Enhancements From R6, R7.x to R9

Implementation Status in R9 (EPDM)

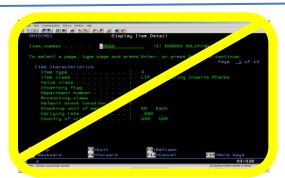
David Kemp

david.kemp@cistech.net

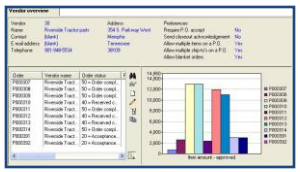
To Enable Implementation Status

R6 or R7.x → R9 or R9.1

PDM → EPDM

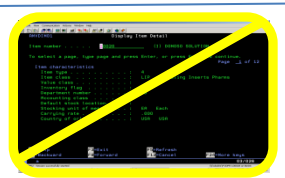


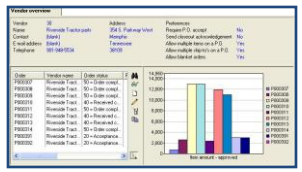
Moving Forward with XA



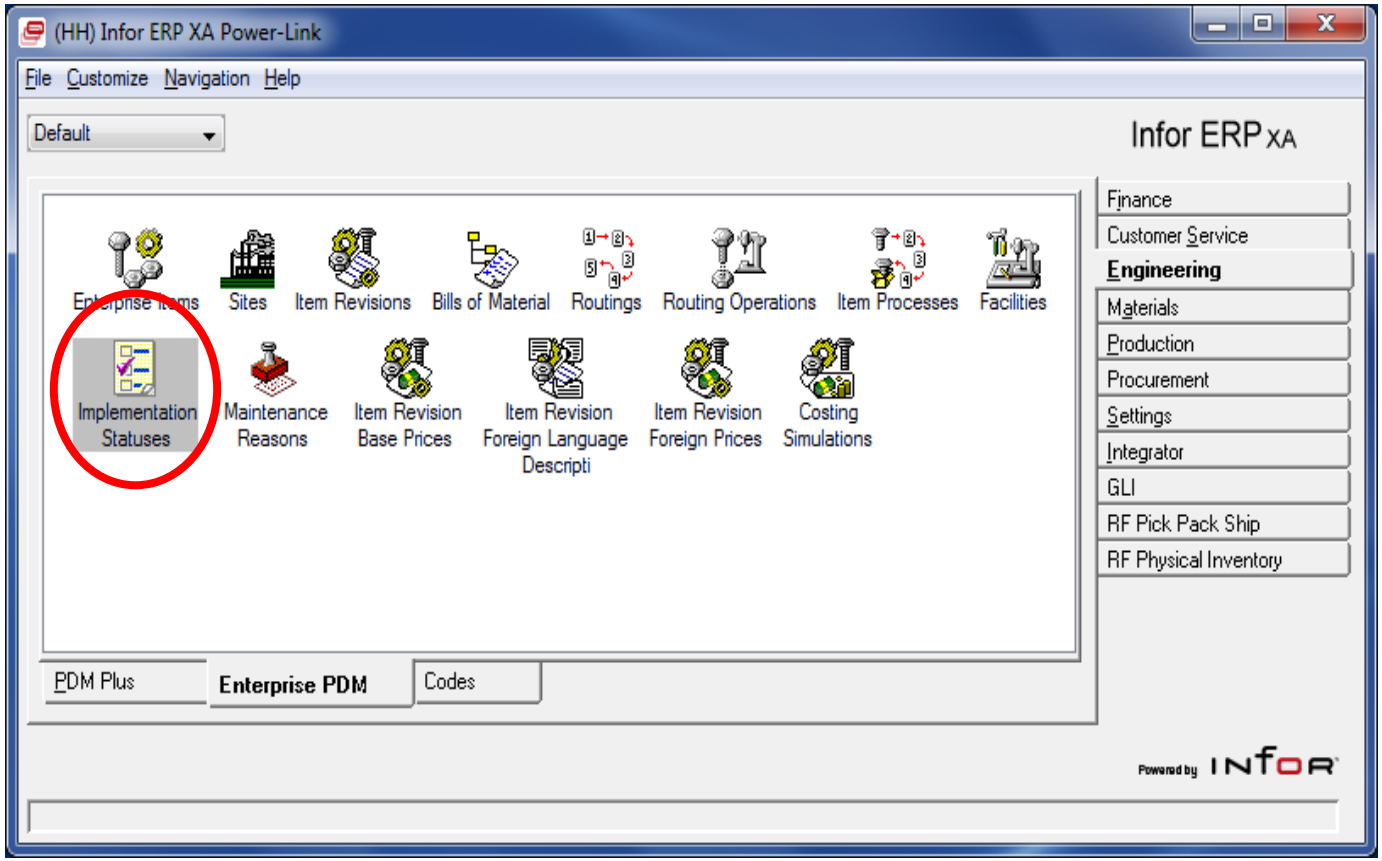
Implementation Status

- 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.)



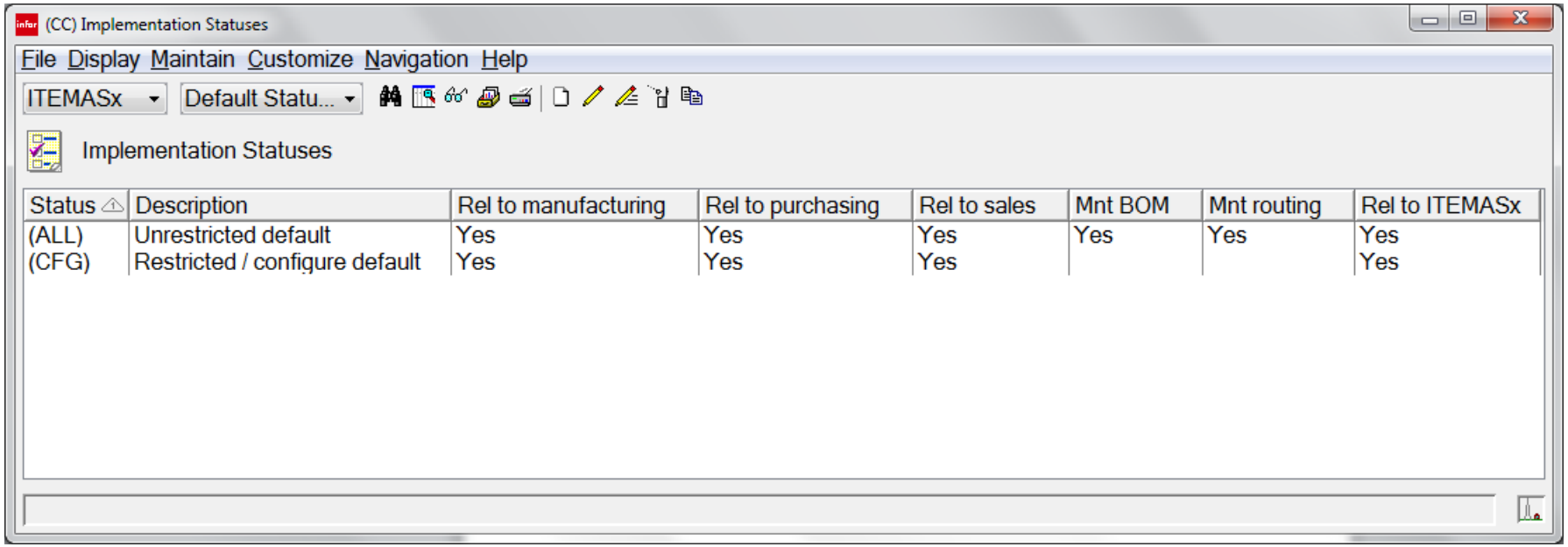


Implementation Status Object



Object icon can be placed on any card

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

Create additional 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
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

