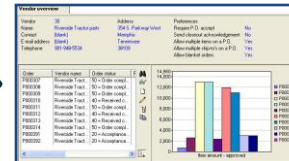
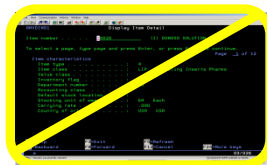




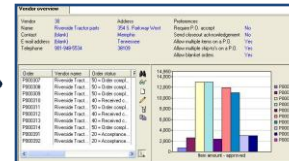
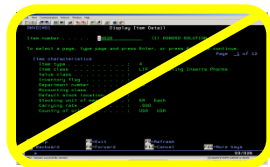
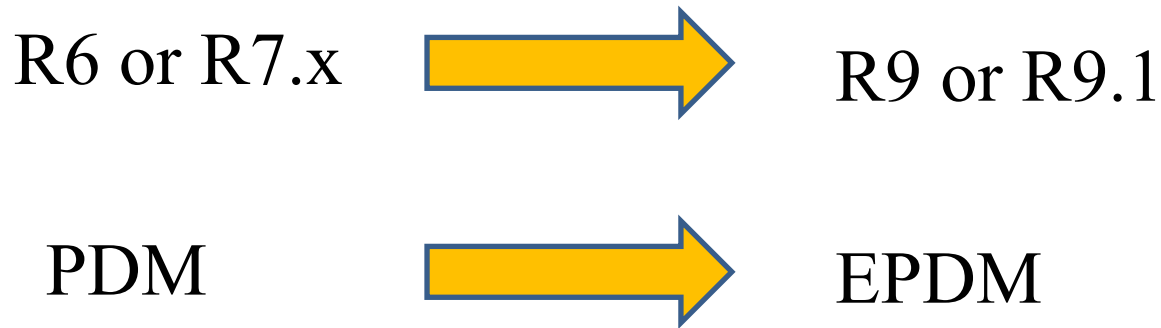
Implementation Status in R9 (EPDM)

David Kemp

david.kemp@cistech.net

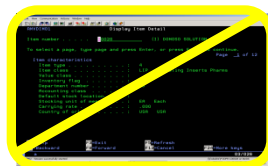


To Enable Implementation Status

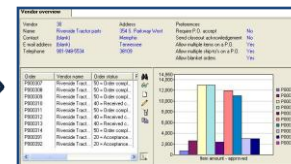


Implementation Status

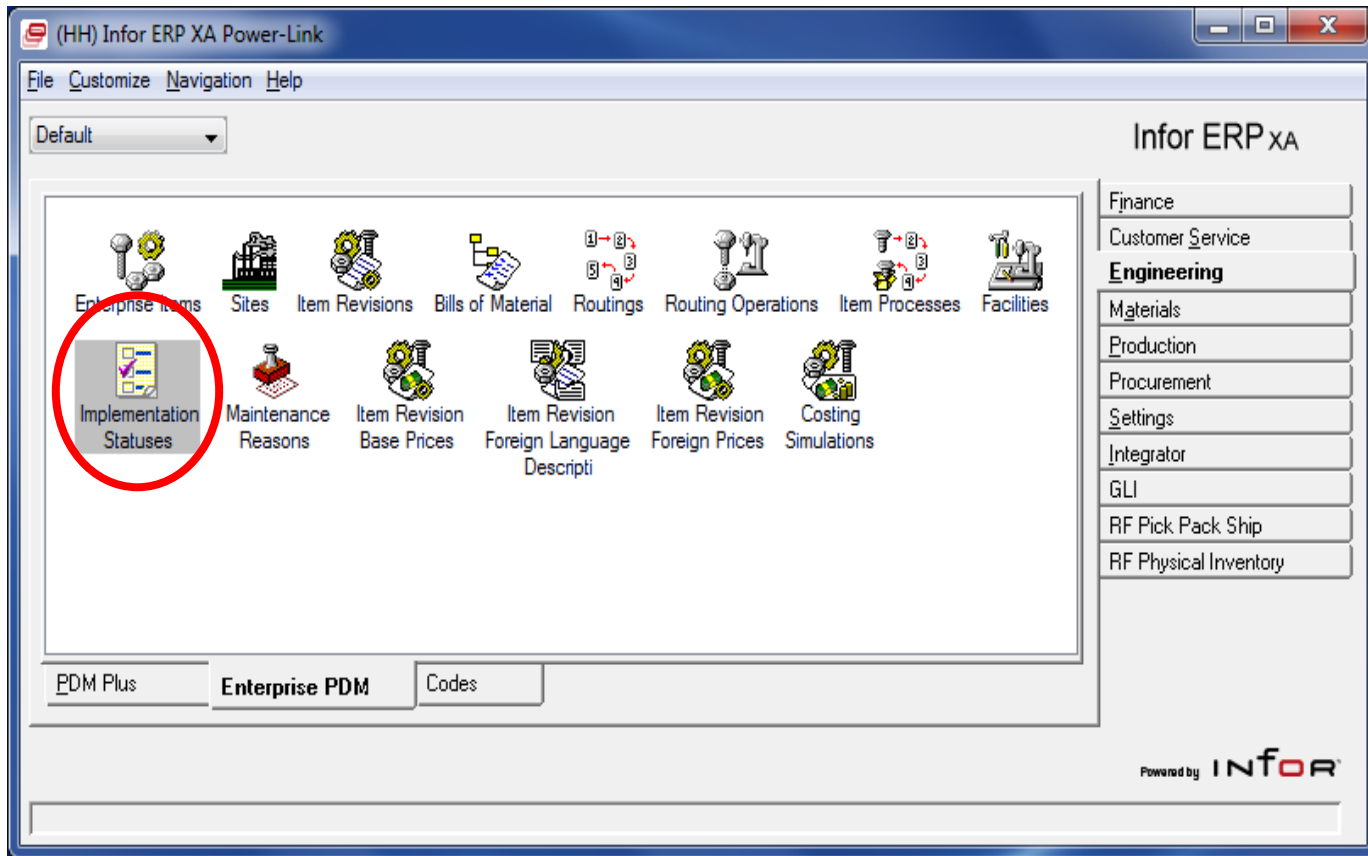
- With Release 9, every Item Revision **must** have an implementation status.
- Each Implementation Status has a set of status codes that determine how XA processes information for the Item Revision.
- An Implementation Status can be assigned to more than one Item Revision (just like Item Type, Item Class, Item Accounting Class, etc.)



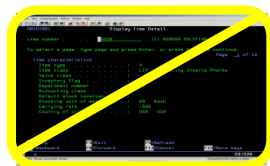
Moving Forward with XA



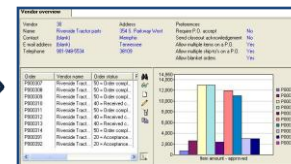
Implementation Status Object



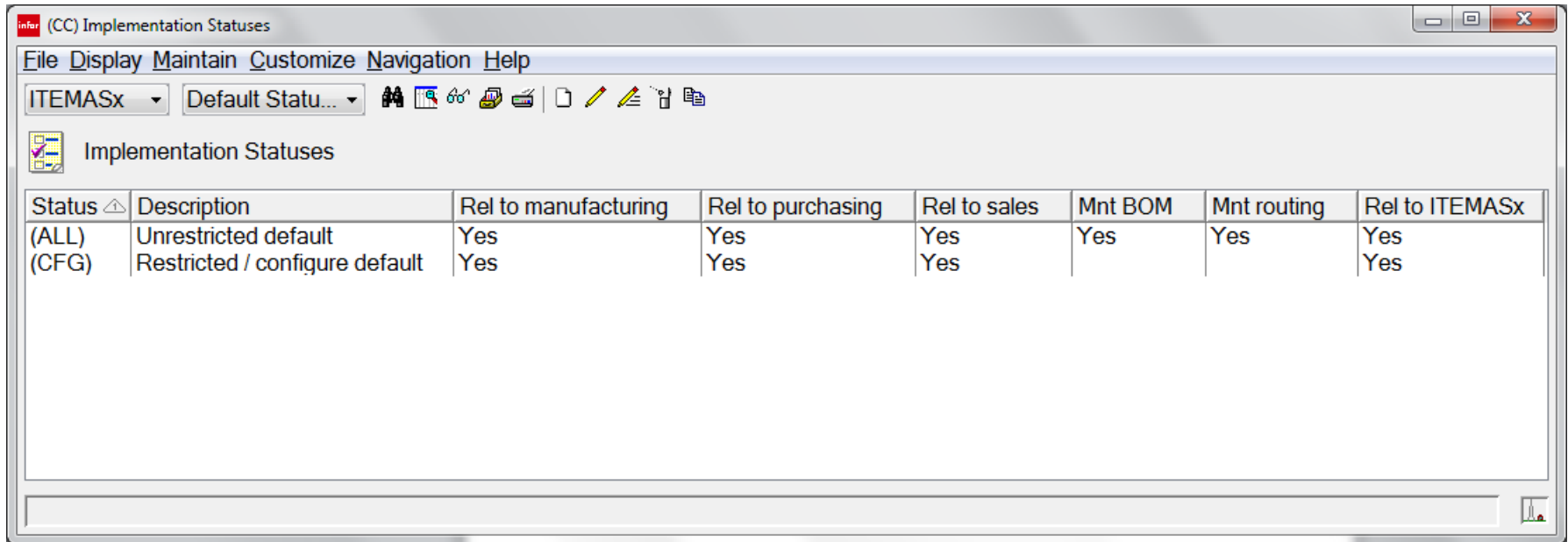
Object icon can be placed on any card



Moving Forward with XA

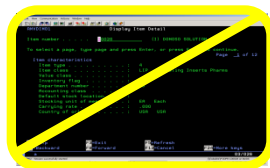


Default Implementation Statuses

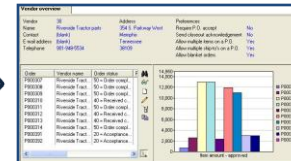


Status	Description	Rel to manufacturing	Rel to purchasing	Rel to sales	Mnt BOM	Mnt routing	Rel to ITEMASx
(ALL)	Unrestricted default	Yes	Yes	Yes	Yes	Yes	Yes
(CFG)	Restricted / configure default	Yes	Yes	Yes			Yes

Six Status Codes for each Implementation Status



Moving Forward with XA

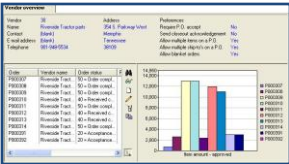
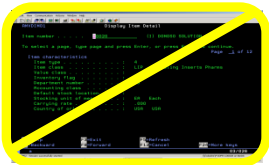


Create additional Implementation Status



Status	Description	Rel to manufacturing	Rel to purchasing	Rel to sales	Mnt BOM	Mnt routing	Rel to ITEMASx
(ALL)	Unrestricted default	Yes	Yes	Yes	Yes	Yes	Yes
(CFG)	Restricted / configure default	Yes	Yes	Yes			Yes
FAI	first article inspection	Yes	Yes	Yes			
PURH	purchase hold	Yes		Yes	Yes	Yes	Yes
RE	Released to engineering				Yes	Yes	
RELIM	Release to Item master						Yes

User Defined Implementation Statuses to fit Your Business Process



Status Codes

Release to Manufacturing

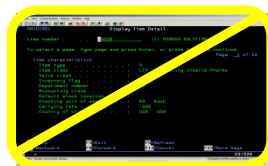
Used in IM, MRP, & MPSP to determine if a manufacturing order can be released

Release to Purchasing

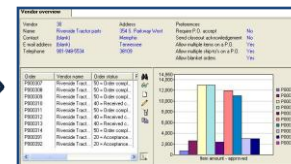
Used in PM to determine if a Requisition or Purchase Order can be released

Release to Sales

Used in CSM to determine if a Customer Order can be created for the Item Revision



Moving Forward with XA



Status Codes

Maintain Bill-of-Material

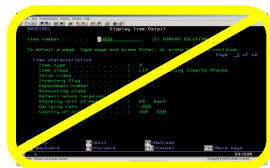
Used in EPDM to determine if the BOM of an Item Revision can be changed

Maintain Routing

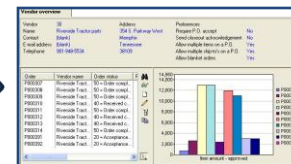
Used in EPDM to determine if the Routing of an Item Revision can be changed

Release to Legacy Item Master

Determines whether the Item Revision information updates the old Item Master files. This update is not required for R9 as IM, PM, OBPM now use the current Item Revision

