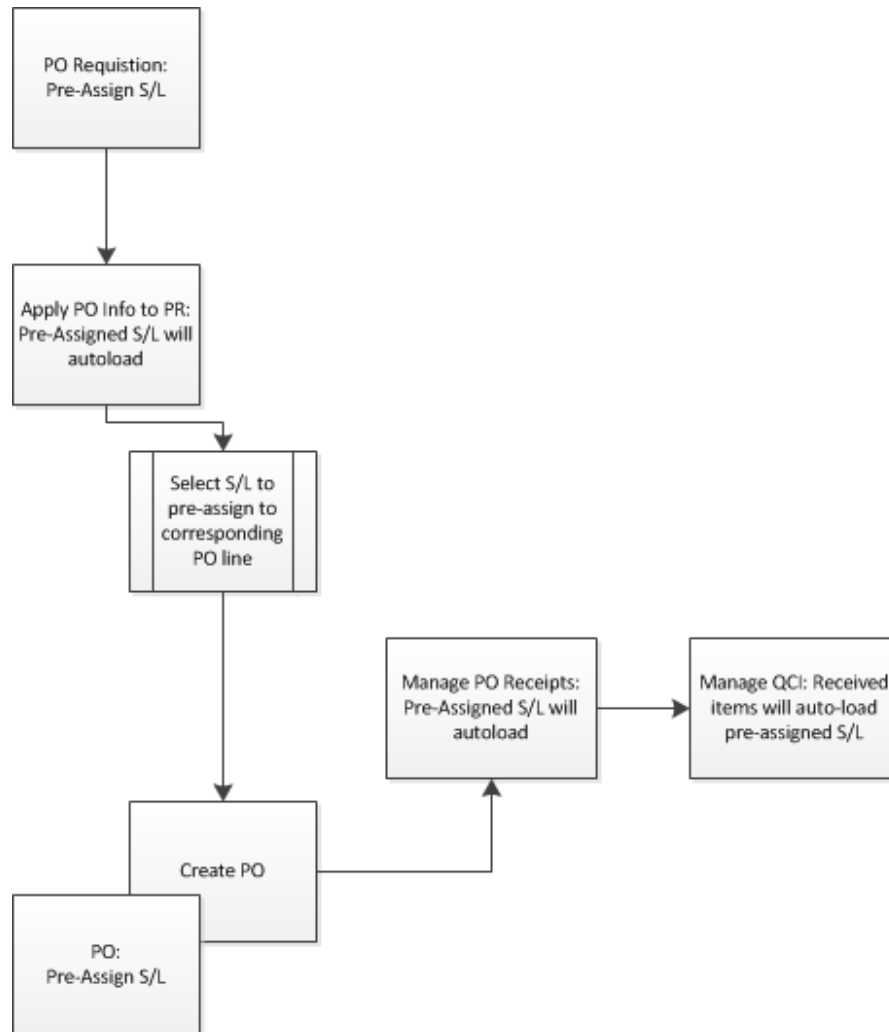
Autoload Serial/Lot Generate UID

Ok

Enables users to pre-assign serial and lot numbers at the Purchase Order



# Serial/Lot Assignment Flow



# Hard Allocation

The Hard Allocation feature enables users to hard allocate parts to Manufacturing Orders, Sales Orders, Purchase Orders, Inventory Issues and Inventory Transfers.

Users have the option to hard allocate based on serial number, lot number or non-tracked parts.

# Hard Allocation

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Inventory > Inventory Controls > Configure Inventory Settings

### Inventory Settings

**Cost Options**

- ☒ Roll-Up PO Charges in Material Cost (Expense Inv Only)
- ☒ Report Elements of Material Cost

**Defaults**

Costing Method:

**PROJECT Cost Roll-Up within Same Top-Level PROJECT**

☒ Roll-Up All Parts ☐ Roll-Up Buy Parts Only ☐ No Roll-Up

**Other Settings**

Inventory Recognition Point \*

Last Cost Adj Transaction ID

- ☒ Auto load Actual Count Qty with Pre-Count Qty
- ☒ ABC Classification by WAREHOUSE

**Update Units Usage History**

☒ No Update ☐ Update All ☐ Update for Units Billing PROJECTS

**Adjustment Approval**

Approval Amount Threshold  Local Approval Password

**Inter-Project Issue/Adjustment Option Defaults**

☒ No Issues/Adjustments Outside PROJECT ☐ Allow Issues/Adjustments Within Same Netting Group

☐ Allow Issues/Adj Within Same Top-Level PROJECT Only ☐ Allow Inter-Project Issues/Adjustments

**Inventory Allocations**

☒ Allow Inventory Allocations

**Tracking**

- ☒ Serial tracked parts
- ☒ Lot tracked parts
- ☒ Non-tracked parts

**Reservations**

- ☒ Manufacturing Orders
- ☒ Include Firm Planned MOs
- ☒ Sales Orders
- ☐ Purchase Orders
- ☒ Inventory Issues
- ☒ Include Issue Requests
- ☒ Inventory Transfers
- ☒ Include Transfer Requests

Master flag for enabling allocations and assigning Reservations

# Hard Allocation

★

1

Browse Applications

Materials >

Inventory >

Reservations >

Create Inventory Allocations

Inventory Allocations Report - 1

Delttek

Radiation Systems Inc.