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

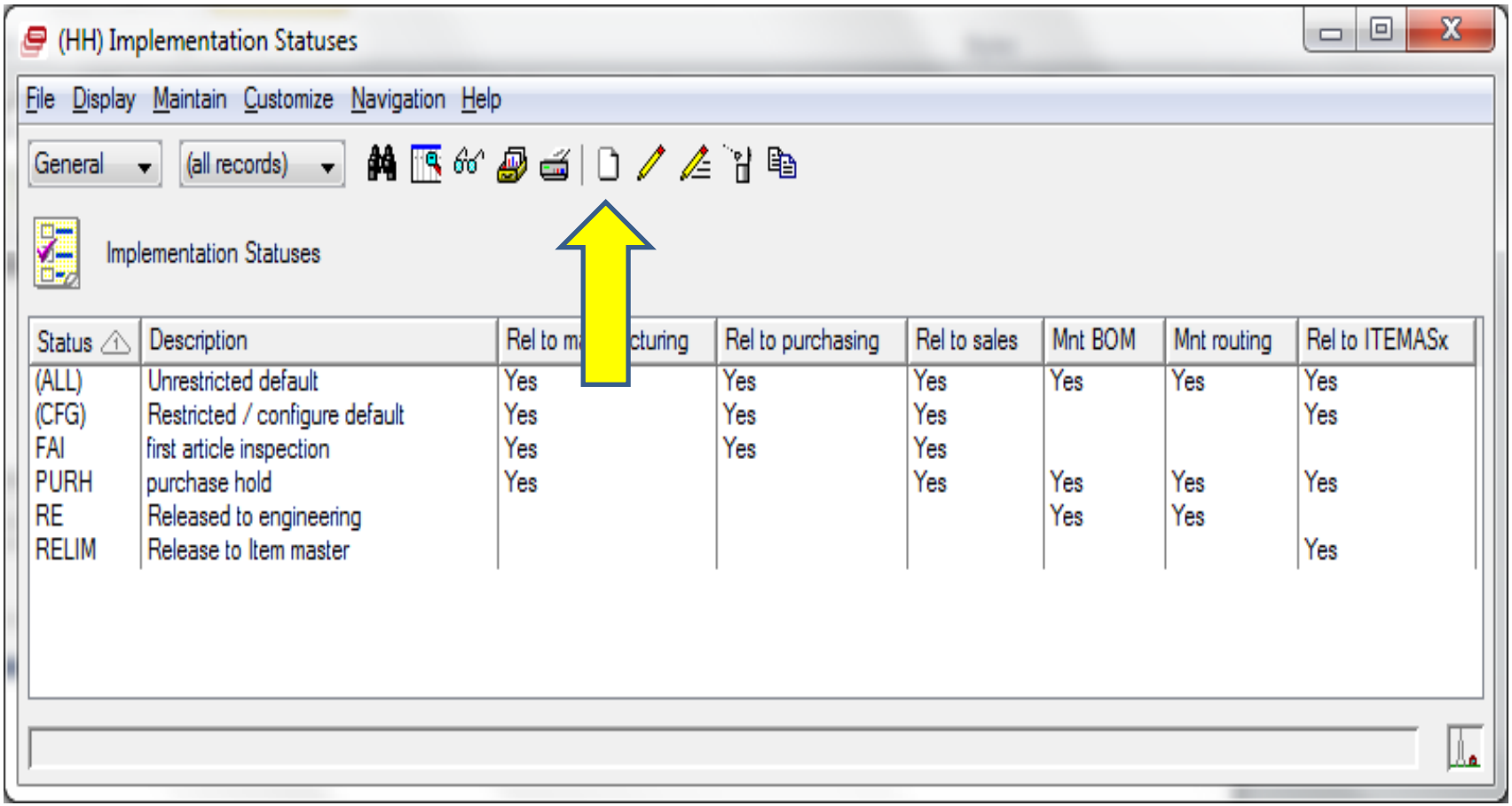
Release to Legacy Item Master

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

Maintain Routing Status Code

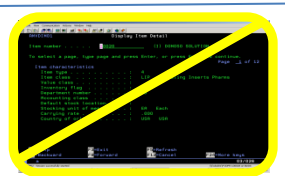
- If the routing is not associated with an Item Revision, then the maintain routing status code does not apply
- If the routing is associated with just one Item Revision, then the Routing can be maintained only if the status is Yes
- If the routing is associated with multiple Item Revisions, then the 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

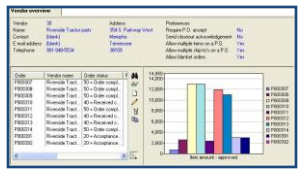
Create New Implementation Status



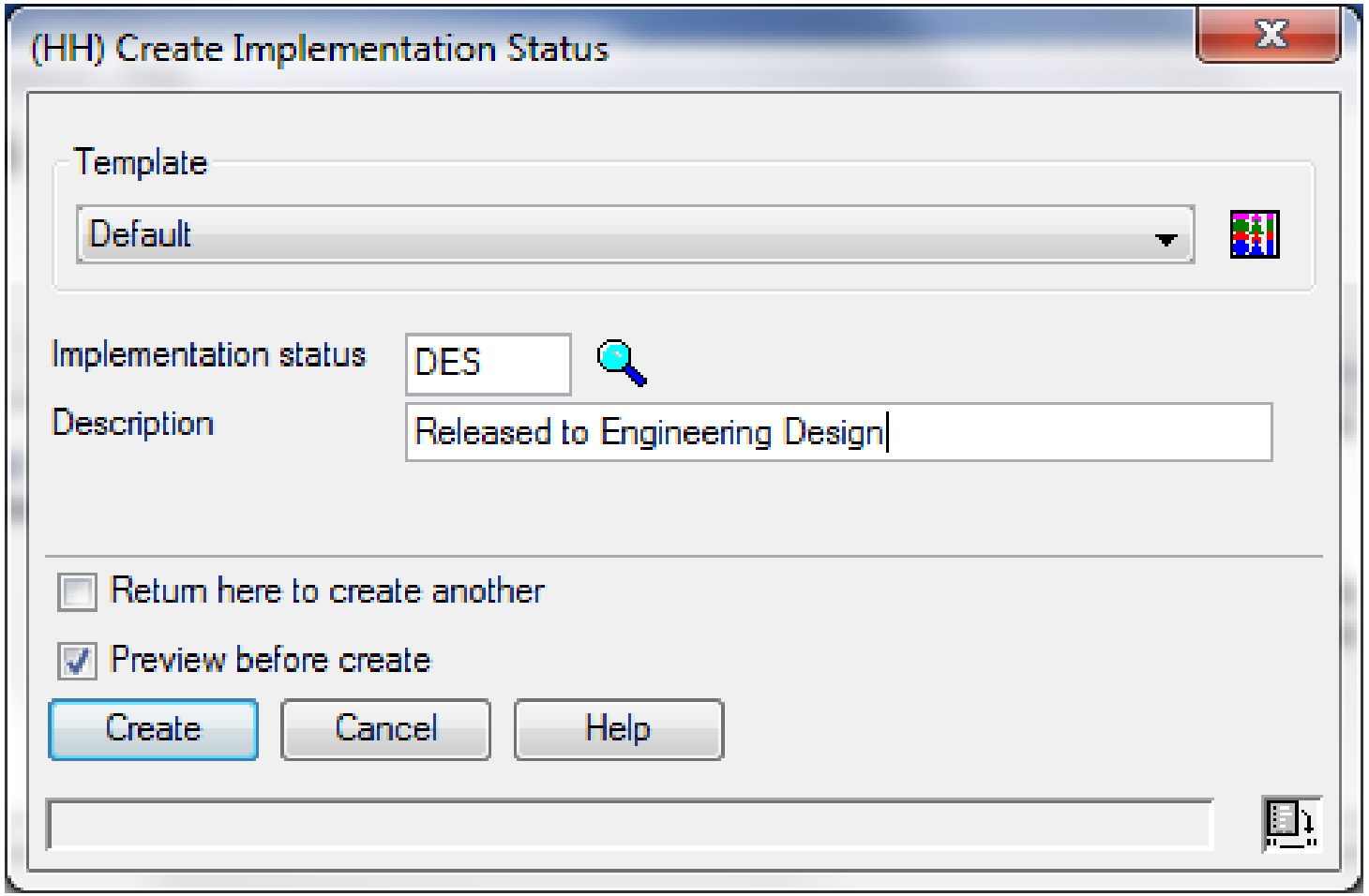
Status	Description	Rel to m… cturing	Rel to purchasing	Rel to sales	Mnt BOM	Mnt routing	Rel to ITEMASx
(ALL)	Unrestricted default	Yes	Yes	Yes	Yes	Yes	Yes
(CFG)	Restricted / configure default	Yes	Yes	Yes			Yes
FAI	first article inspection	Yes	Yes	Yes			
PURH	purchase hold	Yes		Yes	Yes	Yes	Yes
RE	Released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