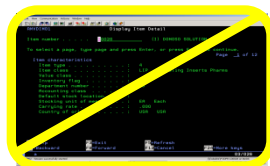


Moving Forward with XA

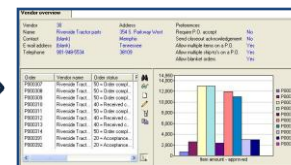


Maintain Routing Status Code

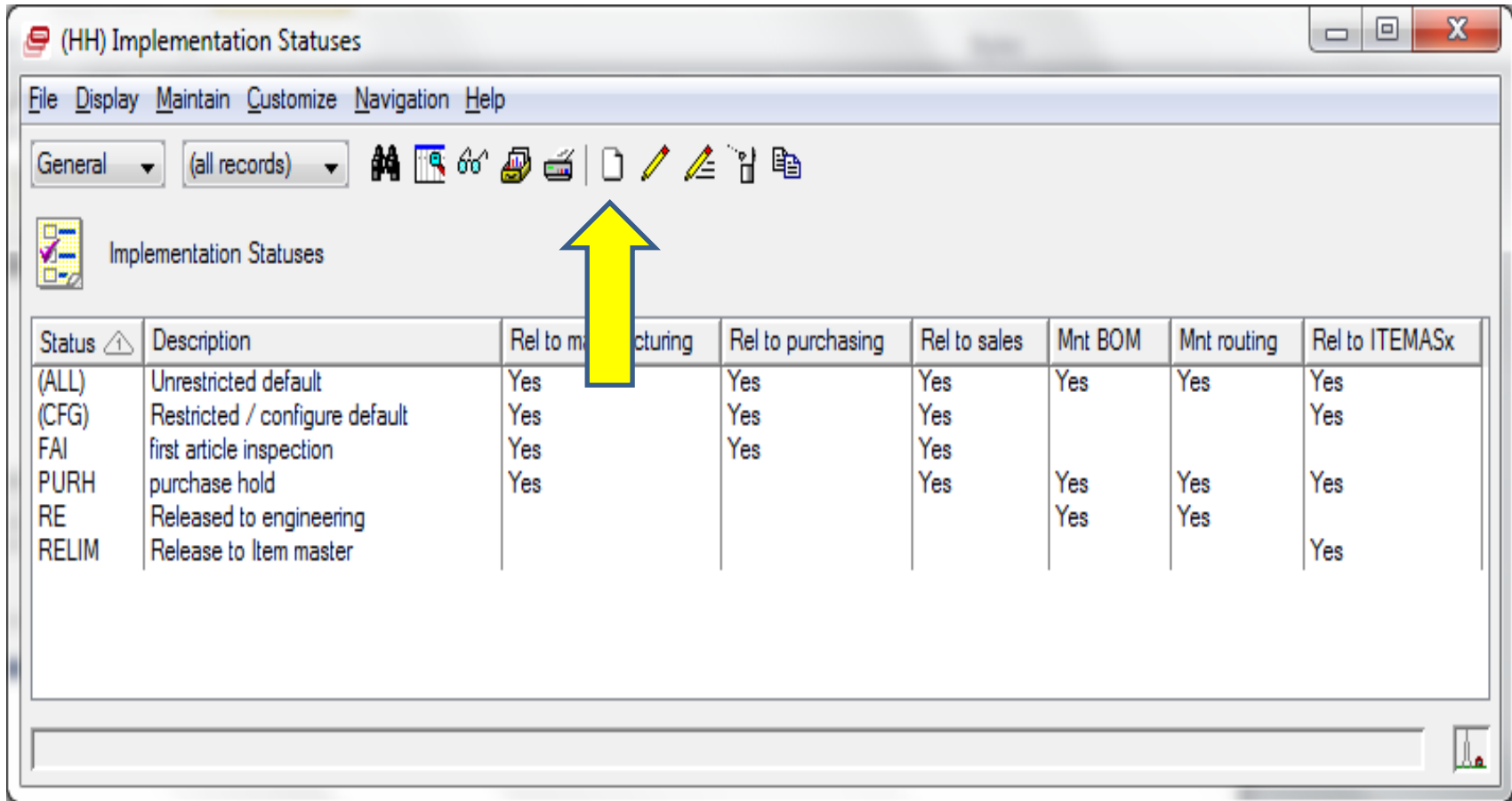
- If the routing is not associated with an Item Revision, then the maintain routing status code does not apply
- If the routing is associated with just one Item Revision, then the Routing can be maintained only if the status is Yes
- If the routing is associated with multiple Item Revisions, then the Routing cannot be maintained if any one Item Revision has the status of No
- The Maintain Routing value also controls whether the Routing ID in the Item Process (EPDM) can be maintained



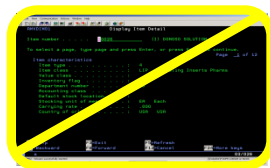
Moving Forward with XA



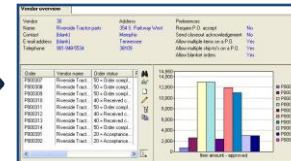
Create New Implementation Status



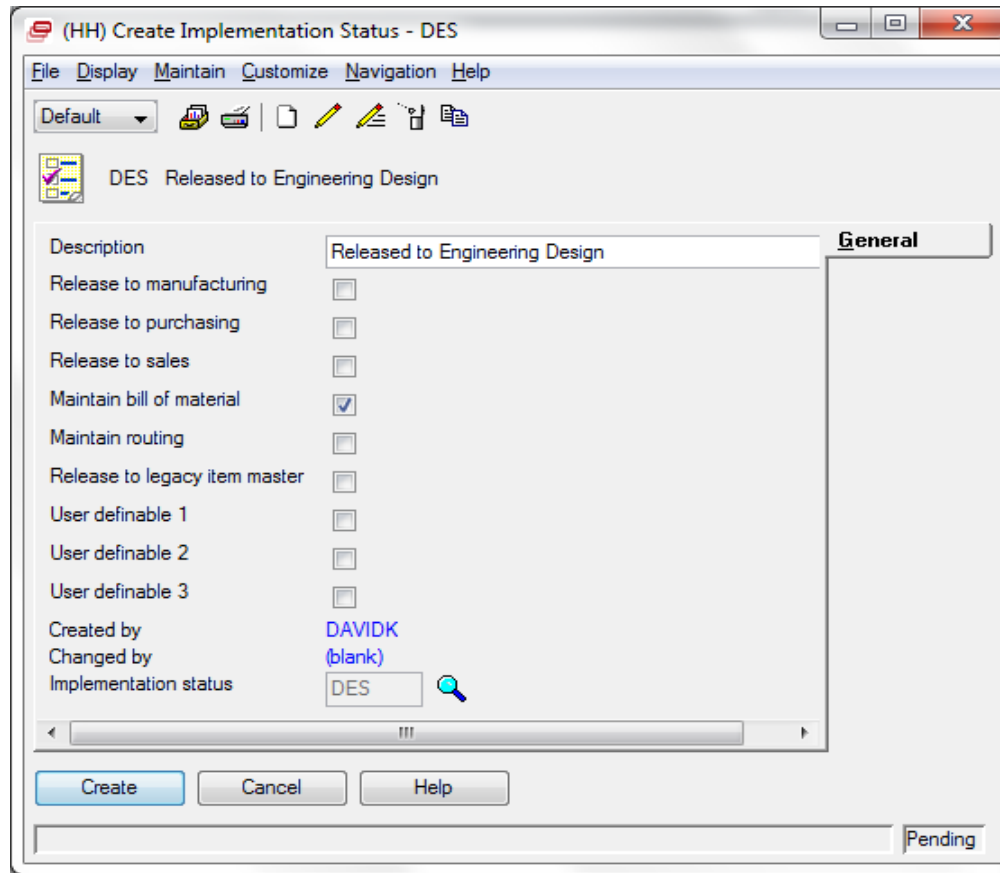
Click on Create (blank Sheet) icon



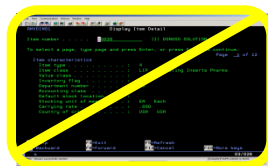
Moving Forward with XA



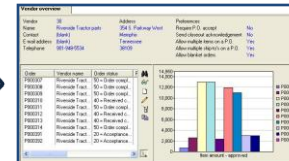
Create New Implementation Status



Note: Only Maintain BOM is checked



Moving Forward with XA



Create New Implementation Status

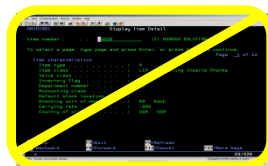
(HH) Implementation Statuses

File Display Maintain Customize Navigation Help

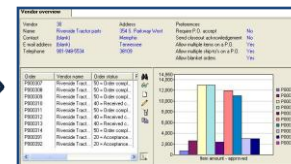
General (all records)

Implementation Statuses

Status ▲	Description	Rel to manufacturing	Rel to purchasing	Rel to sales	Mnt BOM	Mnt routing	Rel to ITEMASx
(ALL)	Unrestricted default	Yes	Yes	Yes	Yes	Yes	Yes
(CFG)	Restricted / configure default	Yes	Yes	Yes			Yes
DES	Released to Engineering Design				Yes		
FAI	first article inspection	Yes	Yes	Yes			
PURH	purchase hold	Yes		Yes	Yes	Yes	Yes
RE	Released to engineering				Yes	Yes	
RELIM	Release to Item master						Yes

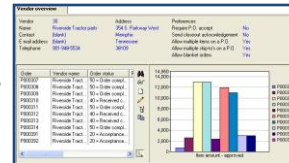
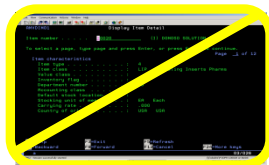