Allocate Inventory Process

Page 5 of 10

10/31/14

01:15 PM

Warehouse: WHSE1

Sales Orders


Line	Comp	Reservation	Part/Desc	Rev	Inv Abbrev	Reservation Qty	Allocation Qty	Location	Serial/Lot	New
SO: 080114-2			Customer: AAA AAA							
1		0 RSV-000702	T101-1		INVT2	20.00	2.00			
			T101-1 test part				2.00 MM1			Y
SO: 092414-1			Customer: AAA AAA							
1		0 RSV-000729	SL101		INVT2	10.00	10.00			
			Serial and lot tracked				1.00 MM1		SL-1720 LOT-0744	Y
							1.00 MM1		SL-1721 LOT-0744	Y
							1.00 MM1		SL-1722 LOT-0744	Y
							1.00 MM1		SL-1723 LOT-0744	Y
							1.00 MM1		SL-1724 LOT-0744	Y
							1.00 MM1		SL-1725 LOT-0744	Y
							1.00 MM1		SL-1726 LOT-0744	Y
							1.00 MM1		SL-1727 LOT-0744	Y
							1.00 MM1		SL-1728 LOT-0744	Y
							1.00 MM1		SL-1729 LOT-0744	Y
SO: 1021D2			Customer: CRC Computer Resources Corp.							
1		0 RSV-000756	AKITA		51501	1.00	1.00			
			Dog - Akita - Female				1.00 SEC1-ROWG-2-L			Y
SO: GRA31118-A			Customer: 41CUST 41 CUSTOMER							
2		0 GRA4080204	GRA31118-SUB-AAA		INV4R1	50.00	50.00			
			TEST				50.00 0001-0001-1-1			Y

## Create Inventory Allocations Report

# Hard Allocation

★
5
Browse Applications
Materials > Sales Order Entry > Sales Order Material Processing > [Print Sales Order Pick Lists](#)

Sales Order Pick Lists - 1



**Radiation Systems Inc.**  
**Sales Order Pick Lists**

Page 1 of 1  
10/31/14  
01:33 PM

Sales Order: 092414-1      Customer: AAA AAA  
Warehouse: WHSE1  
Ship To: SHIPTOBILLING      Due Date: 10/24/14  
THREE A'S COMPANY      Ship By Date: 10/24/14  
4678 SPRING DEER PARKWAY  
BLDG #5  
  
LORTON, VA 24399 United States of America  
Material Handler:      Picked Date:

Line	Part Description	Rev	U/M	Required Qty	Location	Serial/Lot	Exp. Date	On-Hand Qty	Picked Qty
1	SL101		EA	10.0000					
	Serial and lot tracked								
	Invt Abbrv: INVT2								
					<u>Allocated</u>				
					MM1	SL-1720		1.0000	
					MM1	SL-1721		1.0000	
					MM1	SL-1722		1.0000	
					<u>Unallocated</u>				
					LOC-01	SL-2432		1.0000	
					LOC-01	SL-2433		1.0000	
					MM1	SL-1723		1.0000	
					MM1	SL-1724		1.0000	
					MM1	SL-1725		1.0000	
					MM1	SL-1726		1.0000	
					MM1	SL-1727		1.0000	
					MM1	SL-1728		1.0000	
					MM1	SL-1729		1.0000	

Example of Sales Order Pick Lists with Allocated Parts

# Multiple Receiving and Acceptance Locations

Through the Multiple Receiving and Acceptance Locations feature, inventory can be accurately tracked within a warehouse at the time of receipt or acceptance.

Previously, for all items received in a PO line, multiple storage locations could not be specified and tracked through the system. This led to inaccurate records of inventory locations. This feature enables users to receive inventory ordered on 1 PO line into multiple receiving locations for accurate tracking.

# Multiple Receiving and Acceptance Locations

FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

★ Browse Applications Materials > Receiving > Receiving > Manage Purchase Order Receipts

Identification  
 Warehouse: WHSE1 PO Receipt ID: POR-100355 Date: 08/27/2014 Traveler: By Receipt Material Handler: AJACKSON

PO Information  
 Purchase Order: PO-11225 Release: 0 Change Order: 0 Trans Currency: USD Vendor: Master Supply Company

Receiving Information  
 Packing Slip No: PS1 Default Receiving Location: SEC2-ROW2-C-1  
 Offsite Receiver: Default Rejection Location: MEZZ-LVL2-C

Notes

Total Received Amt: 150.00 ☐ Save receipt lines with zero received qty/amt Autoload

PO Header Documents

PO Line	Receipt Line	Item	Rev	Description	Part Security	PO U/M	Received Qty (PO U/M)	Accepted Qty (PO U/M)	Order Qty	Tot PO Line Received Qty	Receipt Location	Open Qty PO U/M	Inv Abbrev	PO Line Warehouse	Received Qty (Inv U/M)	Accepted Qty (Inv U/M)	Open Qty (Inv U/M)	Received Amt	Accepted Amt	Open Amt
1	1	KH2014.ITAR-PA		KH2014.ITAR-PART	Unrestricted	EA	3.0000	0.0000	5.0000	5.0000	SEC2-ROW2-C-1	0.0000	INV2R1	WHSE1	3.0000	0.0000	0.0000	45.00	0.00	0.00
1	2	KH2014.ITAR-PA		KH2014.ITAR-PART	Unrestricted	EA	2.0000	0.0000	5.0000	5.0000	SEC2-ROW2-C-2	0.0000	INV2R1	WHSE1	2.0000	0.0000	0.0000	30.00	0.00	0.00
2	1	KH2014.ITAR-PA UNREST		KH2014.ITAR-PART	Unrestricted	EA	4.0000	0.0000	5.0000	5.0000	SEC2-ROW2-C-1	0.0000	INV2R2	WHSE1	4.0000	0.0000	0.0000	60.00	0.00	0.00
2	2	KH2014.ITAR-PA UNREST		KH2014.ITAR-PART	Unrestricted	EA	1.0000	0.0000	5.0000	5.0000	SEC2-ROW2-C-2	0.0000	INV2R2	WHSE1	1.0000	0.0000	0.0000	15.00	0.00	0.00

Auto-Receive Auto-Accept

PO Line Documents PO Line ACCOUNTS Serial/Lot Info Fixed Assets Part Documents Back Orders

Enables received inventory to be stored in multiple receiving locations

# Multiple Receiving and Acceptance Locations

★ 8 Browse Applications Materials > Receiving > Receiving > **Manage Quality Control Inspections**