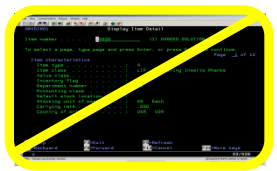
Click on Create (blank Sheet) icon



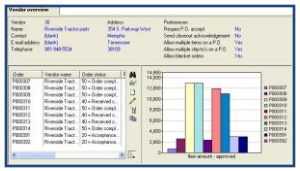


Create New Implementation Status

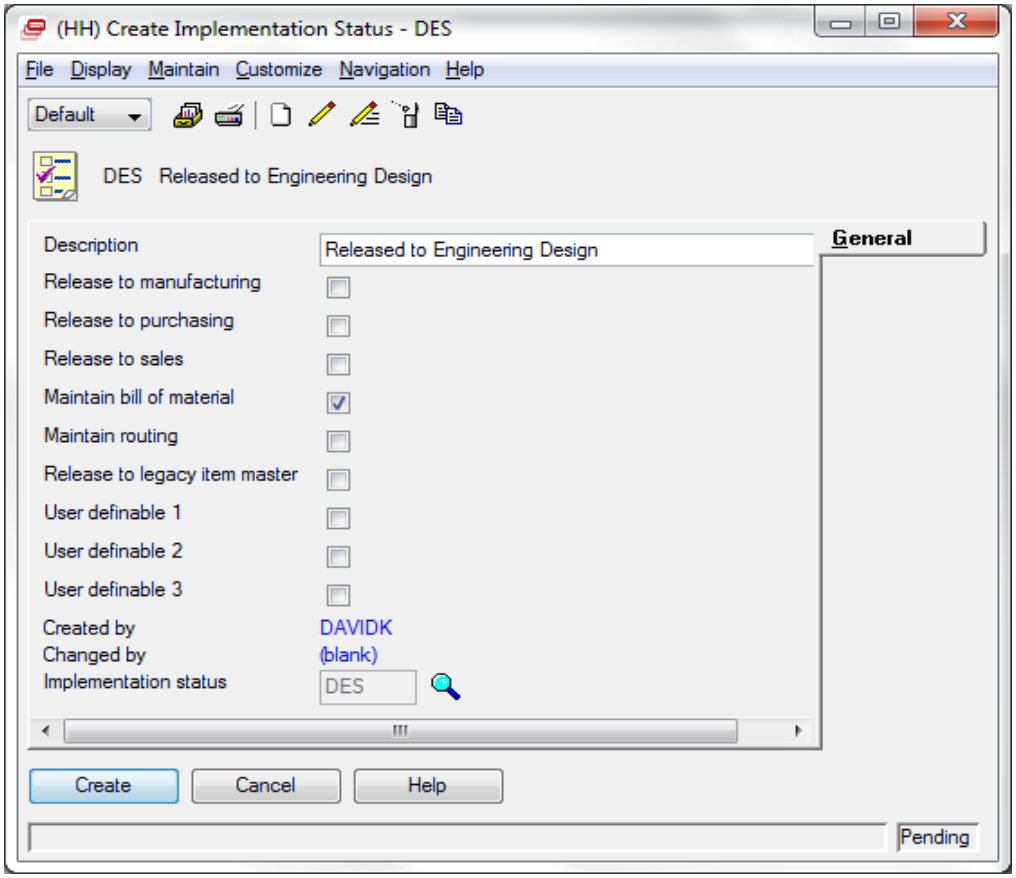




Moving Forward with XA



Create New Implementation Status



Note: Only Maintain BOM is checked

Create New Implementation Status

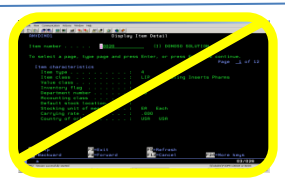
(HH) Implementation Statuses

File Display Maintain Customize Navigation Help

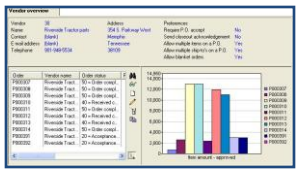
General (all records)

Implementation Statuses

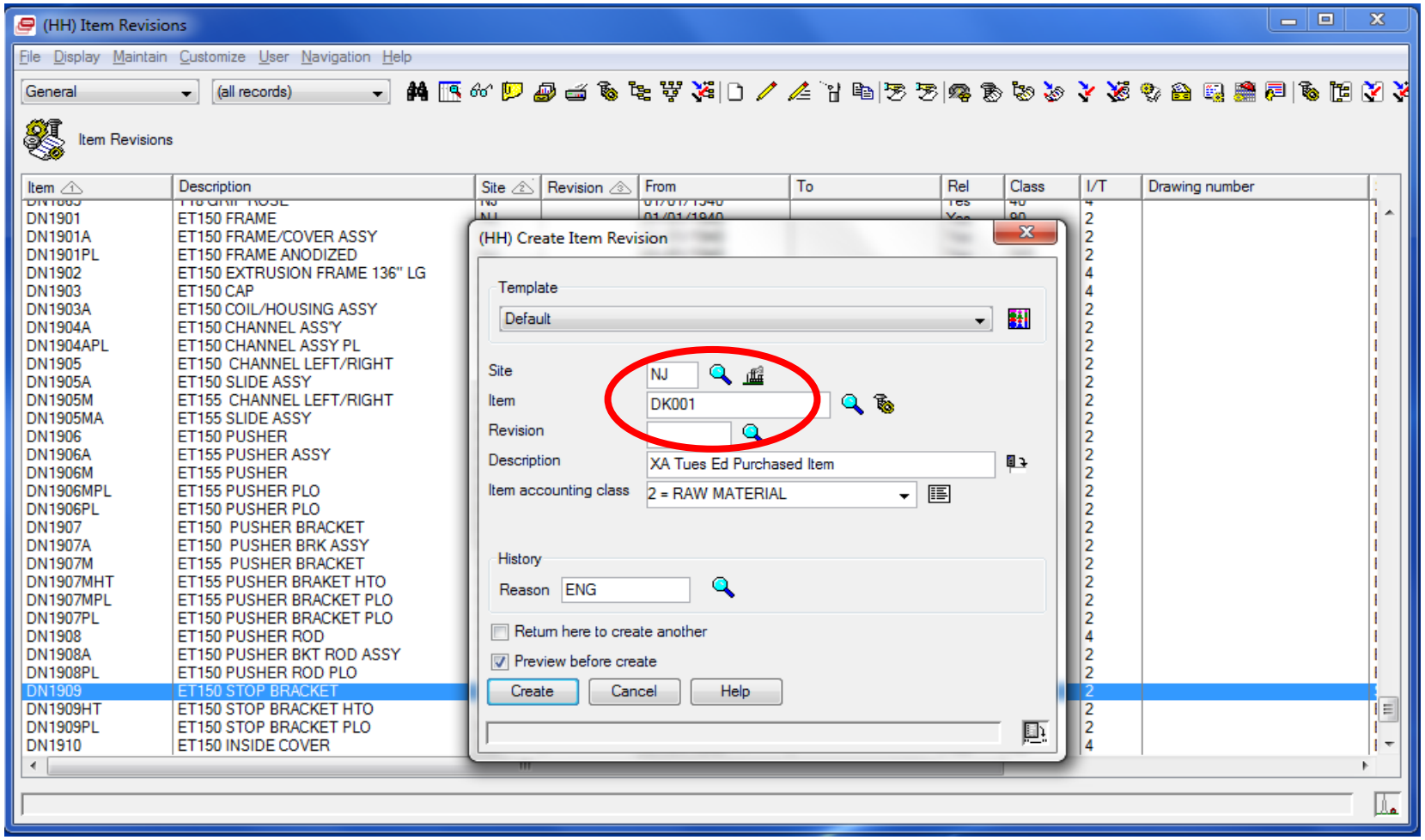
Status	Description	Rel to manufacturing	Rel to purchasing	Rel to sales	Mnt BOM	Mnt routing	Rel to ITEMASx
(ALL)	Unrestricted default	Yes	Yes	Yes	Yes	Yes	Yes
(CFG)	Restricted / configure default	Yes	Yes	Yes			Yes
DES	Released to Engineering Design				Yes		
FAI	first article inspection	Yes	Yes	Yes			
PURH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