Moving Forward with XA

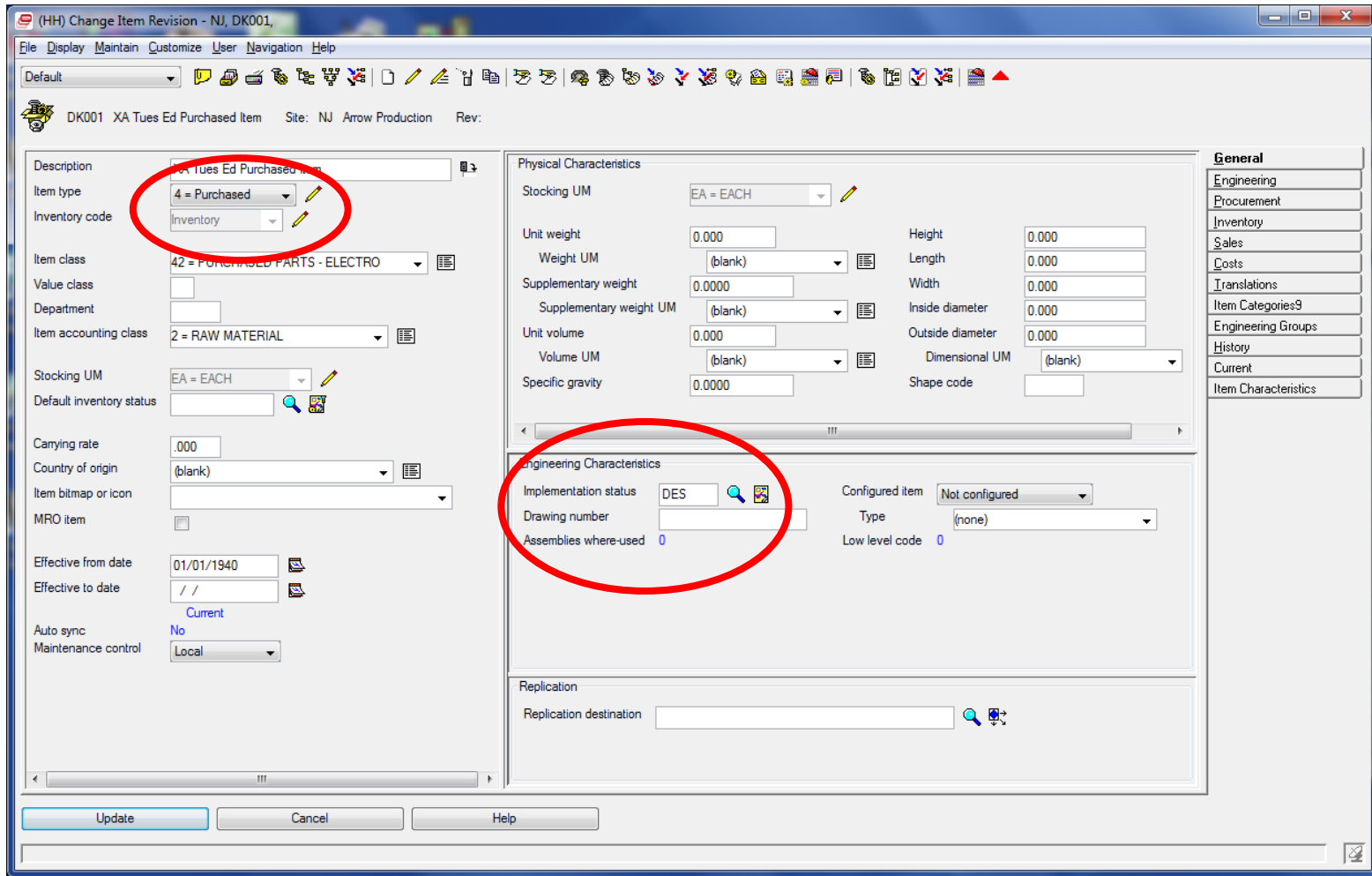


Create New Item Revision

Item	Description	Site	Revision	From	To	Rel	Class	I/T	Drawing number
DN1900	ET150 FRAME ROSE	TW		01/01/1940		Yes	40	4	
DN1901	ET150 FRAME	ML		01/01/1940		Yes	00	2	
DN1901A	ET150 FRAME/COVER ASSY							2	
DN1901PL	ET150 FRAME ANODIZED							2	
DN1902	ET150 EXTRUSION FRAME 136" LG							4	
DN1903	ET150 CAP							4	
DN1903A	ET150 COIL/HOUSING ASSY							2	
DN1904A	ET150 CHANNEL ASSY							2	
DN1904APL	ET150 CHANNEL ASSY PL							2	
DN1905	ET150 CHANNEL LEFT/RIGHT							2	
DN1905A	ET150 SLIDE ASSY							2	
DN1905M	ET155 CHANNEL LEFT/RIGHT							2	
DN1905MA	ET155 SLIDE ASSY							2	
DN1906	ET150 PUSHER							2	
DN1906A	ET155 PUSHER ASSY							2	
DN1906M	ET155 PUSHER							2	
DN1906MPL	ET155 PUSHER PLO							2	
DN1906PL	ET150 PUSHER PLO							2	
DN1907	ET150 PUSHER BRACKET							2	
DN1907A	ET150 PUSHER BRK ASSY							2	
DN1907M	ET155 PUSHER BRACKET							2	
DN1907MHT	ET155 PUSHER BRACKET HTO							2	
DN1907MPL	ET155 PUSHER BRACKET PLO							2	
DN1907PL	ET150 PUSHER BRACKET PLO							2	
DN1908	ET150 PUSHER ROD							4	
DN1908A	ET150 PUSHER BKT ROD ASSY							2	
DN1908PL	ET150 PUSHER ROD PLO							2	
DN1909	ET150 STOP BRACKET							2	
DN1909HT	ET150 STOP BRACKET HTO							2	
DN1909PL	ET150 STOP BRACKET PLO							2	
DN1910	ET150 INSIDE COVER							4	

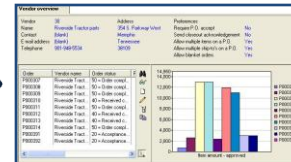
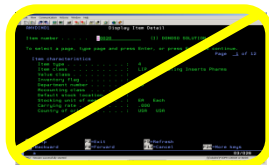


Create New Purchased Item Revision

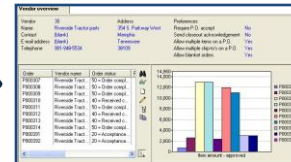
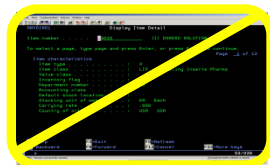
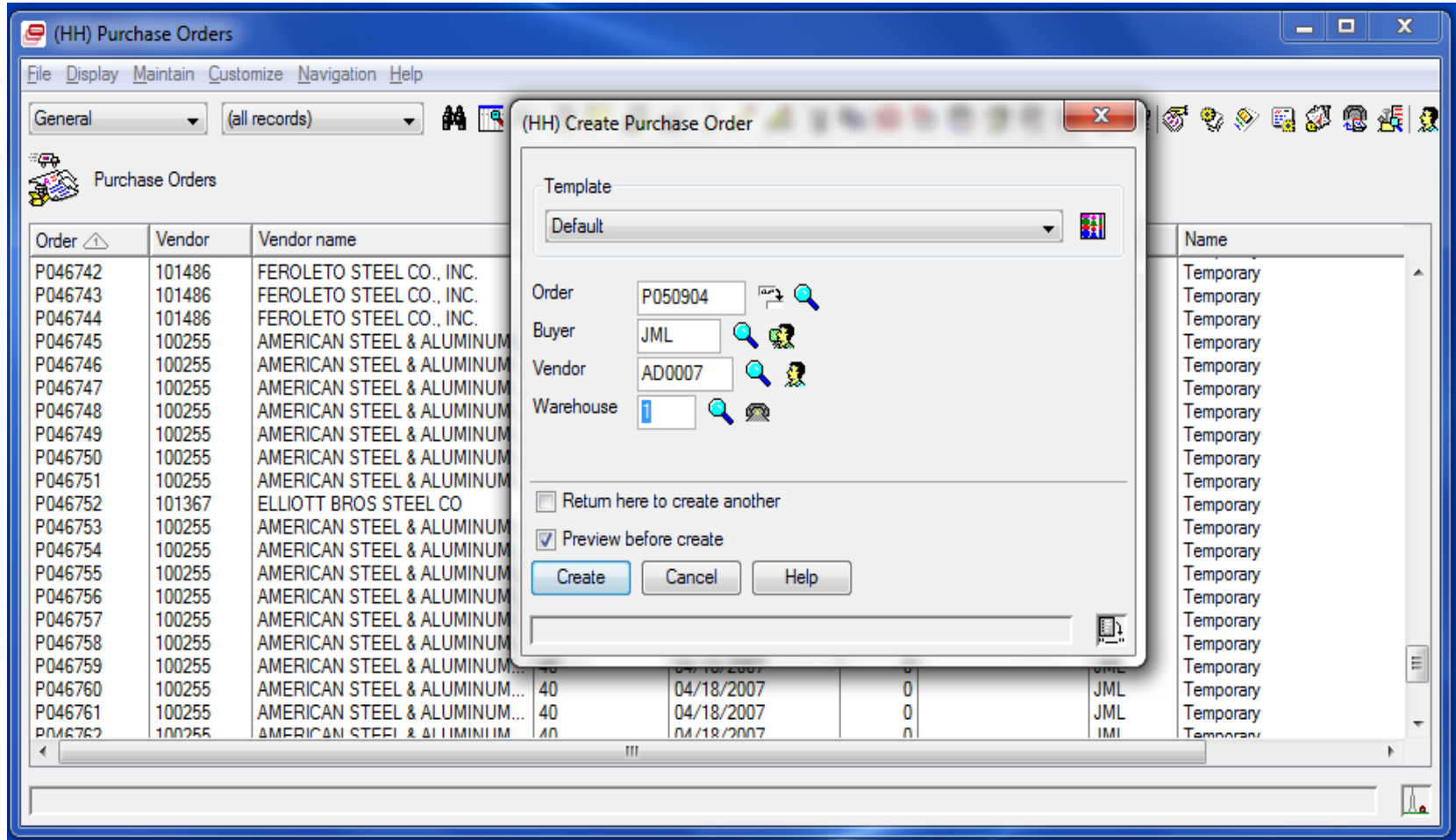


The screenshot shows the 'Change Item Revision' window for item 'DK001'. The 'Item type' is set to '4 = Purchased' and the 'Inventory code' is 'Inventory', both highlighted with a red circle. The 'Physical Characteristics' section shows 'Stocking UM' as 'EA = EACH'. The 'Engineering Characteristics' section shows 'Implementation status' as 'DES', also highlighted with a red circle. The 'General' section on the right lists various categories like Engineering, Procurement, and Inventory.

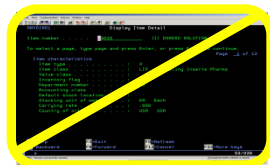
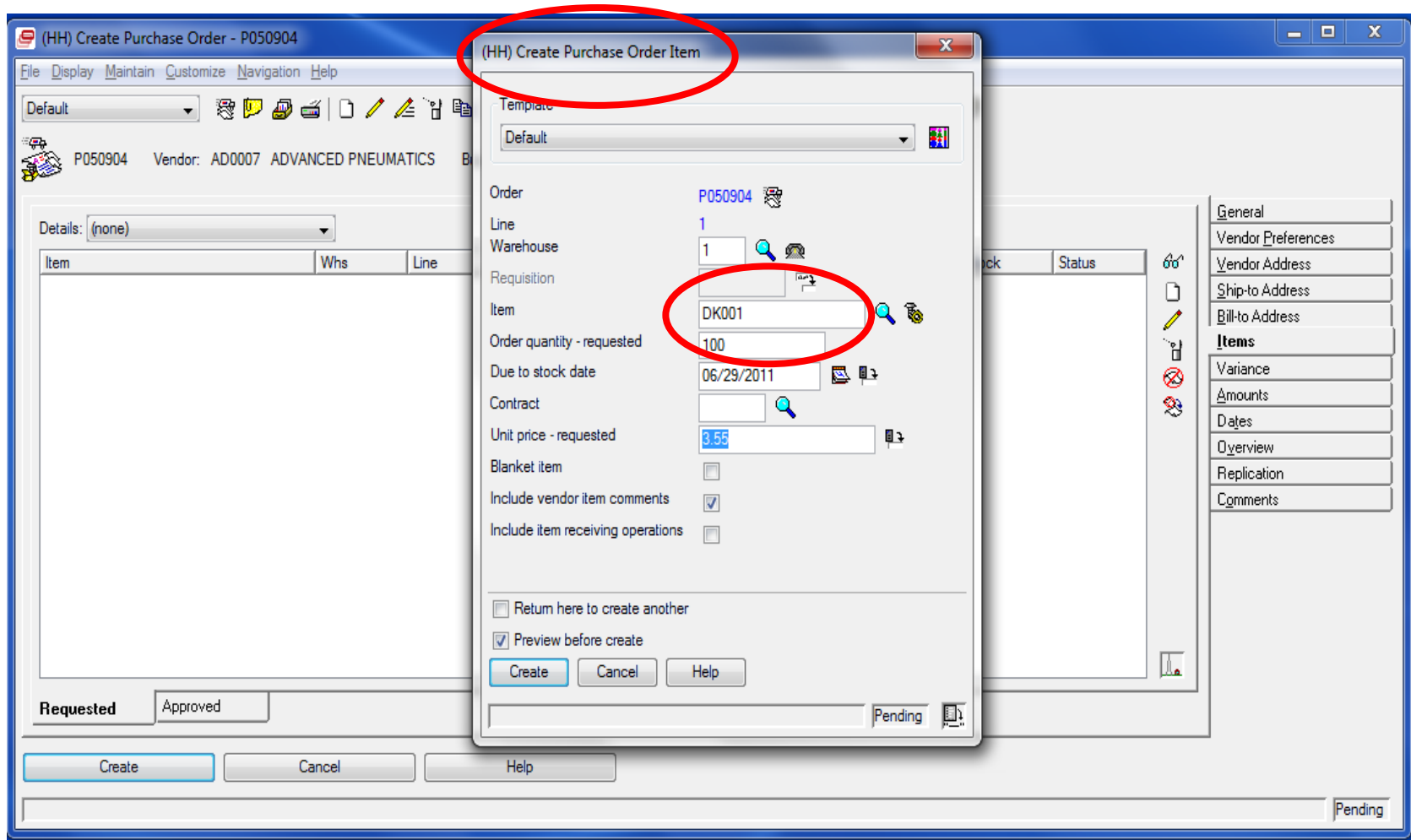
Field	Value
Description	DK001 XA Tues Ed Purchased Item
Item type	4 = Purchased
Inventory code	Inventory
Item class	42 = PURCHASED PARTS - ELECTRO
Value class	
Department	
Item accounting class	2 = RAW MATERIAL
Stocking UM	EA = EACH
Default inventory status	
Carrying rate	.000
Country of origin	(blank)
Item bitmap or icon	
MRO item	<input type="checkbox"/>
Effective from date	01/01/1940
Effective to date	/ /
Auto sync	No
Maintenance control	Local
Physical Characteristics - Stocking UM	EA = EACH
Unit weight	0.000
Weight UM	(blank)
Supplementary weight	0.0000
Supplementary weight UM	(blank)
Unit volume	0.000
Volume UM	(blank)
Specific gravity	0.0000
Height	0.000
Length	0.000
Width	0.000
Inside diameter	0.000
Outside diameter	0.000
Dimensional UM	(blank)
Shape code	
Engineering Characteristics - Implementation status	DES
Configured item	Not configured
Type	(none)
Low level code	0
Assemblies where-used	0
Replication destination	