**Identification**  
 Warehouse: WHSE1 Inspection ID: PO Receipt\*: POR-100355 Insp Date\*: 10/31/2014 Trans Currency: USD

**PO Information**  
 PO: PO-11225 Release: 0 Change Order: 0 Vendor: Master Supply Company Buyer: MASTER

**Defaults**  
 Inspector: ASAKA Rejection Location: MEZZ-LVL2-C MRB Location: SEC4-ROWC-4-0 Insp Report ID:

Packing Slip: PS1 Autoload

Notes

[PO Header Documents](#)

PO Line*	Receipt Line*	Item	Rev	Incoming Inspection Location	Received Qty (PO U/M)	Accepted Qty (PO U/M)	Acceptance Location	Undispositioned Qty (PO U/M)
→ 1	1	KH2014.ITAR-PART-SECUR		SEC2-ROW2-C-1	3.0000			2.0000 KH2
→ 1	2	KH2014.ITAR-PART-SECUR		SEC2-ROW2-C-2	2.0000			1.0000 KH2
→ 2	1	KH2014.ITAR-PART-SECUR UNRESTF		SEC2-ROW2-C-1	4.0000			3.0000 KH2
→ 2	2	KH2014.ITAR-PART-SECUR UNRESTF		SEC2-ROW2-C-2	1.0000			0.0000 KH2



# Multiple Receiving and Acceptance Locations

★ 9 Browse Applications Materials > Receiving > Receiving > [Print Receipt Traveler](#)

Receipt Travelers - 1

**Radiation Systems Inc.**  
**Receipt Travelers**  
 Warehouse: WHSE1

Page 1 of 2  
 10/31/14  
 02:27 PM

Receipt: POR-100355 Packing Slip: PS1 Receiver: Jackson, Alan  
 Receipt Date: 08/27/14  
 PO: PO-11225 Rel: 0 Change Order: 0 Vendor: MASTER Master Supply Company

Receipt Notes:

PO Line: 1 Receipt Line: 1 Unit Cost: 15.0000 Planner:  
 Item: KH2014.ITAR-PART-SECURITY Rev: KH2014.ITAR-PART-SECURITY = UNRESTRICTED

U/M: EA QC Req'd: Y Cert of Conf Req'd: Y Source Insp Req'd: N Insp Type: Hazmat: N  
 Deliver To: Order Ref: Requisition:  
 Qty Received: 3.0000 Qty Accepted: 1.0000 Qty Rejected:  
 Location: SEC2-ROW2-C-1 Location: Location:  
 Manuf Part: Rev: Vendor Part: Rev:  
 Lot Req'd: N Serial Req'd: N  
 Document: Rev: Type:  
 Doc Name:

Prime Contract	Priority	Project	ORGANIZATION	ACCOUNT
PERF TESTING		PRJ2.001	1.2.200	51501

PO Line: 1 Receipt Line: 2 Unit Cost: 15.0000 Planner:  
 Item: KH2014.ITAR-PART-SECURITY Rev: KH2014.ITAR-PART-SECURITY = UNRESTRICTED

U/M: EA QC Req'd: Y Cert of Conf Req'd: Y Source Insp Req'd: N Insp Type: Hazmat: N  
 Deliver To: Order Ref: Requisition:  
 Qty Received: 2.0000 Qty Accepted: 1.0000 Qty Rejected:  
 Location: SEC2-ROW2-C-2 Location: Location:  
 Manuf Part: Rev: Vendor Part: Rev:  
 Lot Req'd: N Serial Req'd: N  
 Document: Rev: Type:  
 Doc Name:

Prime Contract	Priority	Project	ORGANIZATION	ACCOUNT
PERF TESTING		PRJ2.001	1.2.200	51501

PO Line: 2 Receipt Line: 1 Unit Cost: 15.0000 Planner:  
 Item: KH2014.ITAR-PART-SECURITY Rev: UNRESTRICTED KH2014.ITAR-PART-SECURITY = UNRESTRICTED S

U/M: EA QC Req'd: Y Cert of Conf Req'd: Y Source Insp Req'd: N Insp Type: Hazmat: N

# Substitute Part Planning

Previously on the part master, users could assign substitute parts, but they were for reference only.

Now, with CP 7.1.1, users have the ability for MRP to take into account the primary part inventory as well as the sub part on-hand quantities. MRP will plan accordingly and create the appropriate transfer action messages upon determining the requirements.

The Substitute Part functionality enables users to consume lower revisions, use available inventory or soon-to-be obsolete inventory.

# Substitute Parts Manage Parts

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Product Definition > Items > Manage Parts

**Identification** New Copy Delete 5 of 5 Existing Table Query

Part ID \* JANTXV429010 Rev Description \* Capacitor

**Basic Information**

Characteristics Serial Lot Information Comments Security Group Shelf Life

**Basic Characteristics**

U/M \* EA Status \* Released ☒ Active  
Part Type \* Standard Make/Buy \* Buy ☐ As-Required  
Weight 0.00 ☐ Hazmat  
☐ ECN Pending

**Quality**

☐ QC Inspection Required  
☐ Source Inspection Required  
☐ Certificate of Conformance Required  
Inspection Type  
Company 10 Vendor Restriction -None-

**Codes**

Commodity 200 Electronic components CAGE 1234  
Industry Classification 334419 Other electronic components  
Product Classification LOGCON Product Type Consulting  
National Stock No NAT4348JANTXV42910-1 Mil-Spec MILSPEC 429010  
UPC  
Date Added 09/20/2013  
Last ECN

[Units of Measure](#) [U/M Conversions](#) [Planning](#) [Alternate Parts](#) [Substitute Parts](#) [Project Requirements](#) [Vendors](#) [Item Billings](#) [Costs](#) [Project Item Costs](#) [Assigned Standard Text](#) [Documents](#) [User-Defined Info](#) [Manufacturing BOM](#) [Engineering BOMs](#) [Maintain Routings](#)

**Substitute Parts** New Copy Delete Form Query

Sequence *	Substitute Part *	Subst Rev	Status *	Subst U/M	Subst Make/Buy	Description	Inventory Lot Required	Inventory Serial Required
1	JANTXV229002		Use-up/Interchangeable	EA	B	Capacitor	<input type="checkbox"/>	<input type="checkbox"/>
2	JANTXV329003		Interchangeable	EA	B	Capacitor	<input type="checkbox"/>	<input type="checkbox"/>

Enter the UPC (numeric product code) associated with this item.