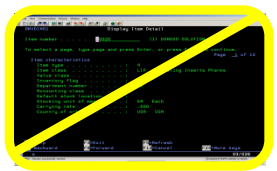


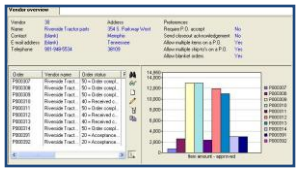
Moving Forward with XA



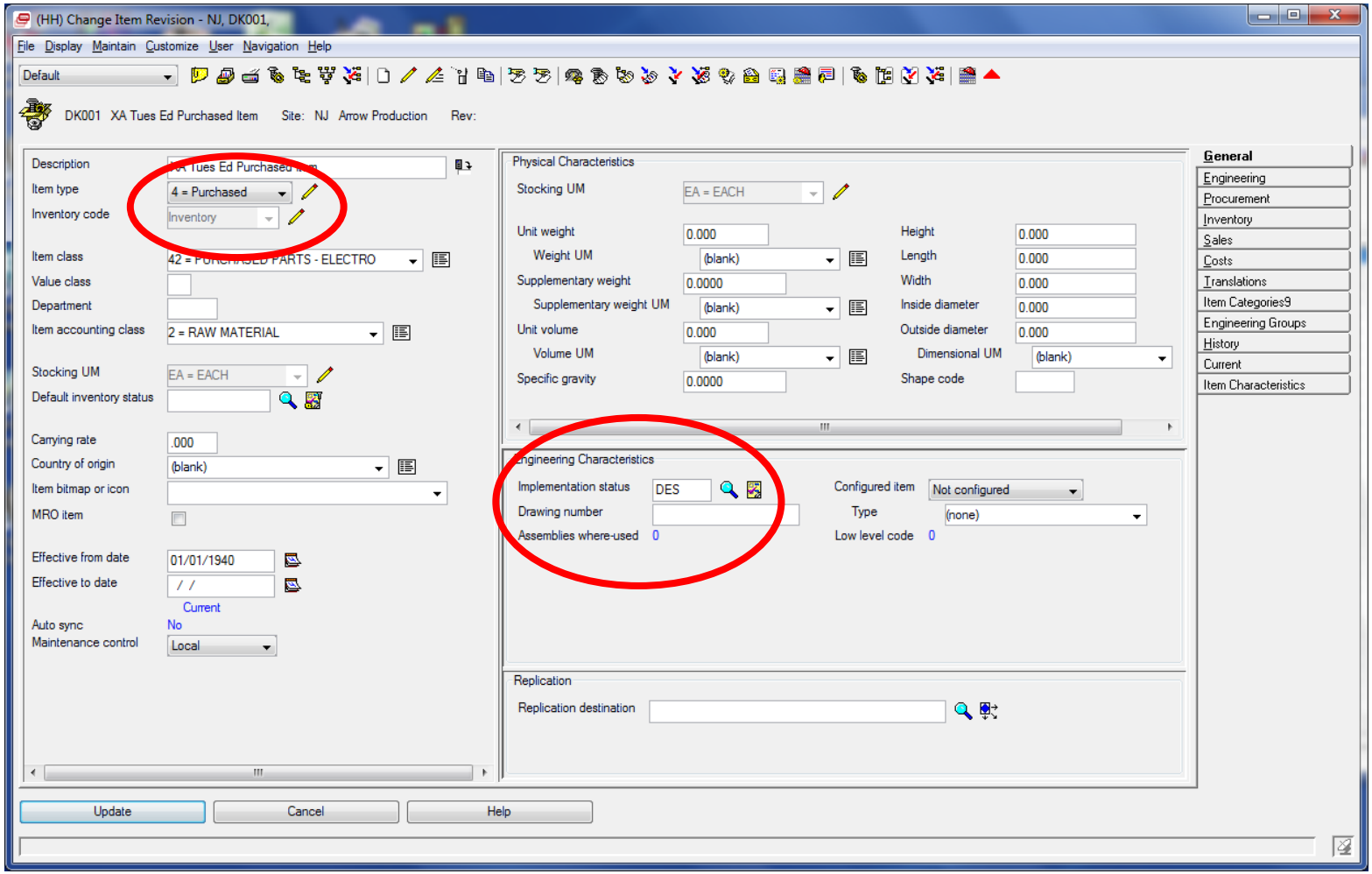
Create New Item Revision

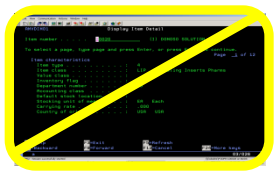




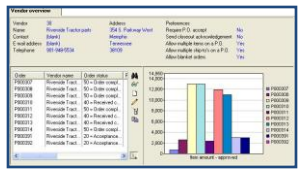


Create New Purchased Item Revision

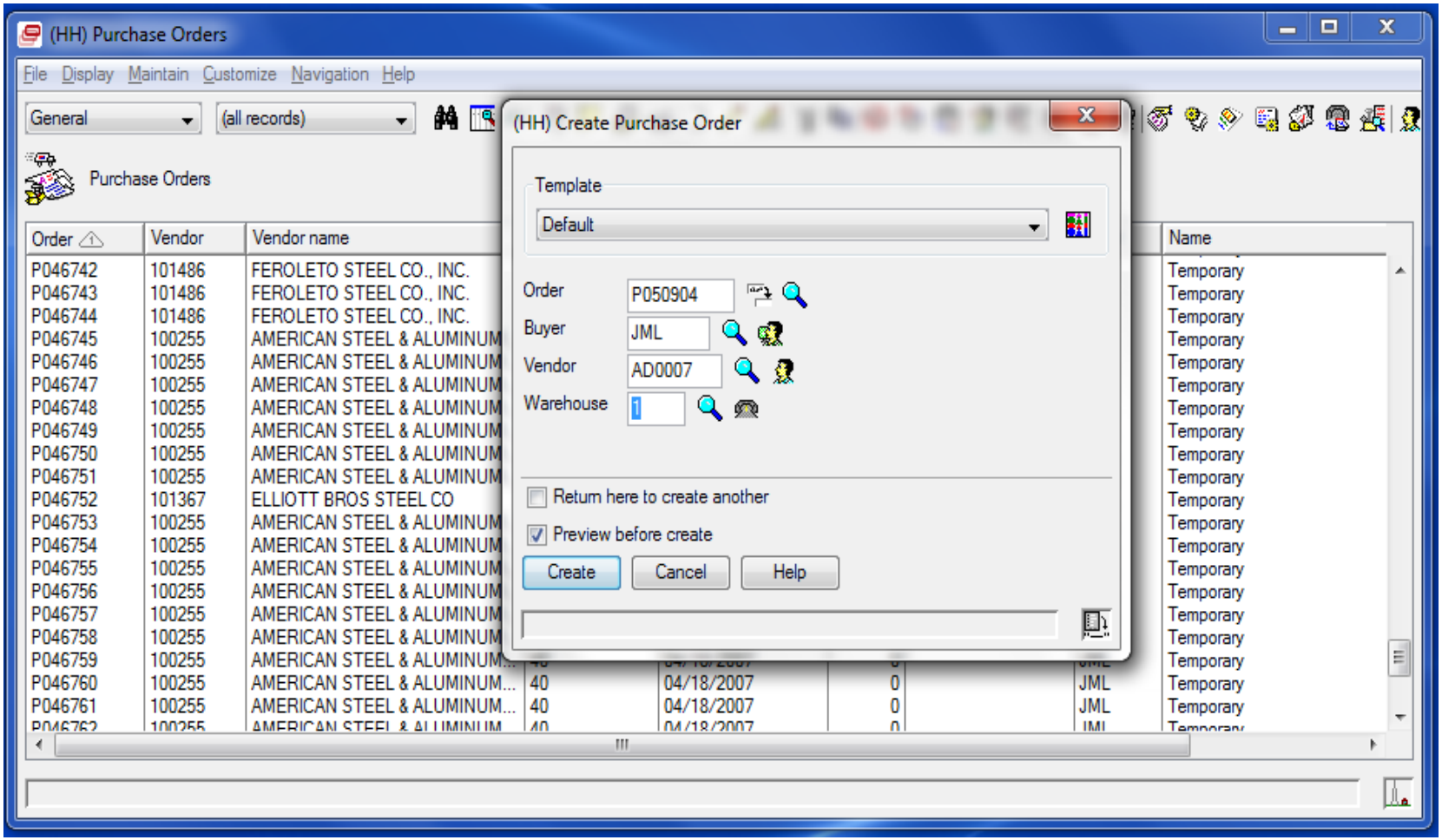