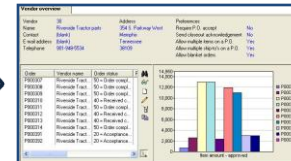
Create PO Not Allowed



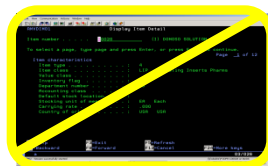
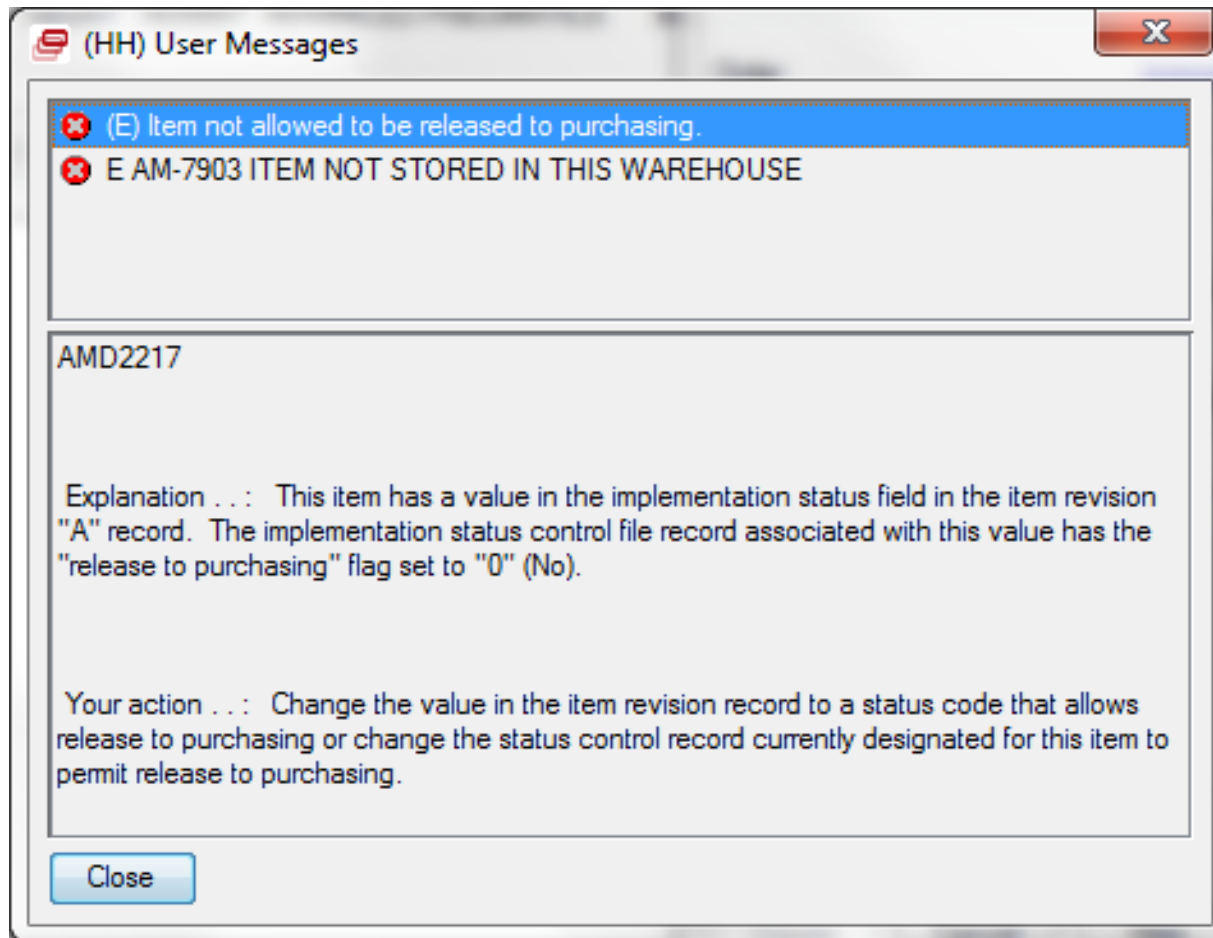
Create PO Not Allowed



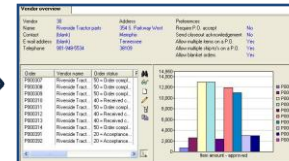
Moving Forward with XA



Create PO Not Allowed



Moving Forward with XA



Create New Item Revision

(HH) Create Item Revision - NJ, DK002

File Display Maintain Customize User Navigation Help

Default

DK002 XA Tues Ed Manufactured Item Site: NJ Arrow Production Rev:

Description: XA Tues Ed Manufactured Item

Item type: 1 = Assembly

Inventory code: Inventory

Item class: (blank)

Value class: []

Department: []

Item accounting class: 1 = FINISHED GOODS

Stocking UM: EA = EACH

Default inventory status: []

Carrying rate: .000

Country of origin: (blank)

Item bitmap or icon: []

MRO item: []

Effective from date: 01/01/1940

Effective to date: / /

Auto sync: No

Maintenance control: Local

Physical Characteristics

Stocking UM: EA = EACH

Unit weight: 0.000

Weight UM: (blank)

Supplementary weight: 0.0000

Supplementary weight UM: (blank)

Unit volume: 0.000

Volume UM: (blank)

Specific gravity: 0.0000

Height: 0.000

Length: 0.000

Width: 0.000

Inside diameter: 0.000

Outside diameter: 0.000

Dimensional UM: (blank)

Shape code: []

Engineering Characteristics

Implementation status: DES

Drawing number: []

Assemblies used: 0

Configured item: Not configured

Type: (none)

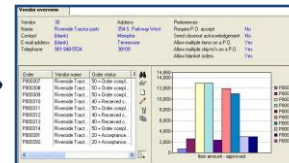
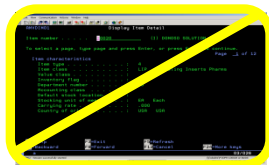
Low level code: 0

Replication

Replication destination: []

Buttons: Create, Cancel, Help

Pending



Create MO Not Allowed

The screenshot displays the 'Manufacturing Orders' application window. A modal dialog titled '(HH) Create Manufacturing Order' is open. The dialog contains the following fields and options:

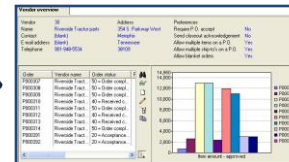
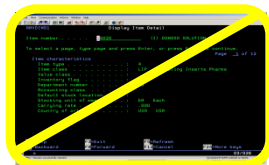
- Template: Default
- Order: M223440
- Warehouse: 1
- Item: DK002
- Item revision: (current)
- Standard in quantity: 100
- Total order quantity: 100
- Scheduled start date: 06/28/2011
- Due date: 06/29/2011

Options section:

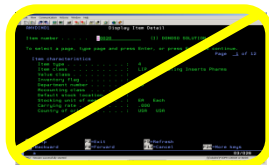
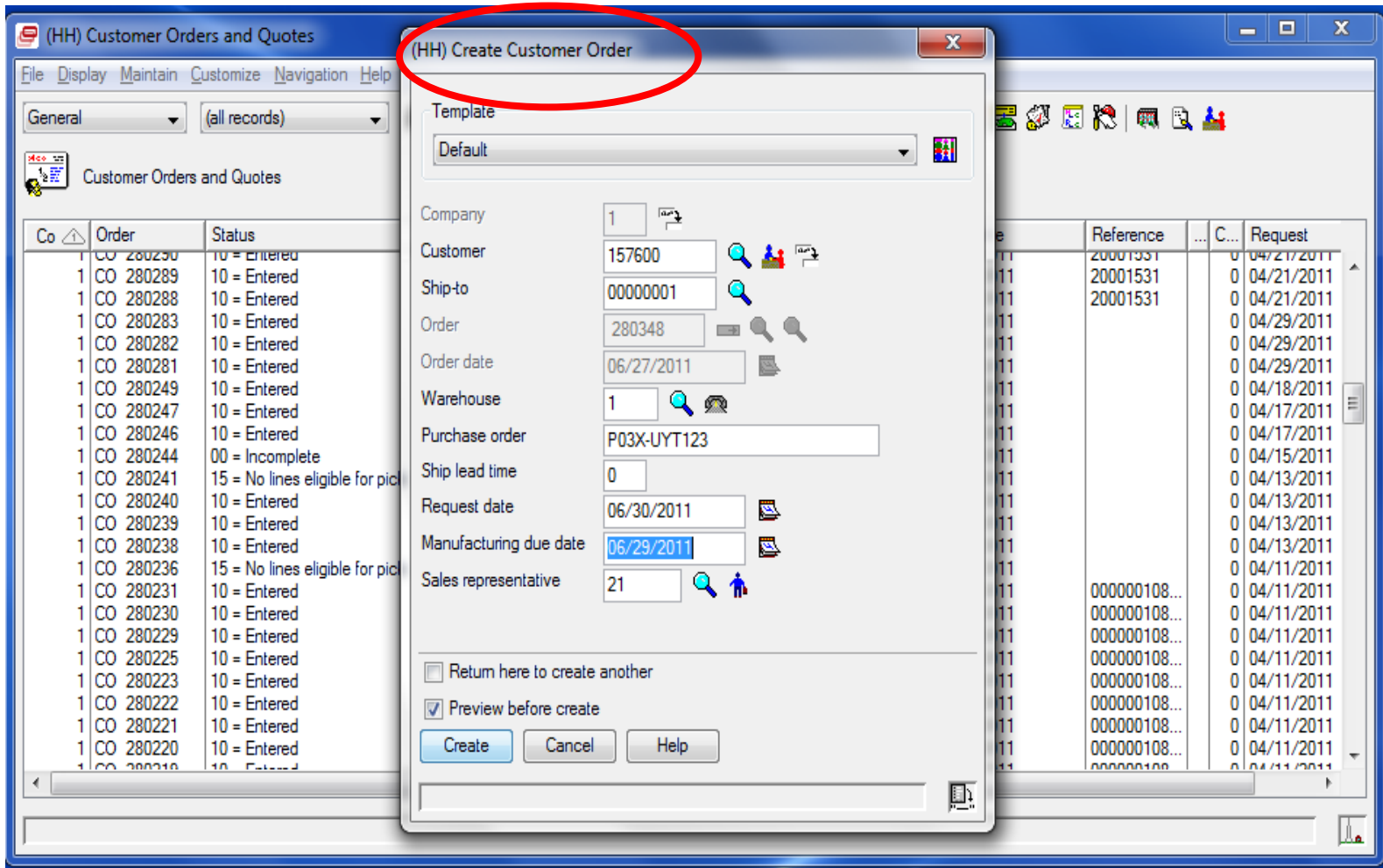
- Include primary BOM
- Include primary routing
- Create M.O.s for configured components
- Print shop packet at M.O. release
- Return here to create another
- Preview before create

Buttons: Create, Cancel, Help

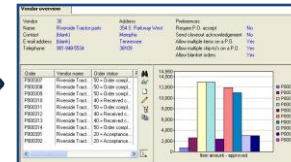
The background table shows a list of manufacturing orders with columns for Planner, Order, I/T, Item, Description, Order quantity, Due date, and Dept.