Manage Parts Substitute Parts subtask planning options and status

# Substitute Parts MRP Options

**Settings**

- ☒ Exclude Customer Repair MOs as Supply
- ☒ Plan Partially Released MBOMs
- ☐ Calculate Estimated Cost of Planned Orders / Messages
- ☐ Match Supply to Demand Dates before Rescheduling

Minimum Lot Size Allocation - Buy \*

Minimum Lot Size Allocation - Make \*

Planner Assignment \*

**Include as Demand**

- ☒ Pending Sales Orders
- ☒ Pending Inventory Requests
- ☒ Safety Stock

**Action Message Screen**

- ☒ Allow MO Maintenance
- ☒ Allow PO Maintenance
- ☒ Allow Reservation Maintenance

Sales Order Packing Lead Time (Days)

Apply Order Policy Rules during MRP \*

Planning Warehouse Assignment \*

**Substitute Part Planning Options**

- ☒ Plan Substitute Part Options \*
- ☒ Use Interchangeable Parts
- ☐ Use Part Planning
- ☐ Planning Order \*

**Options \***

- ☒ Use Project Substitution Only
- ☐ Use Interchangeable Parts
- ☐ Use Part Planning
- ☐ Planning Order \*

**Include**

- ☒ Manufacturing Orders
- ☐ Sales Orders
- ☒ Inventory Reservations
- ☒ PO/Req Reservations

**Default Values**

- ☒ Combine Planned Orders - Buy Parts
- ☒ Combine Planned Orders - Make Parts
- MRP Option Code \*
- Req Approval Process
- Planner
- Transfer Reservation Type \*
- ☒ Create Transfer Reservation Action Message
- Project Preference \*

**Corporate Settings**

- ☒ Process MRP by Company
- ☒ Plan MRP by Company
- ☒ Use Common Inventory
- ☐ Allow Net Change MRP
- ☒ Plan Warehouse Separately
- ☒ Plan MPS Part Requirements
- ☐ Generate MRP Log File

Within MRP, Substitute Part Planning Options have been added

# Substitute Parts MRP Planning

★ 8 Browse Applications Materials > Material Requirements Planning > Material Requirements Planning > **Manage MRP Action Messages**

MPS Plan

**Inventory Project Selection**  
Project Option\*   
Project   
Netting Group

Planner   
Planned Ord Date Cutoff   
Warehouse

**Select Message Types**  
☒ Planned Order    ☒ GFM Planned Orders  
☒ Cancel Order    ☒ Inactive Inventory  
☒ Decrease Quantity    ☒ Exceeds Max Qty  
☒ Reschedule    ☒ ECN Pending  
☒ Substitute Part    ☒ Transfer Reservation

Form Query ▼

	Action Code	Message Type	Supply Type	Order Type	Order / Reservation	Release	Line	Part	Rev	Open Quantity	From Inv Abbrev	Order Reference
	-None- ▼	Transfer Reservat	Transfer Resvsn	Transfer				204597-1	A	4.0000	INVT1	092713-5
	-None- ▼	Reschedule Order	Requisition	Buy	911006-000	0	19	29007		400.0000		
	Release ▼	Substitute Part	Substitute Part	Buy				2SWBOLT304	1	2.0000	INVT2	RSV-000758
	Release ▼	Planned Order	Planned Order	Buy				2SWBOLT304	2	21.0000		
	Release ▼	Substitute Part	Substitute Part	Transfer				2SWBOLT304L	1	3.0000	INVT2A	RSV-000758
	Release ▼	Substitute Part	Substitute Part	Buy				2SWBOLT304L	1	2.0000	INVT2	RSV-000758
	-None- ▼	Decrease Qty	Requisition	Buy	911006-000	0	20	2X2X6-A36		100.0000		
	-None- ▼	Reschedule Order	Requisition	Buy	911006-000	0	20	2X2X6-A36		100.0000		
	-None- ▼	ECN Pending	ECN					3	1			
	-None- ▼	Cancel Order	MO	Make	MO3235-10	0	0	3235	A	12.0000		
	-None- ▼	Reschedule Order	Requisition	Buy	911006-000	0	22	3X.058X12-T6		100.0000		
	-None- ▼	Reschedule Order	Transfer Resvsn	Transfer	RSV-000516	0	49	3X.058X12-T6		100.0000	INVT2	

[Part Detail](#)
[Projects](#)
[Warehouse Inventory](#)
[Inventory Details](#)
[Orders](#)
[PO](#)
[MO](#)
[Planned Order](#)
[Reservation](#)
[Requisition](#)
[Requirements](#)
[Full Reqmts](#)
[Substitutes](#)
[ECNs](#)

Within MRP, Manage MRP Action Messages includes Substitute Parts and Transfer Reservations

# Substitute Parts MRP Planning

★ Browse Applications Materials > Material Requirements Planning > Material Requirements Planning > Firm Material Requirements Planning Planned Orders

→ Identification New Delete 1 of 1 New Table Query X

Parameter ID \* Description \*

Selection Ranges

	Option	Start	End
Planner	All		
Warehouse	All		
Project	All		
Netting Group	All		
Planned Order	All		
Part/Rev	All		
Order Date	From Beginning		