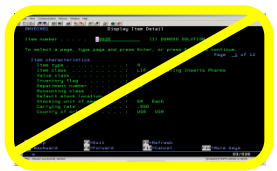


Moving Forward with XA

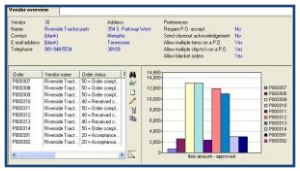


Create PO Not Allowed

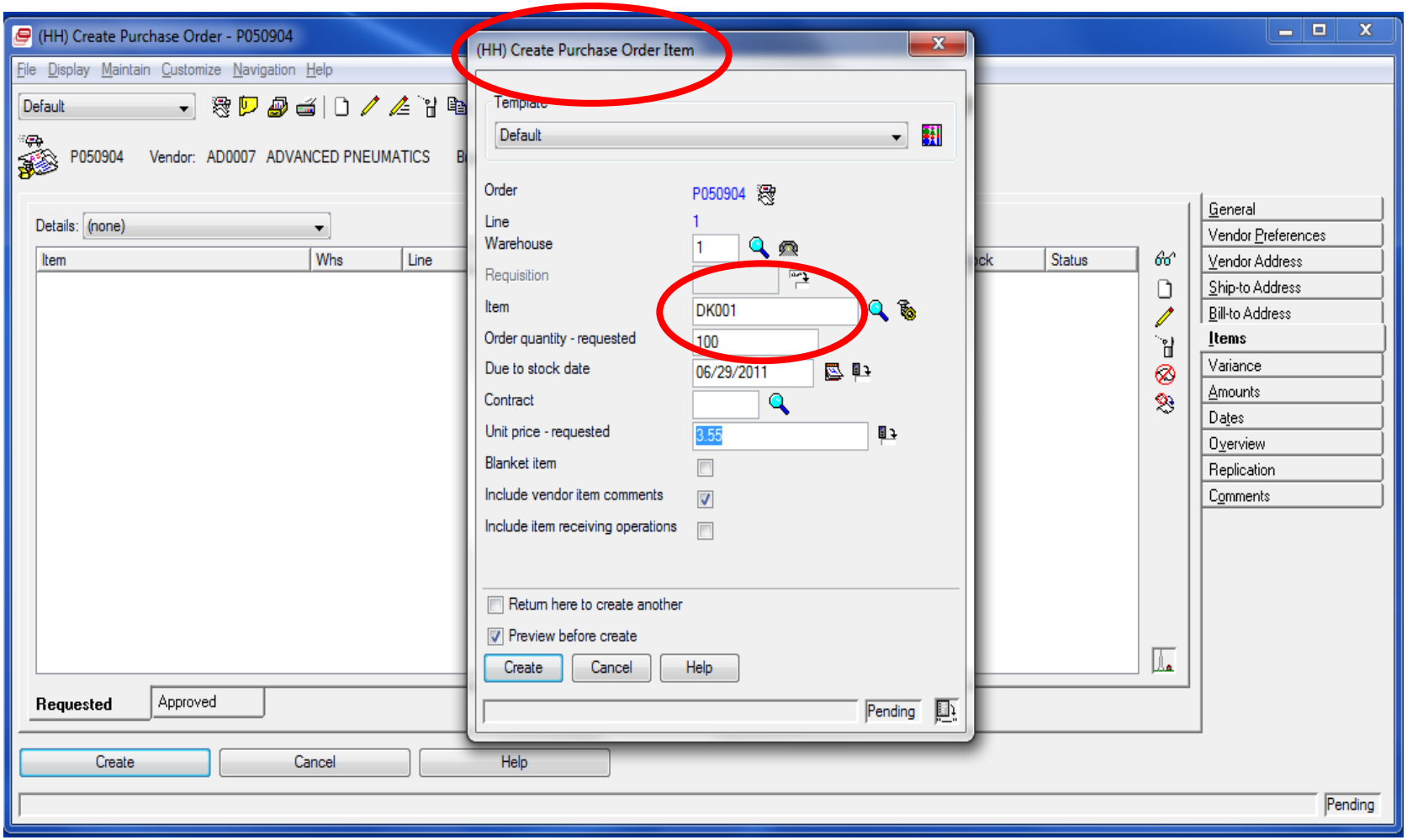


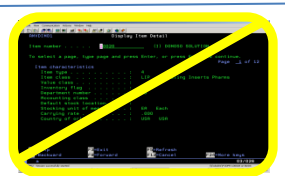


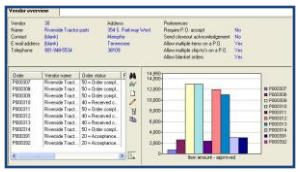
Moving Forward with XA



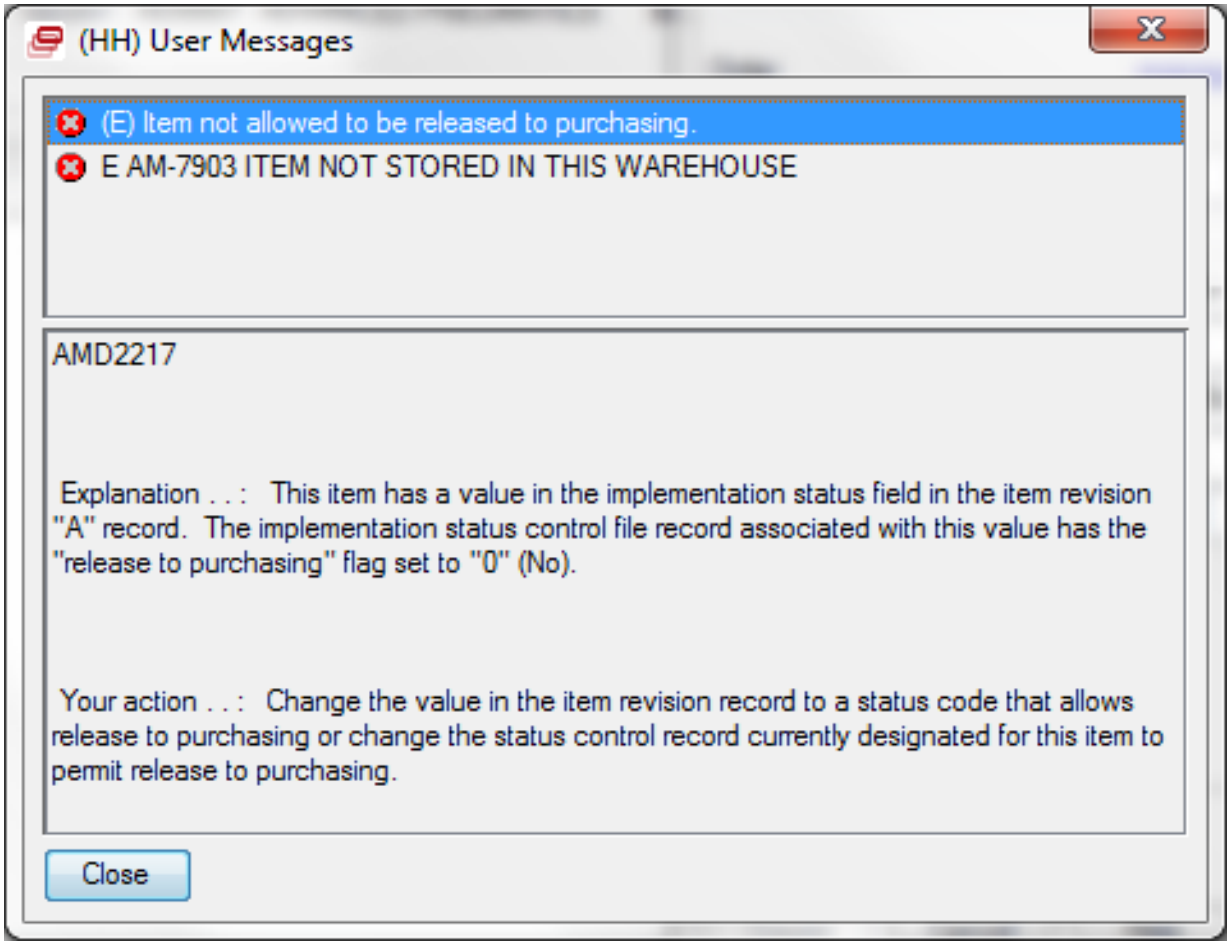
Create PO Not Allowed