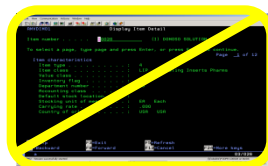
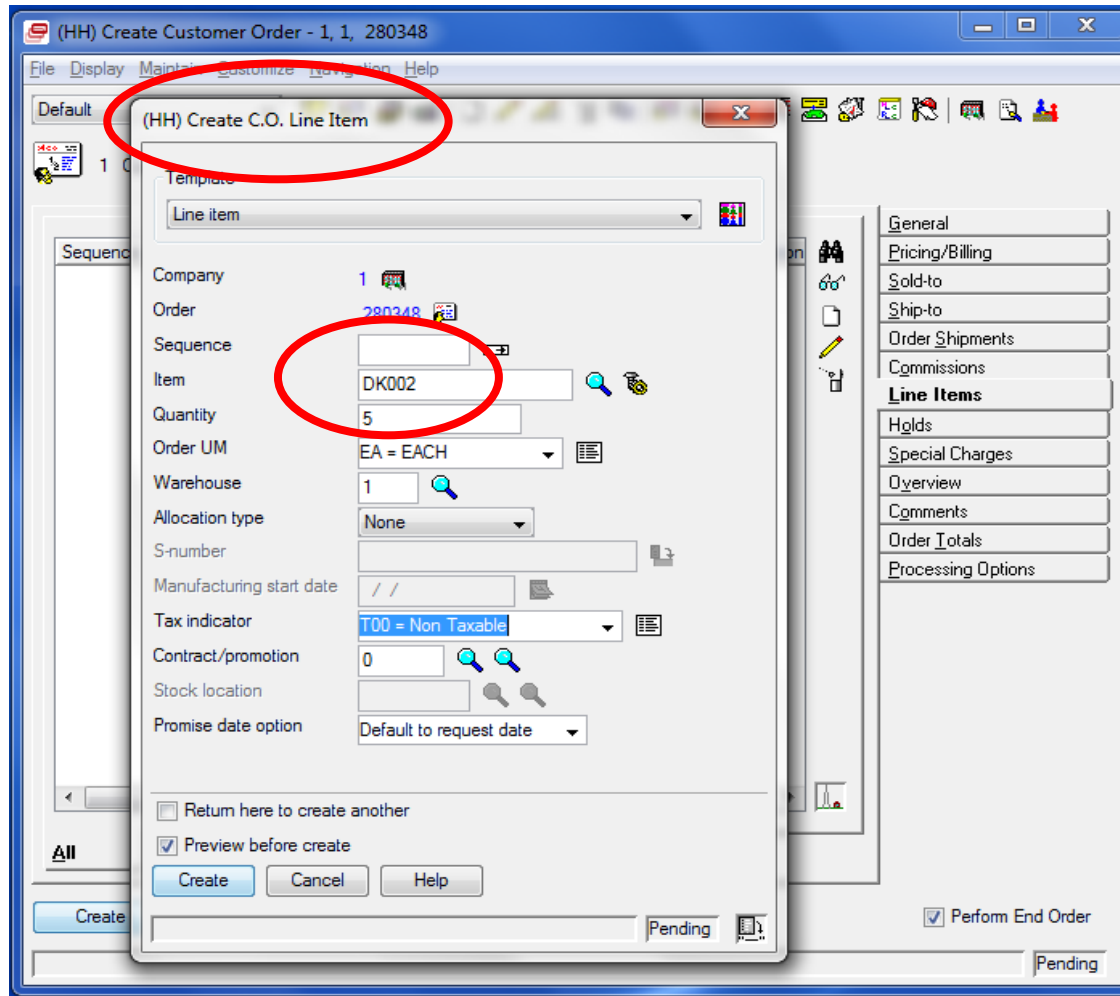
Create CO Not Allowed



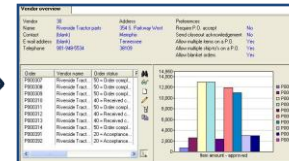
Moving Forward with XA



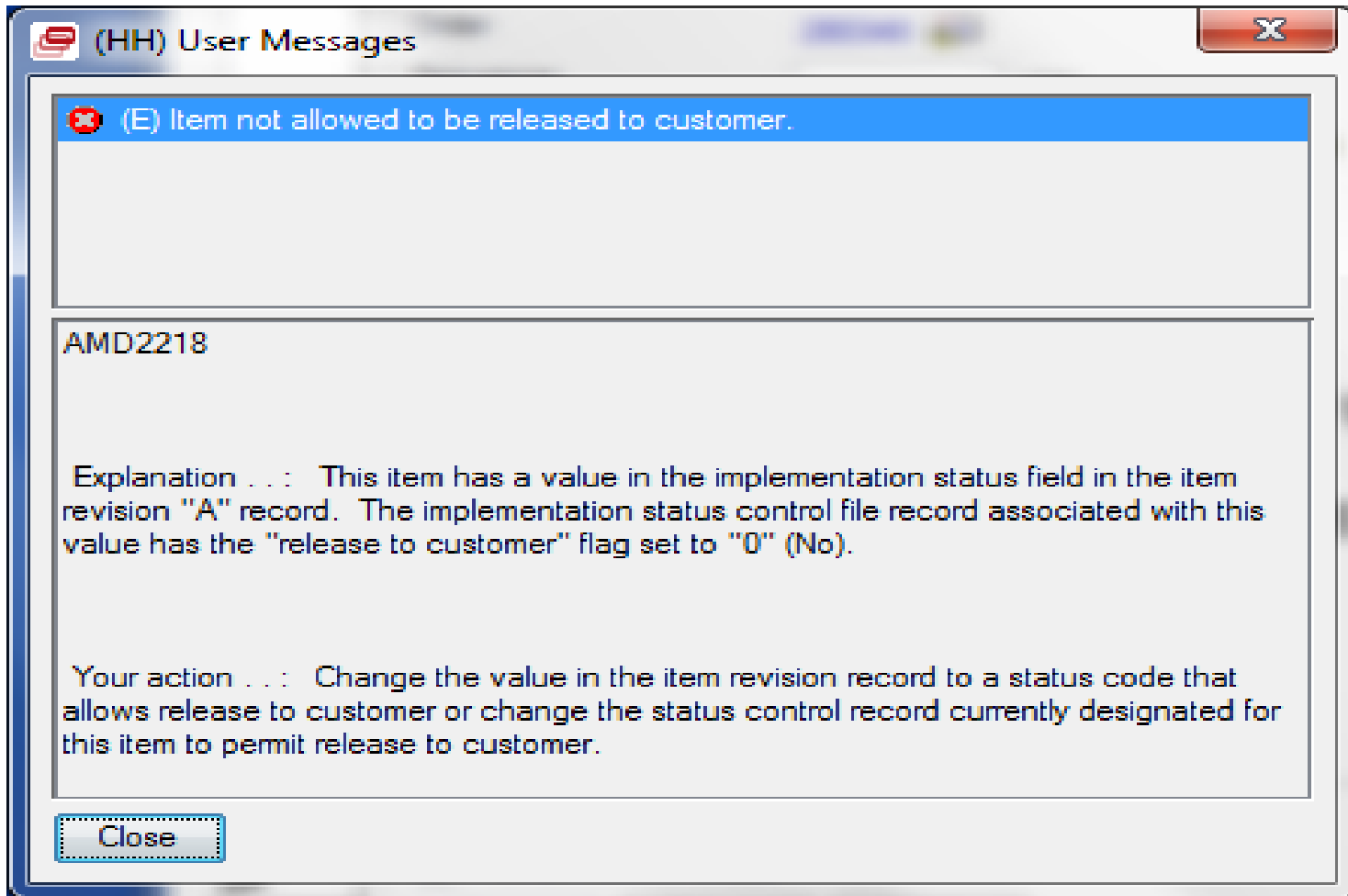
Create CO Not Allowed



Moving Forward with XA



Create CO Not Allowed



(HH) User Messages

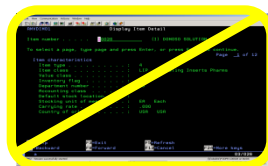
(E) Item not allowed to be released to customer.

AMD2218

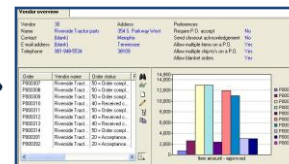
Explanation . . . : This item has a value in the implementation status field in the item revision "A" record. The implementation status control file record associated with this value has the "release to customer" flag set to "0" (No).

Your action . . . : Change the value in the item revision record to a status code that allows release to customer or change the status control record currently designated for this item to permit release to customer.

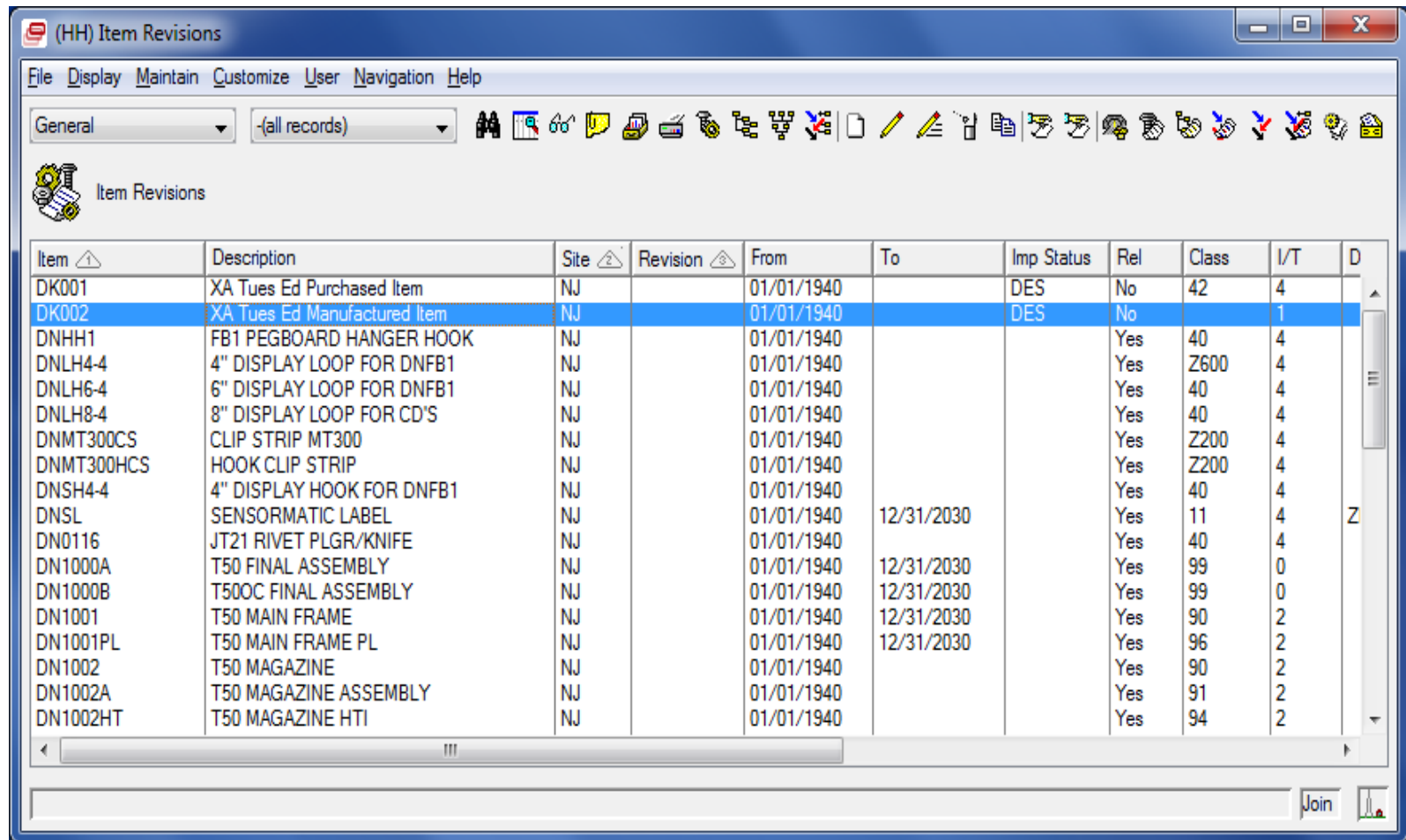
Close



Moving Forward with XA

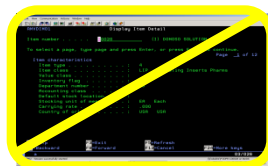


Implementation Status is on Item Revision

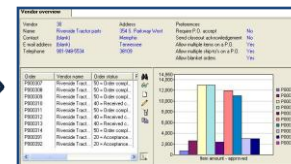


The screenshot shows a software window titled "(HH) Item Revisions" with a menu bar (File, Display, Maintain, Customize, User, Navigation, Help) and a toolbar. Below the toolbar is a section labeled "Item Revisions" containing a table with the following columns: Item, Description, Site, Revision, From, To, Imp Status, Rel, Class, I/T, and D. The table lists various items with their descriptions, sites (mostly NJ), and revision dates (mostly 01/01/1940). The row for item DK002 is highlighted in blue.