Options

Include Planned Order Type

☒ MRP  
☐ MPS

Include Planned Orders

☒ Selected Only  
☐ All  
☐ Firm  
☐ Release

Generate

☒ Purchase Requisitions Starting Requisition ID Requisitioner/Requestor Use Planner Employee  
☒ Manufacturing Orders Starting Manufacturing Order ID Requisition Approval Use Inventory Project Approval Process  
☒ Transfer Reservations Starting Reservation ID Requisition Currency USD  
☒ Substitute Part

Requirements Planning > Firm Material Requirements Planning



## Radiation Systems Inc. Substitute Part Report

Page 4 of 4  
11/10/14  
01:53 PM

Order Type	Order/Reservation	Substitute Part/Description	Substitute Rev	Order/Res Qty	Ref Line	Original Part/Description	Original Rev
Inventory Reservation	RSV-000758	2SWBOLT304L	1	5.00	12	SWBOLT304	2
		2" Socket Weld bolt 304L stainless steel				2" Socket Weld bolt 304 stainless steel Rev 2	
Inventory Reservation	RSV-000758	2SWBOLT304	1	2.00	12	SWBOLT304	2
		2" Socket Weld bolt 304 stainless steel				2" Socket Weld bolt 304 stainless steel Rev 2	

# Government Furnished Material/Equipment Purchase Order

This feature added a new Purchase Order Type to meet the needs of customers who receive materials or equipment furnished by the government. Contractors can track when these items are due to be delivered and perform incoming inspections.

Materials requirements planning can generate purchase requisitions for GFM parts and users can also create assets for tracking GFE in Fixed Assets. There is no General Ledger or Purchase Commitments impact on GFM/GFE Purchase Orders. Only assigned buyers can create GFM/GFE type PO's.

# GFM/GFE Purchase Orders

FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

Browse Applications Materials > Purchasing > Purchase Orders > Manage Purchase Orders

New Copy Delete 1 of 1 New Table Query

**Identification**

Purchase Order ID Release 0 Change Order 0 Type\* **GFM/GFE Order** Trans Currency GBP

**Header** Other Information Accounting Defaults Other Defaults Vendor Address Bill To & Return Address Blanket Info Security

Buyer\* GFMBUYER Asaka, Leslie S C.P.A. Status\* Purchase Order

Vendor\* GBPVENDOR GBP Vendor Procurement Release Order

Vendor Address Subcontract Retainage PO

Order Date\* 09/25/2015 Subcontractor Agreement

Subcontractor Agreement Blanket

Subcontractor Agreement Release

Sales Tax/VAT Total 0.00 PO Total 0.00

Create Blanket PO Release

[Link SCI/SAP Security Codes](#) [Header SOW](#) [Header Notes](#) [Header Text](#) [Header Documents](#) [PO Totals](#) [Exchange Rates](#)

PO Line*	Line Type	Status*	Item	Rev	Description	Quantity	Part Security	Misc Type	U/M	Inv Abbrev	Due Date
1	P	Open	GRA30524-BUY-29018		GRA30524-BUY-29018 Description	150	Unrestricted		EA		09/25/2015

[Link SCI/SAP Security Codes](#) [Line SOW](#) [Resources](#) [Serial/Lot](#) [Accounts](#) [Line Charges](#) [Line Text](#) [Line Documents](#) [Currency Line](#) [Proj Sub Parts](#)

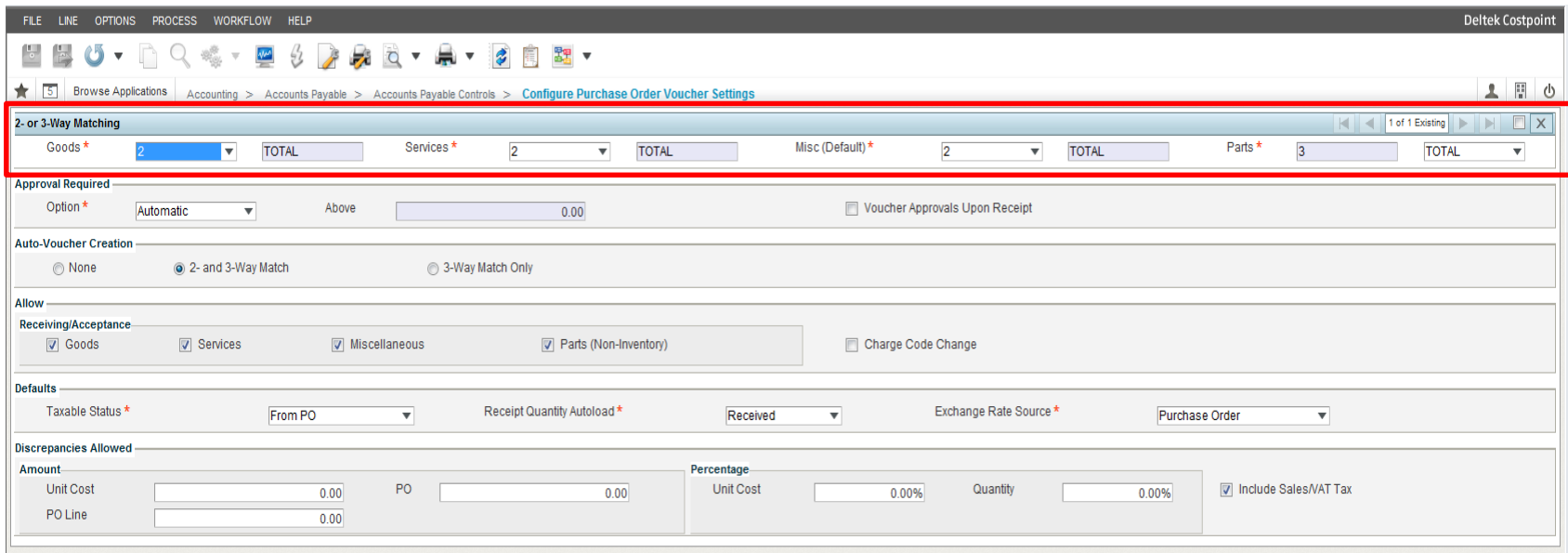
## New Purchase Order Type: GFM/GFE



# Purchase Order Match Type

This feature enables users to designate whether Goods and Services are a 2 way or 3 way match. Parts are always 3 way.