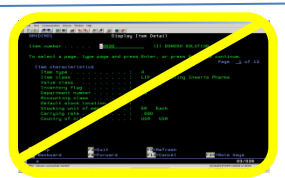


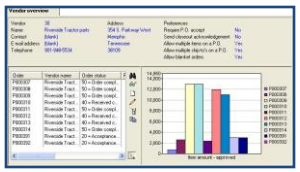




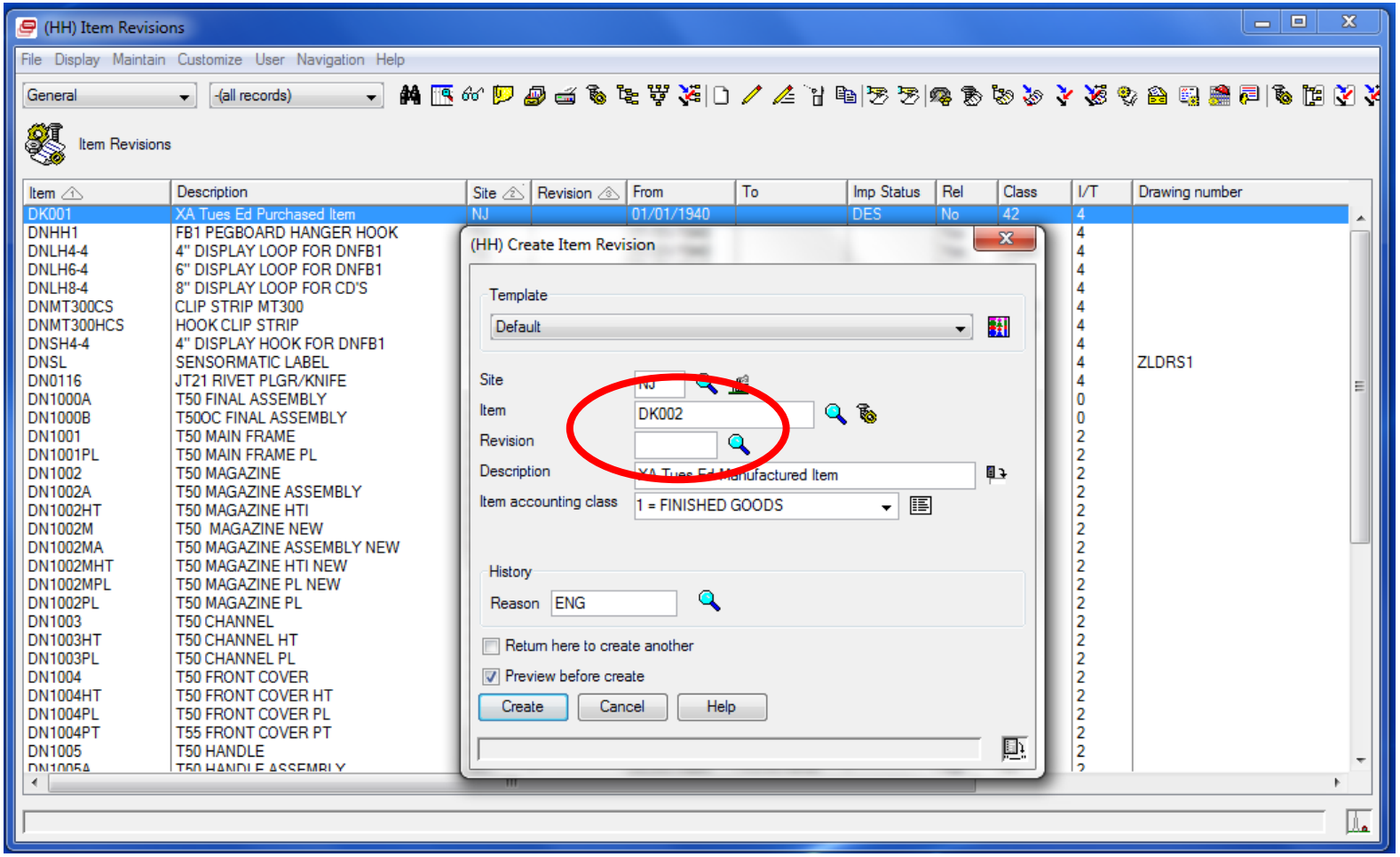
Create PO Not Allowed

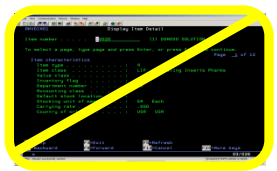


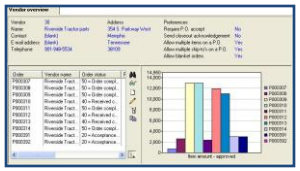




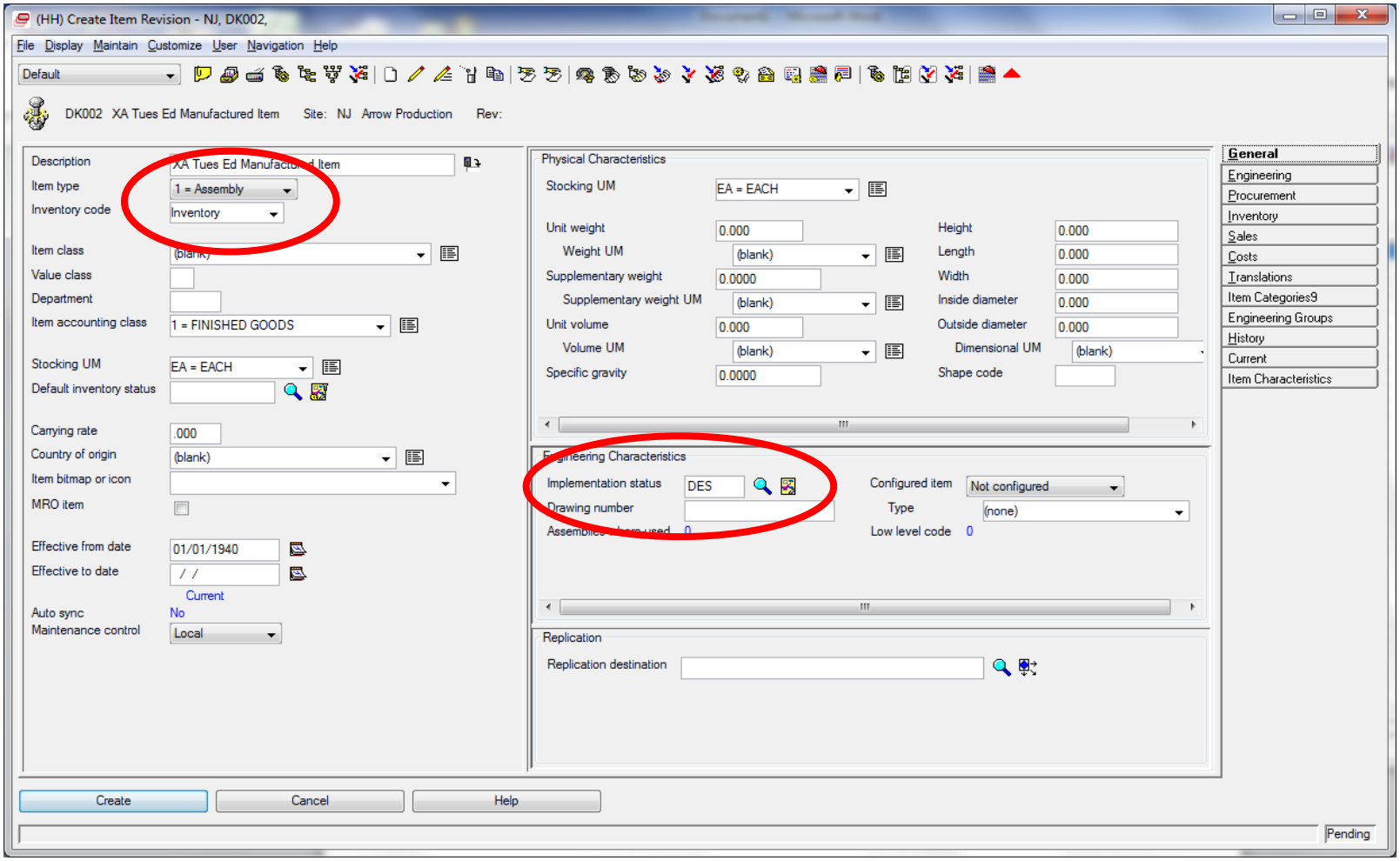
Create New Manufactured Item Revision