Item	Description	Site	Revision	From	To	Imp Status	Rel	Class	I/T	D
DK001	XA Tues Ed Purchased Item	NJ		01/01/1940		DES	No	42	4	
DK002	XA Tues Ed Manufactured Item	NJ		01/01/1940		DES	No		1	
DNHH1	FB1 PEGBOARD HANGER HOOK	NJ		01/01/1940			Yes	40	4	
DNLH4-4	4" DISPLAY LOOP FOR DNFB1	NJ		01/01/1940			Yes	Z600	4	
DNLH6-4	6" DISPLAY LOOP FOR DNFB1	NJ		01/01/1940			Yes	40	4	
DNLH8-4	8" DISPLAY LOOP FOR CD'S	NJ		01/01/1940			Yes	40	4	
DNMT300CS	CLIP STRIP MT300	NJ		01/01/1940			Yes	Z200	4	
DNMT300HCS	HOOK CLIP STRIP	NJ		01/01/1940			Yes	Z200	4	
DNSH4-4	4" DISPLAY HOOK FOR DNFB1	NJ		01/01/1940			Yes	40	4	
DNSL	SENSORMATIC LABEL	NJ		01/01/1940	12/31/2030		Yes	11	4	Z
DN0116	JT21 RIVET PLGR/KNIFE	NJ		01/01/1940			Yes	40	4	
DN1000A	T50 FINAL ASSEMBLY	NJ		01/01/1940	12/31/2030		Yes	99	0	
DN1000B	T500C FINAL ASSEMBLY	NJ		01/01/1940	12/31/2030		Yes	99	0	
DN1001	T50 MAIN FRAME	NJ		01/01/1940	12/31/2030		Yes	90	2	
DN1001PL	T50 MAIN FRAME PL	NJ		01/01/1940	12/31/2030		Yes	96	2	
DN1002	T50 MAGAZINE	NJ		01/01/1940			Yes	90	2	
DN1002A	T50 MAGAZINE ASSEMBLY	NJ		01/01/1940			Yes	91	2	
DN1002HT	T50 MAGAZINE HTI	NJ		01/01/1940			Yes	94	2	



Moving Forward with XA



Implementation Status – Item Rev

(HH) Change Item Revision - NJ, DK002

File Display Maintain Customize User Navigation Help

Default

DK002 XA Tues Ed Manufactured Item Site: NJ Arrow Production Rev:

Description: XA Tues Ed Manufactured Item
Item type: 1 = Assembly
Inventory code: Inventory
Item class: (blank)
Value class:
Department:
Item accounting class: 1 = FINISHED GOODS
Stocking UM: EA = EACH
Default inventory status:
Carrying rate: .000
Country of origin: (blank)
Item bitmap or icon:
MRO item:
Effective from date: 01/01/1940
Effective to date: / /
Auto sync: No
Maintenance control: Local

Physical Characteristics

Stocking UM: EA = EACH
Unit weight: 0.000
Weight UM: (blank)
Supplementary weight: 0.000
Supplementary weight UM: (blank)
Unit volume: 0.000
Volume UM: (blank)
Specific gravity: 0.0000
Height: 0.000
Length: 0.000
Width: 0.000
Inside diameter: 0.000
Outside diameter: 0.000
Dimensional UM: (blank)
Shape code:

Engineering Characteristics

Implementation status: DES
Drawing number:
Assemblies used: 0
Configured item: Not configured
Type: (none)
Low level code: 0

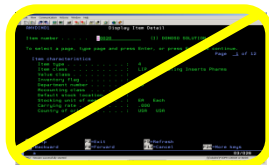
Replication

Replication destination:

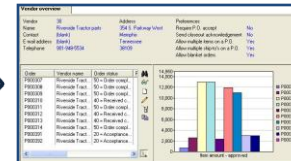
General

- Engineering
- Procurement
- Inventory
- Sales
- Costs
- Translations
- Item Categories9
- Engineering Groups
- History
- Current
- Item Characteristics

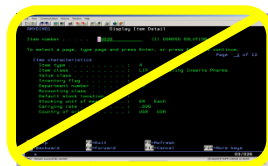
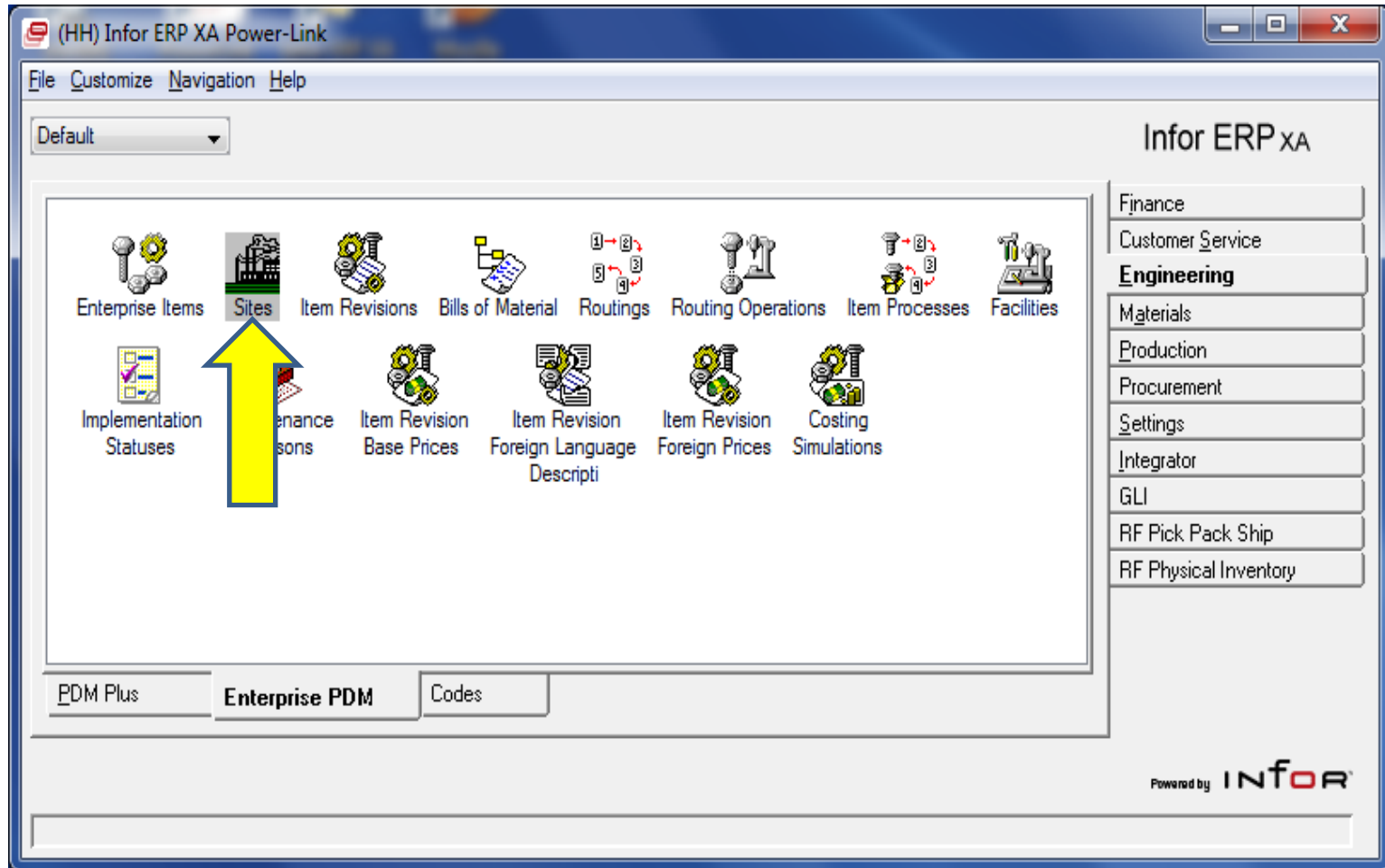
Update Cancel Help



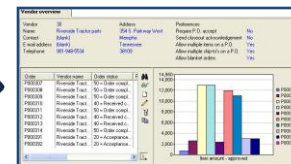
Moving Forward with XA



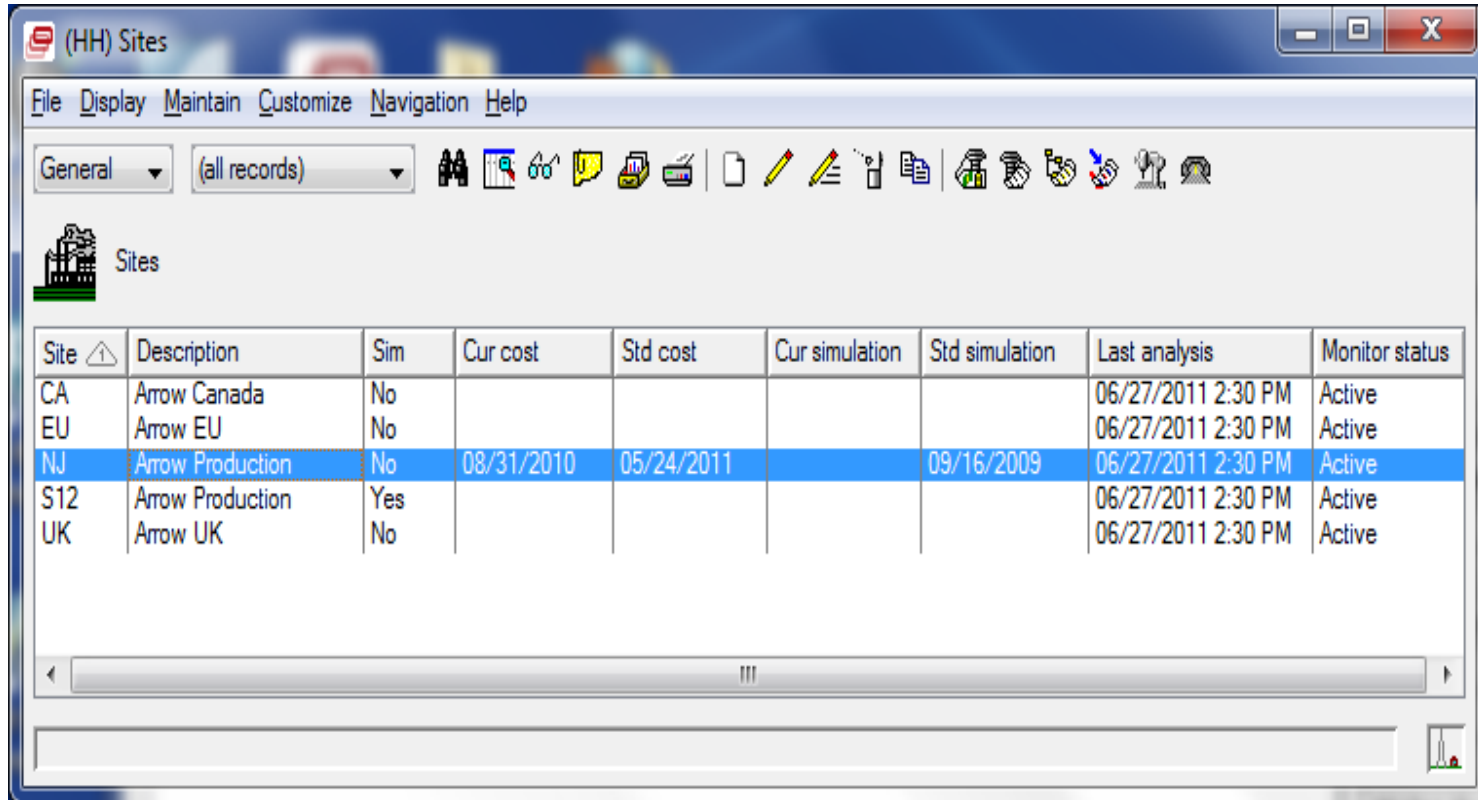
R9 Has New Site-Item Object



Moving Forward with XA



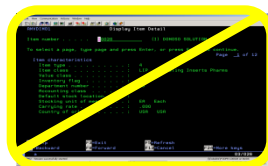
R9 Has New Site-Item Object



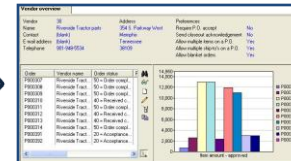
The screenshot shows the (HH) Sites application window. The menu bar includes File, Display, Maintain, Customize, Navigation, and Help. The toolbar contains various icons for site management. The main area displays a table with the following data:

Site	Description	Sim	Cur cost	Std cost	Cur simulation	Std simulation	Last analysis	Monitor status
CA	Arrow Canada	No					06/27/2011 2:30 PM	Active
EU	Arrow EU	No					06/27/2011 2:30 PM	Active
NJ	Arrow Production	No	08/31/2010	05/24/2011		09/16/2009	06/27/2011 2:30 PM	Active
S12	Arrow Production	Yes					06/27/2011 2:30 PM	Active
UK	Arrow UK	No					06/27/2011 2:30 PM	Active