- 2 Way Match: PO and Invoice
- 3 Way Match: PO, Receipt and Invoice
- Designate match type at the PO Line Level
- Defaults still maintained in the PO Voucher Settings in AP



FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

Browse Applications Accounting > Accounts Payable > Accounts Payable Controls > Configure Purchase Order Voucher Settings

**2- or 3-Way Matching**

Goods \* 2 TOTAL Services \* 2 TOTAL Misc (Default) \* 2 TOTAL Parts \* 3 TOTAL

Approval Required

Option \* Automatic Above 0.00 ☐ Voucher Approvals Upon Receipt

Auto-Voucher Creation

☐ None ☒ 2- and 3-Way Match ☐ 3-Way Match Only

Allow

Receiving/Acceptance

☒ Goods ☒ Services ☒ Miscellaneous ☒ Parts (Non-Inventory) ☐ Charge Code Change

Defaults

Taxable Status \* From PO Receipt Quantity Autoload \* Received Exchange Rate Source \* Purchase Order

Discrepancies Allowed

Amount

Unit Cost 0.00 PO 0.00

Percentage

Unit Cost 0.00% Quantity 0.00% ☒ Include Sales/VAT Tax

# Purchase Order Voucher Approvals

Enables users to create the PO voucher approval upon receipt. A QC acceptance transaction is not needed for the creation.

The screenshot shows the 'Configure Purchase Order Voucher Settings' window in Deltek Costpoint. The window has a menu bar (FILE, LINE, OPTIONS, PROCESS, WORKFLOW, HELP) and a toolbar. The breadcrumb trail is: Accounting > Accounts Payable > Accounts Payable Controls > Configure Purchase Order Voucher Settings. The window is titled '2- or 3-Way Matching' and shows a list of 1 of 1 Existing items. The settings are as follows:

- 2- or 3-Way Matching:** Goods \* 2, Services \* 2, Misc (Default) \* 2, Parts \* 3. All are set to 'TOTAL'.
- Approval Required:** Option \* Automatic, Above 0.00. The checkbox 'Voucher Approvals Upon Receipt' is checked and highlighted with a red box.
- Auto-Voucher Creation:** None, 2- and 3-Way Match (selected), 3-Way Match Only.
- Allow:** Receiving/Acceptance: Goods, Services, Miscellaneous, Parts (Non-Inventory) are checked. Charge Code Change is unchecked.
- Defaults:** Taxable Status \* From PO, Receipt Quantity Autoload \* Received, Exchange Rate Source \* Purchase Order.
- Discrepancies Allowed:** Amount: Unit Cost 0.00, PO 0.00, PO Line 0.00. Percentage: Unit Cost 0.00%, Quantity 0.00%. Include Sales/VAT Tax is checked.

# Inventory Pegging

The Inventory Pegging feature populates the table with all BOM levels instead of just one level. When changing a component on the BOM, the ability to clone pegging info from old part/rev to the new part/rev has been added.

FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

★ Browse Applications Materials > Production Control > Production Control Controls > **Manage Inventory Abbreviation Peggings**

---

→ **Assembly Information** New Copy Delete 1 of 1 New Table Query

Part \* MM-TOP-B Rev Description top assy b  
 Inv Abbrev \* 0003F1 TEST Part Security Unrestricted

---

**MBOM Explosion Parameters**

**MBOM Levels**  
 Levels \* Indented - All Levels ☐ Show All Configurations As of Date 09/25/2015 Configuration

**Default Inventory Abbreviations**  
 Make Parts 0003F1 Buy Parts Common Stock Parts

[Select End Item Configuration](#)