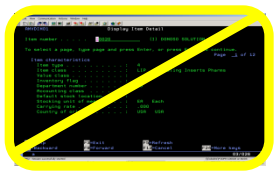


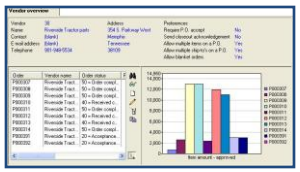




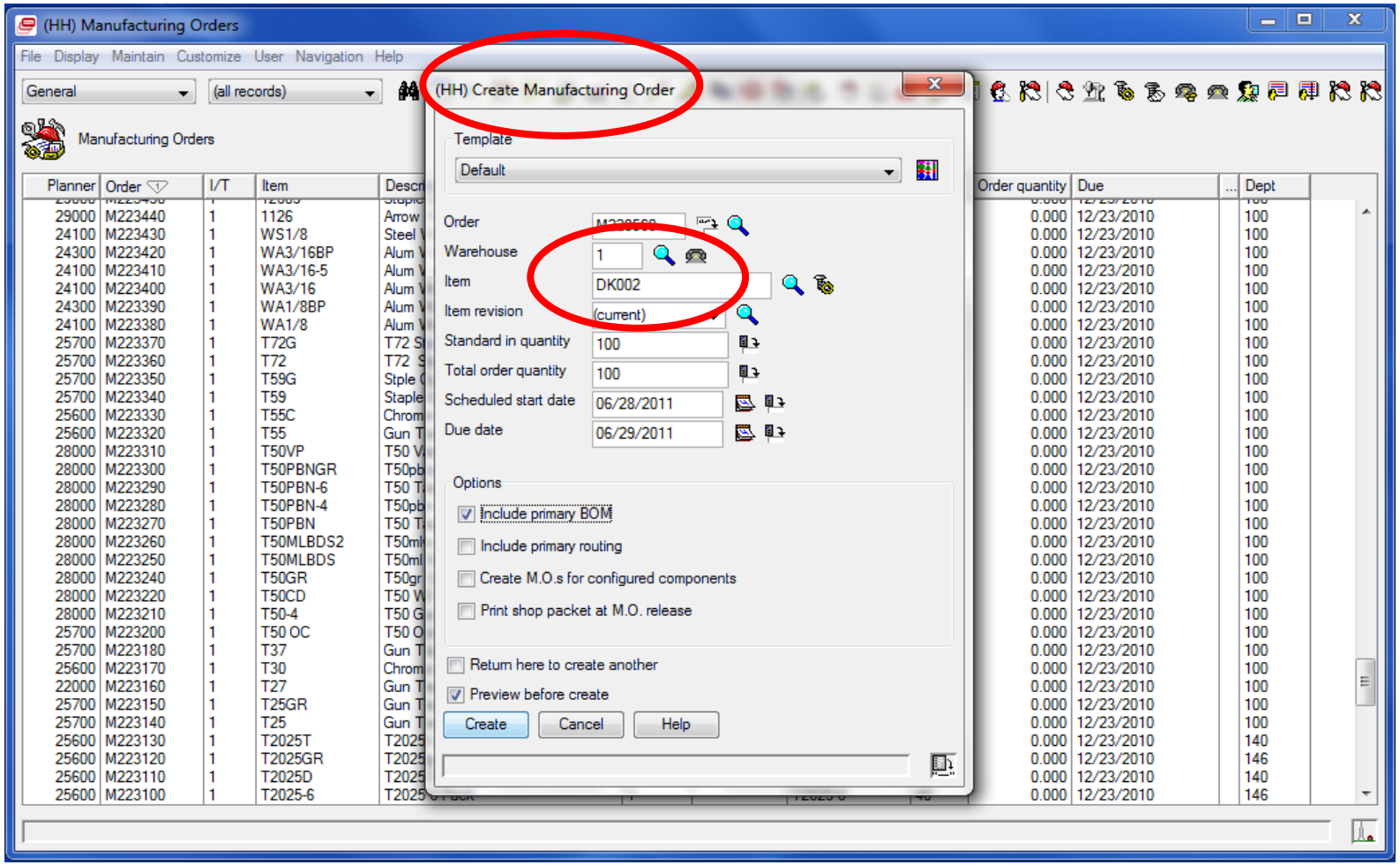
Create New Item Revision

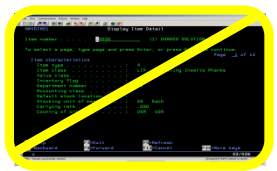




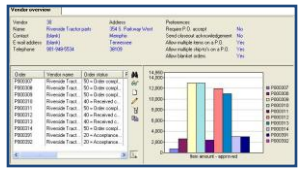


Create MO Not Allowed

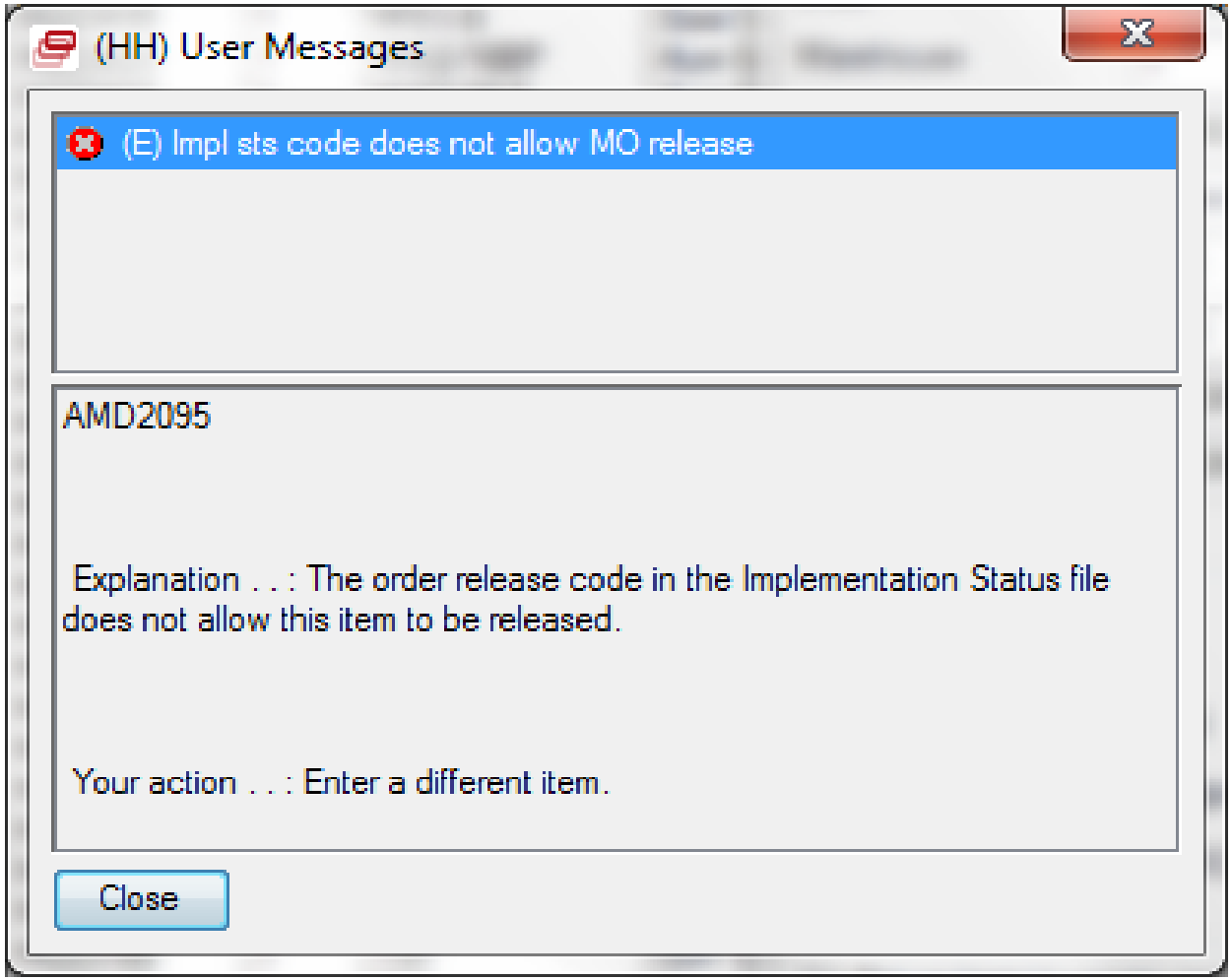


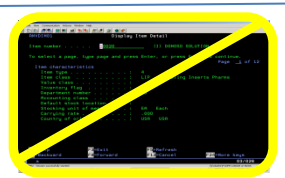