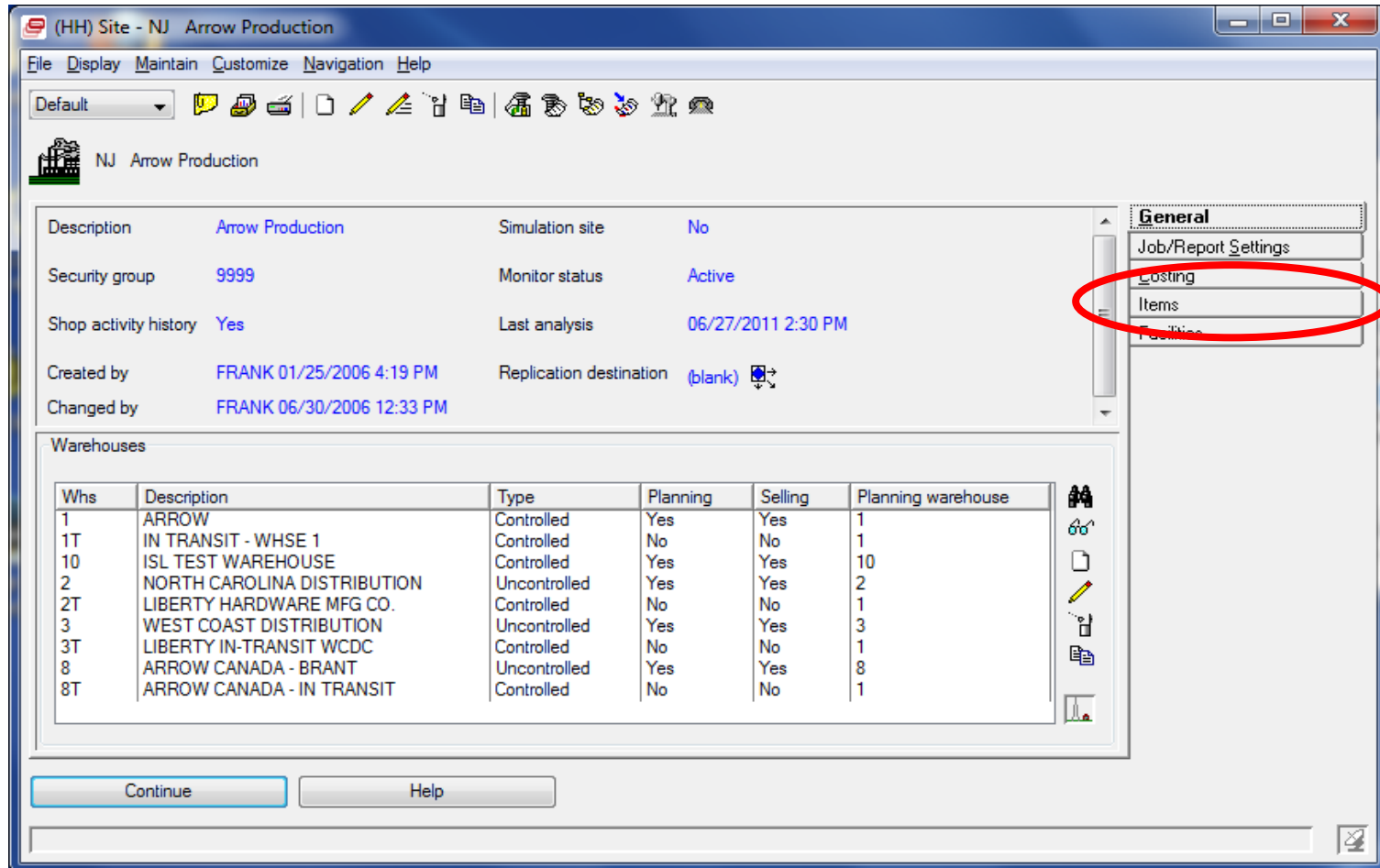
Double-click on desired Site



Moving Forward with XA



R9 Has New Site-Item Object



File Display Maintain Customize Navigation Help

Default

NJ Arrow Production

Description [Arrow Production](#) Simulation site [No](#)

Security group [9999](#) Monitor status [Active](#)

Shop activity history [Yes](#) Last analysis [06/27/2011 2:30 PM](#)

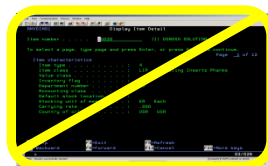
Created by [FRANK 01/25/2006 4:19 PM](#) Replication destination [\(blank\)](#)

Changed by [FRANK 06/30/2006 12:33 PM](#)

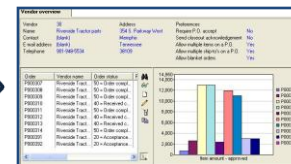
Warehouses

Whs	Description	Type	Planning	Selling	Planning warehouse
1	ARROW	Controlled	Yes	Yes	1
1T	IN TRANSIT - WHSE 1	Controlled	No	No	1
10	ISL TEST WAREHOUSE	Controlled	Yes	Yes	10
2	NORTH CAROLINA DISTRIBUTION	Uncontrolled	Yes	Yes	2
2T	LIBERTY HARDWARE MFG CO.	Controlled	No	No	1
3	WEST COAST DISTRIBUTION	Uncontrolled	Yes	Yes	3
3T	LIBERTY IN-TRANSIT WCDC	Controlled	No	No	1
8	ARROW CANADA - BRANT	Uncontrolled	Yes	Yes	8
8T	ARROW CANADA - IN TRANSIT	Controlled	No	No	1

Continue Help



Moving Forward with XA

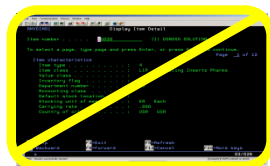


Site-Item Object

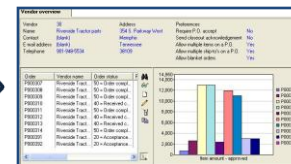
The screenshot shows the 'NJ Arrow Production' window with a table of items. The 'Items' menu item in the sidebar is circled in red.

Item	Description	Revision	From	To	Imp Status	Rel	Class	I/T	Drawing number	Stk UM	Val	Location
C3-6964	TR550 220 CONNECTOR		01/01/1940			Yes	42	4		EA	C	DFLT1
C600	POW-SHOT CORDLESS GLUEGUN		01/01/1940	12/3...		Yes	PS13	9		EA	A	DFLT1
C600-04	THERMOGRIP CORDLESS GLUE...		01/01/1940			Yes	PS13	9		EA	C	DFLT1
DC25	STAPLER		01/01/1940			Yes	EX01	1		EA	C	G024B
DC25ML	STAPLER MULTI LING		01/01/1940			Yes	EX01	1		EA	C	D063A
DC66	PLIER TYPE STAPLER		01/01/1940			Yes	EX02	1		EA	C	G023B
DC66ML	PLIER TYPE STAPLER MULTI LI...		01/01/1940			Yes	EX02	1		EA	C	DFLT1
DD	DUMP DISPLAY		01/01/1940			Yes	Z000	1	NO UPC	EA		99999
DK001	XA Tues Ed Purchased Item		01/01/1940		DES	No	42	4		EA		
DK002	XA Tues Ed Manufactured Item		01/01/1940		DES	No		1		EA		
DNHH1	FB1 PEGBOARD HANGER HOOK		01/01/1940			Yes	40	4		EA	C	DFLT1
DNLH4-4	4" DISPLAY LOOP FOR DNFB1		01/01/1940			Yes	Z600	4		EA	C	DFLT1
DNLH6-4	6" DISPLAY LOOP FOR DNFB1		01/01/1940			Yes	40	4		EA	C	DFLT1
DNLH8-4	8" DISPLAY LOOP FOR CD'S		01/01/1940			Yes	40	4		EA	C	DFLT1
DNMT300CS	CLIP STRIP MT300		01/01/1940			Yes	Z200	4		EA	C	DFLT1
DNMT300HCS	HOOK CLIP STRIP		01/01/1940			Yes	Z200	4		EA	C	DFLT1
DNSH4-4	4" DISPLAY HOOK FOR DNFB1		01/01/1940			Yes	40	4		EA	C	DFLT1
DNSL	SENSORMATIC LABEL		01/01/1940	12/3...		Yes	11	4	ZLDRS1	EA	C	DFLT1
DN0116	JT21 RIVET PLGR/KNIFE		01/01/1940			Yes	40	4		EA	C	DFLT1
DN1000A	T50 FINAL ASSEMBLY		01/01/1940	12/3...		Yes	99	0		EA	C	DFLT1
DN1000B	T500C FINAL ASSEMBLY		01/01/1940	12/3...		Yes	99	0		EA	C	DFLT1
DN1001	T50 MAIN FRAME		01/01/1940	12/3...		Yes	90	2		ST	A	DFLT1

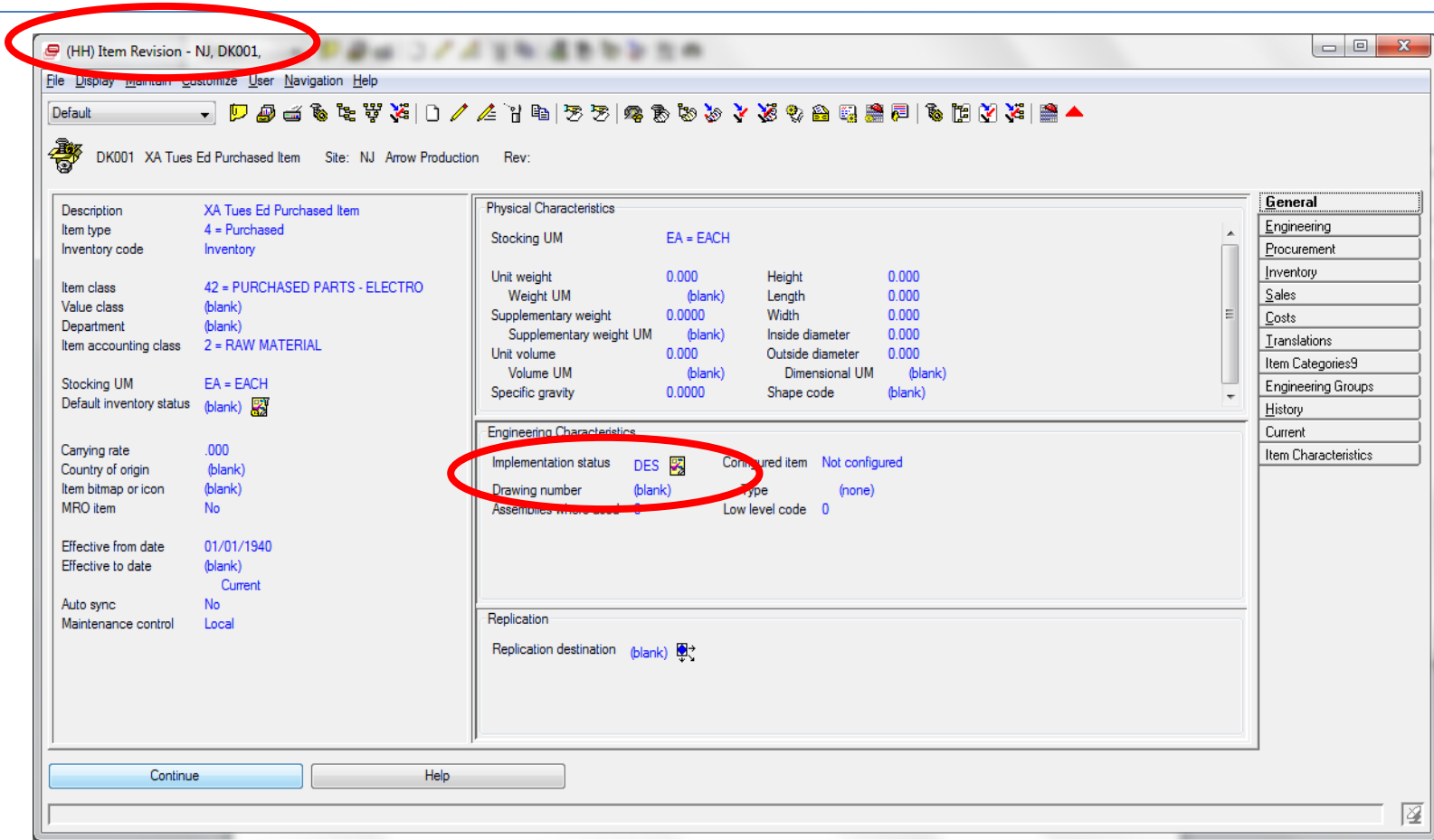
Double-click on desired Item Revision



Moving Forward with XA



Site – Item Object in R9



(HH) Item Revision - NJ, DK001

File Display Item Main Customize User Navigation Help

Default

DK001 XA Tues Ed Purchased Item Site: NJ Arrow Production Rev:

Description	XA Tues Ed Purchased Item
Item type	4 = Purchased
Inventory code	Inventory
Item class	42 = PURCHASED PARTS - ELECTRO
Value class	(blank)
Department	(blank)
Item accounting class	2 = RAW MATERIAL
Stocking UM	EA = EACH
Default inventory status	(blank)
Carrying rate	.000
Country of origin	(blank)
Item bitmap or icon	(blank)
MRO item	No
Effective from date	01/01/1940
Effective to date	(blank)
Auto sync	No
Maintenance control	Local

Physical Characteristics

Stocking UM	EA = EACH		
Unit weight	0.000	Height	0.000
Weight UM	(blank)	Length	0.000
Supplementary weight	0.0000	Width	0.000
Supplementary weight UM	(blank)	Inside diameter	0.000
Unit volume	0.000	Outside diameter	0.000
Volume UM	(blank)	Dimensional UM	(blank)
Specific gravity	0.0000	Shape code	(blank)