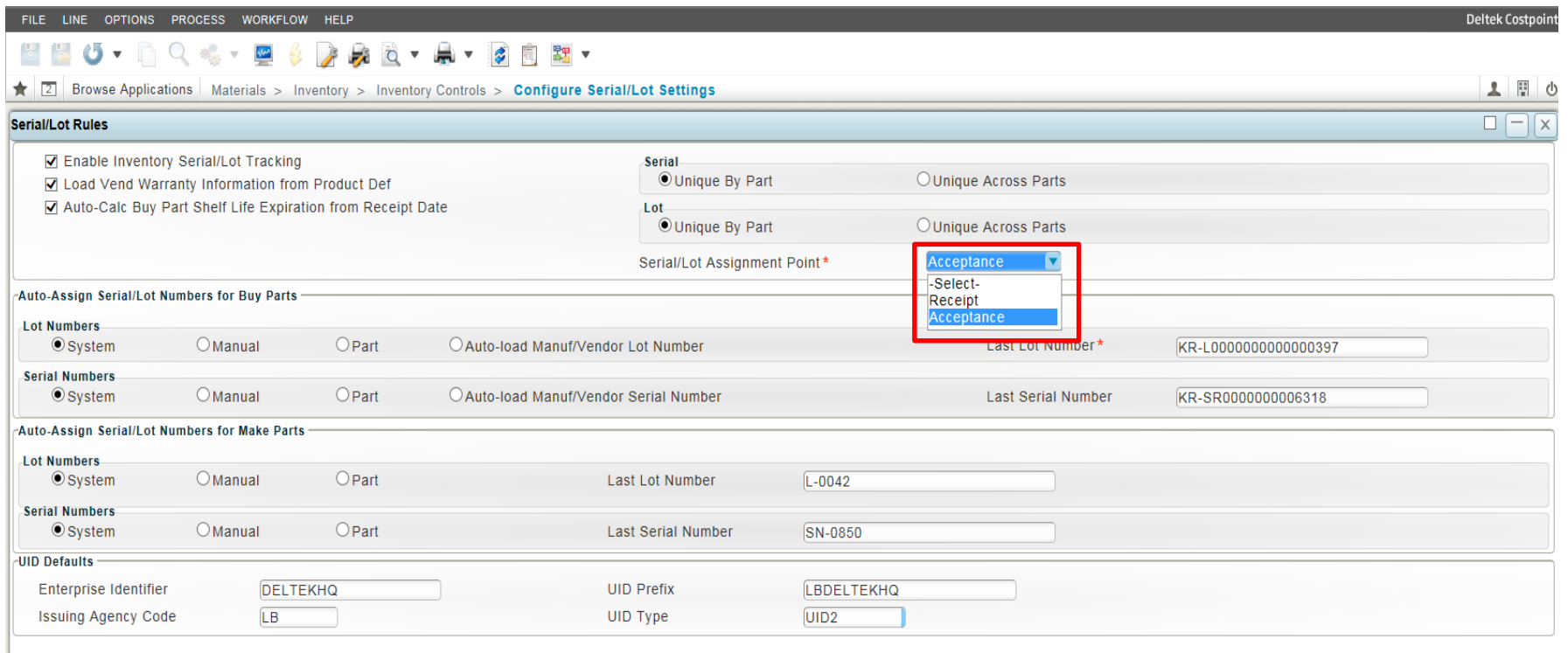
---

**Component Lines** Form Query

✓	Levels	Line	Find No	Component Part	Rev	Component Description	Part Security	Make/ Buy	Inv Abbrev *	Project	Project Name
→ 1		1 0001		MM-SUBASSY-B01	B	subassy b01 rev b	Unrestricted	Make	0003F1	0003	aa
→ 2		1 0001		MM-SUBASSY-B02		subassy b02	Unrestricted	Make	0003F1	0003	aa
→ 3		1 0001		MM-SUBASSY-B03		subassy b03	Unrestricted	Make	0003F1	0003	aa
→ 4		1 0001		MM-SUBASSY-B04		subassy b04	Unrestricted	Make	0003F1	0003	aa
→ 5		1 0001		MM-COMP-L-B01		level 5 comp 1	Unrestricted	Buy			
→ 5		2 0001		MM-COMP-L-B02		level 5 comp 2	Unrestricted	Buy			
→ 5		3 0001		MM-COMP-L-B03		level 5 comp 3	Unrestricted	Buy			
→ 5		4 0001		MM-COMP-L-B04		level 5 comp 4	Unrestricted	Buy			
→ 5		5 0001		MM-COMP-L-B05		level 5 comp 5	Unrestricted	Buy			

# Serial Lot Assignment

The Serial Lot Assignment feature adds the ability to assign serial/lot numbers to parts at the time of acceptance or receipt.



FILE LINE OPTIONS PROCESS WORKFLOW HELP Deltek Costpoint

Browse Applications Materials > Inventory > Inventory Controls > **Configure Serial/Lot Settings**

### Serial/Lot Rules

☒ Enable Inventory Serial/Lot Tracking  
☒ Load Vend Warranty Information from Product Def  
☒ Auto-Calc Buy Part Shelf Life Expiration from Receipt Date

**Serial**  
☒ Unique By Part ☐ Unique Across Parts

**Lot**  
☒ Unique By Part ☐ Unique Across Parts

Serial/Lot Assignment Point \*  
Acceptance  
-Select-  
Receipt  
Acceptance

#### Auto-Assign Serial/Lot Numbers for Buy Parts

**Lot Numbers**  
☒ System ☐ Manual ☐ Part ☐ Auto-load Manuf/Vendor Lot Number  
Last Lot Number\* KR-L0000000000000397

**Serial Numbers**  
☒ System ☐ Manual ☐ Part ☐ Auto-load Manuf/Vendor Serial Number  
Last Serial Number KR-SR000000000006318

#### Auto-Assign Serial/Lot Numbers for Make Parts

**Lot Numbers**  
☒ System ☐ Manual ☐ Part  
Last Lot Number L-0042

**Serial Numbers**  
☒ System ☐ Manual ☐ Part  
Last Serial Number SN-0850

#### UID Defaults

Enterprise Identifier DELTEKHQ UID Prefix LBDELTEKHQ  
Issuing Agency Code LB UID Type UID2

# Part/Revision/Inventory Abbreviation Expansion

This new feature has expanded the field length for Parts, Revisions and Inventory Abbreviations.

- Part: Expanded from 30 to 50 characters.
- Part Revision: Expanded from 3 to 10 characters.
- Inventory Abbreviation: Expanded from 6 to 20 characters.

The screenshot displays the 'Manage Parts' application window. The 'Identification' tab is active, showing a form for a new part. A red rectangular box highlights the 'Part ID' field, which contains the text '50CHARACTERPART10CHARACTERREV20CHAR'. The 'Rev' field contains '10CHAR'. The 'Description' field contains 'Field Expansion Test Part 093014'. Below the identification section, the 'Basic Information' section is visible, including fields for 'U/M', 'Part Type', 'Weight', 'Status', 'Make/Buy', 'Company', 'Quality' (with checkboxes for QC, Source, and Certificate of Conformance), and 'Codes' (with fields for Commodity, Industry Classification, Product Classification, National Stock No, Product Type, Mil-Spec, CAGE, UPC, Date Added, and Last ECN). The bottom of the window features a navigation bar with links to various modules like 'Units of Measure', 'U/M Conversions', 'Planning', 'Alternate Parts', 'Substitute Parts', 'Project Requirements', 'Vendors', 'Item Billings', 'Costs', 'Project Item Costs', 'Assigned Standard Text', 'Documents', 'User-Defined Info', 'Manufacturing BOM', 'Engineering BOMs', 'Maintain Routings', 'Export Control', 'Security Groups', and 'Licenses/Agreements'.

# Quantity and Unit Cost Field Increase

The Quantity and Unit Cost fields have been increased in size.

- Unit Cost: Increased from (14,4) to (25,10).
- Quantity fields: Increased from (14,4) to (22,8)

FILE LINE OPTIONS PROCESS WORKFLOW HELP

Browse Applications Materials > Purchasing > Purchase Orders > Manage Purchase Orders

New Copy Delete 2 of 209 Existing

**Identification**

Purchase Order ID MKA-0923-1 Release 0 Change Order 0 Type\* Purchase Order

**Header** Other Information Accounting Defaults Other Defaults Vendor Address Bill To & Return Address Blanket Info Security Requirements

Buyer\* MASTER Jackson, Alan Status\* System Closed

Vendor\* MASTER Master Supply Company Va Procurement Type

Vendor Address MASTER

Order Date\* 09/23/2015

Load Part/Rev ID

Sales Tax/VAT Total 0.00 PO Total 3,046,121.42

<a href="#">Link SCI/SAP Security Codes</a> <a href="#">Header SOW</a> <a href="#">Header Notes</a> <a href="#">Header Text</a> <a href="#">He</a>											
PO Line*	Line Type	Status*	Item	Description	Rev	Quantity	Gross Unit Cost	Part Security	Misc Type	U/M	Inv Abbr
1	P	System Closed	MKA-P0901-1	test		1,234.12345678	1,234.12345678	Unrestricted		OZ	51501
2	P	System Closed	MKA-P0902-1	test		1,234.12345678	1,234.12345678	Unrestricted		EA	51501

[Link SCI/SAP Security Codes](#) [Line SOW](#) [Resources](#) [Serial/Lot](#) [Accounts](#) [Line Charges](#) [Line Text](#) [Lin](#)

# Bill of Materials Expansion

The Bill of Materials supported levels have been increased from 25 to 99 to meet the needs of customers with extensive BOM's.

★ 3 Browse Applications Materials > Bills of Material > Bills of Material Reports/Inquiries > View Bills of Material

**Assembly**  
Part\* PHIL567890123456789012345678901234567890 Rev 1234567890 Lookup Type Standard  
phil max part

**Configuration Identifiers**  
☐ Show All Configurations As-of Date 10/04/2013 Configuration

**BOM Level**  
BOM Levels\* All Levels  
☒ Explode Lowest Level Phantoms

**BOM Type**  
☒ Manufacturing ☐ Engineering

Select End Item Configuration

**Component Lines** Form Query

Level	Line No	Find No	Component Part	Comp Rev	Component Description	Component Type	Quantity Type	Quantity Per	Cumulative Quantity Per	Cumulative Quantity with Scrap/Yield	Inv U/M	BOM Make/Buy	Effective Starting Date	Effective Ending Date	Configuration
23	1	0001	PHILASY23		phil assembly 23	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
24	1	0001	PHILASY24		phil assembly 24	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
25	1	0001	PHILASY25		phil assembly 25	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
26	1	0001	PHILASY26		phil assembly 26	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
27	1	0001	PHILASY27		phil assembly 27	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
28	1	0001	PHILASY28		phil assembly 28	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
29	1	0001	PHILASY29		phil assembly 29	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/23/2013		
30	1	0001	PHILASY30		phil assembly 30	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/30/2013		
31	1	0001	PHILASY31		phil assembly 31	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/30/2013		
32	1	0001	PHILASY32		phil assembly 32	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/30/2013		
33	1	0001	PHILASY33		phil assembly 33	Standard	Per Assembly	1.0000	1.0000	1.0000	EA	Make	04/30/2013		

Assembly Information Assembly Documents Component Documents Line Text Component Alternate Parts Component Substitute Parts

# User-Defined Fields

Additional user definable fields have been added to serial/lot table increasing the quantity from 5 to 15 fields for better tracking and identifying markers.

The image shows two screenshots of a software interface. The top screenshot is the 'Manage Serial/Lot User-Defined Labels' window, which displays a list of 15 user-defined labels. The bottom screenshot is the 'Serial/Lot Info' window, which shows the details for a specific serial number, including the user-defined fields.

**Manage Serial/Lot User-Defined Labels**

Label	Field Name	Date Field
Label 1	1 - Notes	<input type="checkbox"/>
Label 2	2 - Instruction	<input type="checkbox"/>
Label 3	3 - Warranty #	<input type="checkbox"/>
Label 4	4 - Warranty	<input type="checkbox"/>
Label 5	5 - Mfg Part #	<input type="checkbox"/>
Label 6	6 - Mfg Sub	<input type="checkbox"/>
Label 7	7 - Design Doc	<input type="checkbox"/>
Label 8	8 - Notes Date	<input checked="" type="checkbox"/>
Label 9	9 - Warr Date	<input checked="" type="checkbox"/>
Label 10	10 - Descrip	<input type="checkbox"/>
Label 11	11 - Usage	<input type="checkbox"/>
Label 12	12 - Disposal	<input type="checkbox"/>
Label 13	13 - Return	<input type="checkbox"/>
Label 14	14 - Replace	<input type="checkbox"/>
Label 15	15 - Other	<input type="checkbox"/>

**Serial/Lot Info**

Line: 1  
Part: 05142014-S  
Rev:   
Serial:   
U/M: EA  
Part Security: Unrestricted

**Serial/Lot Info**

Field Name	Value
1 - Notes	SPECIAL PRODUCT
2 - Instruction	
3 - Warranty #	1453793085
4 - Warranty	
5 - Mfg Part #	4783-902328-957998-89
6 - Mfg Sub	4388-893897-843948-89
7 - Design Doc	15
8 - Notes Date	09/30/2014
9 - Warr Date	09/30/2014
10 - Descrip	
11 - Usage	
12 - Disposal	
13 - Return	
14 - Replace	
15 - Other	