Engineering Characteristics

Implementation status	DES	Configured item	Not configured
Drawing number	(blank)	Type	(none)
Assemblies where used	0	Low level code	0

Replication

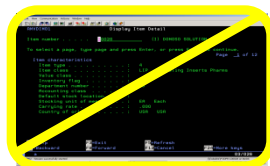
Replication destination	(blank)
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Continue Help

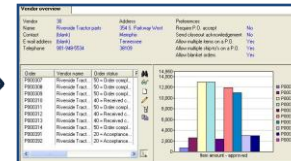
General

- Engineering
- Procurement
- Inventory
- Sales
- Costs
- Translations
- Item Categories9
- Engineering Groups
- History
- Current
- Item Characteristics

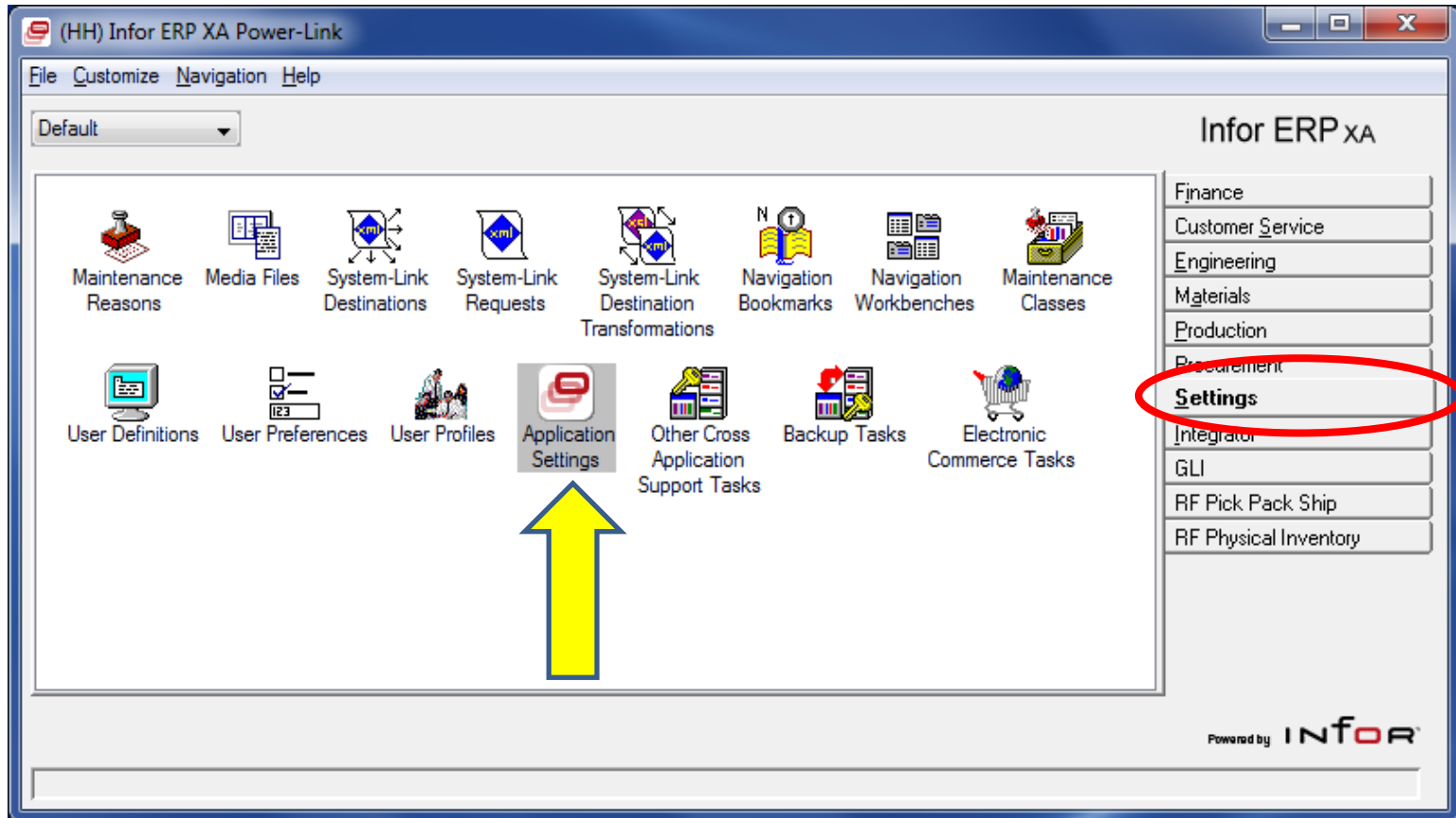
Item Revision Cardfile is displayed



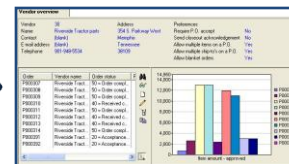
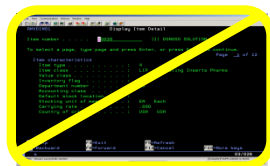
Moving Forward with XA



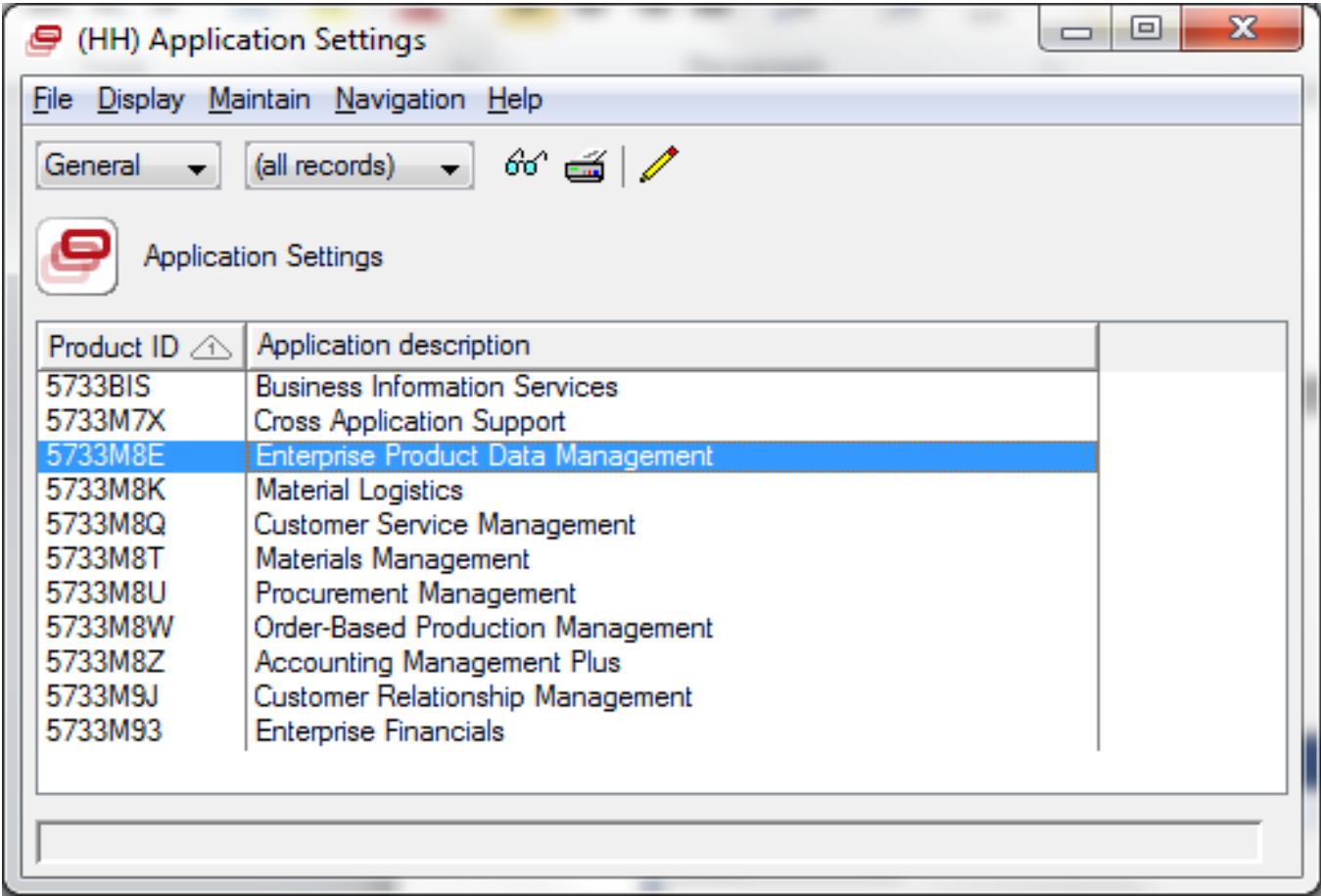
Defaults can be Changed



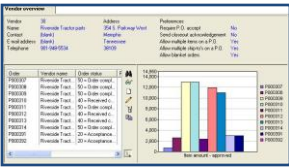
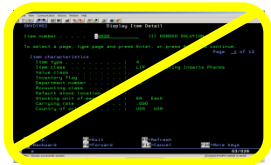
Double-click on Application Settings Icon



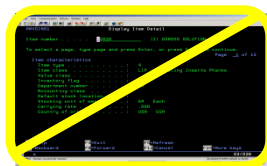
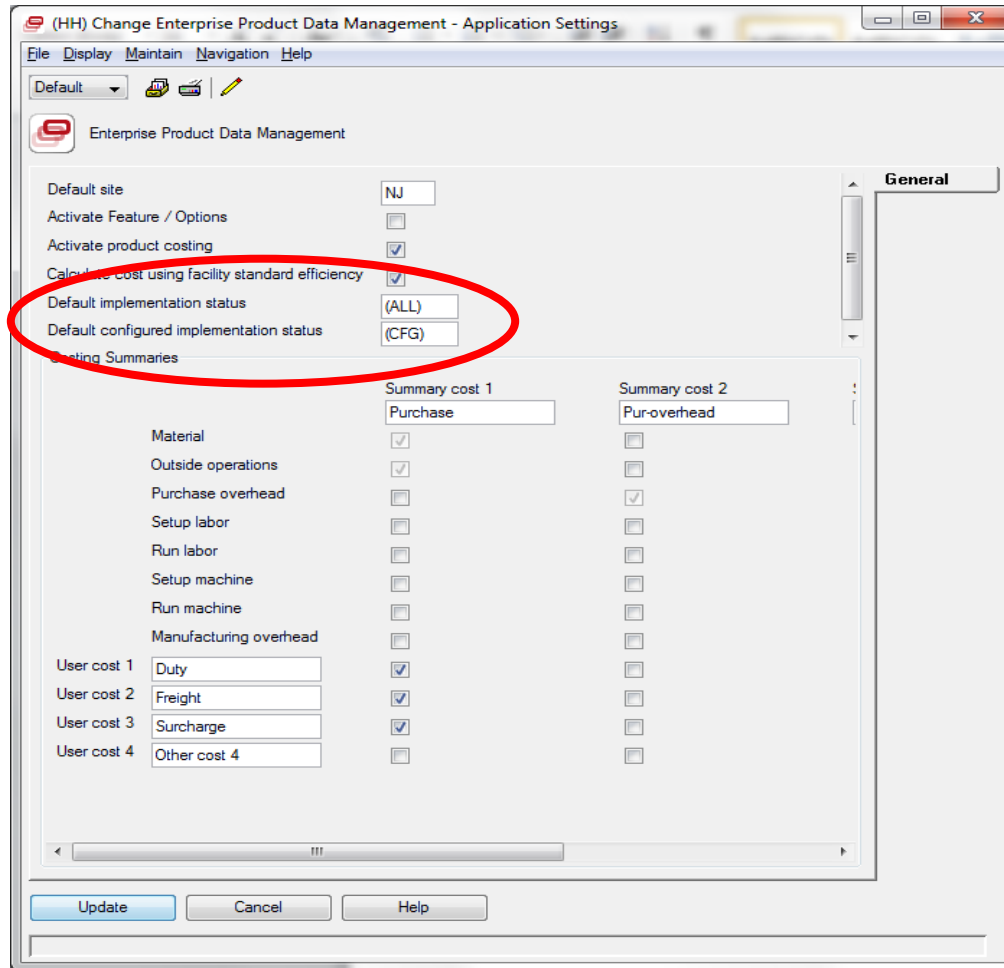
Default can be Changed



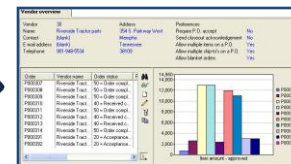
Double-click on EPDM



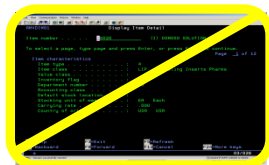
Defaults can be Changed



Moving Forward with XA



Questions ?



Moving Forward with XA