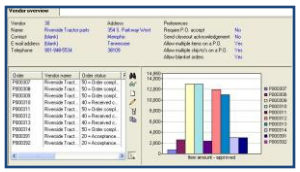
Moving Forward with XA



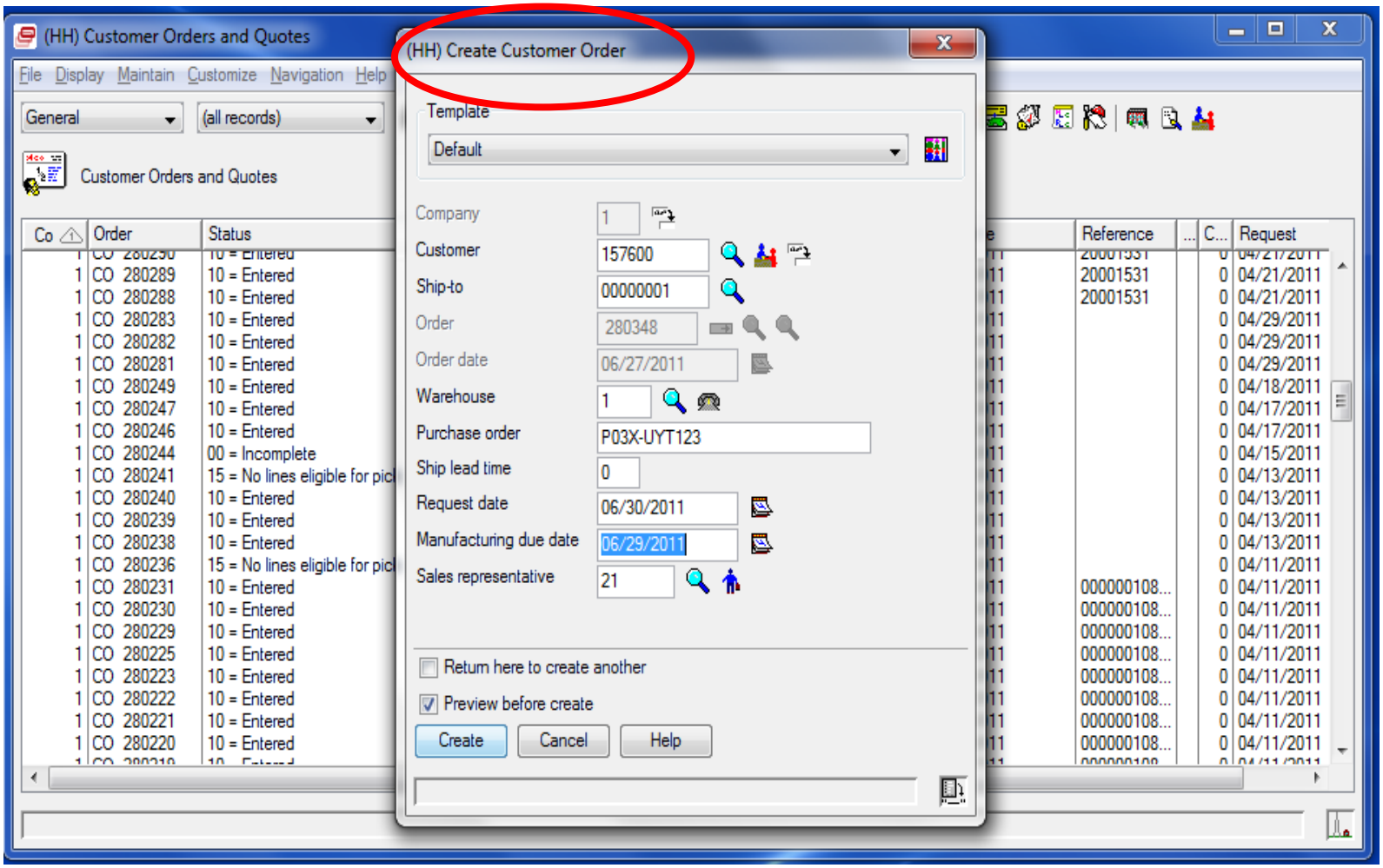
Create MO Not Allowed

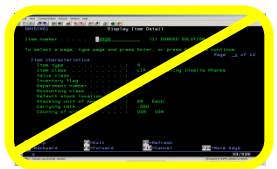




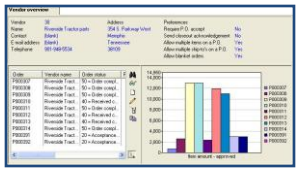


Create CO Not Allowed

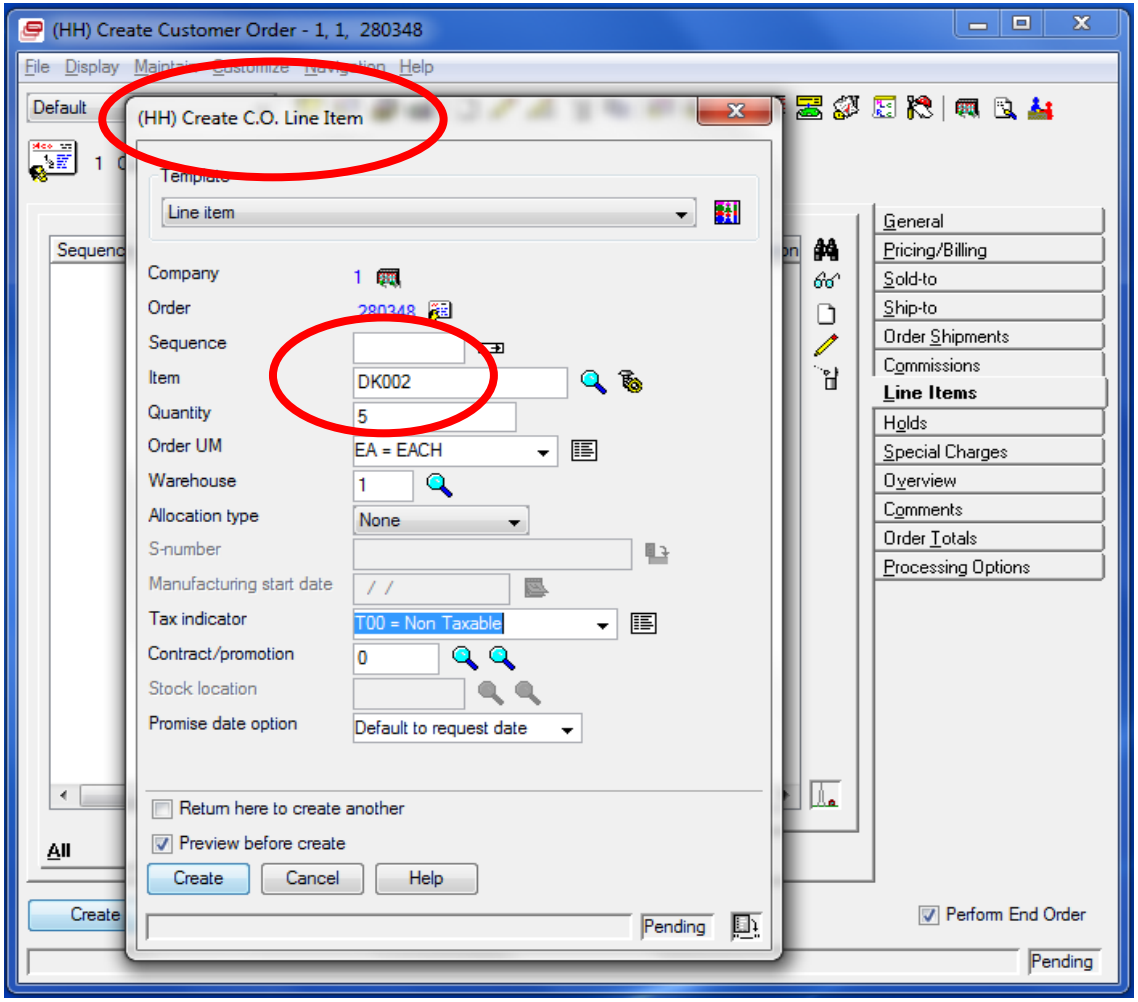


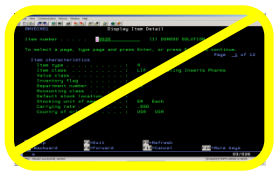


Moving Forward with XA

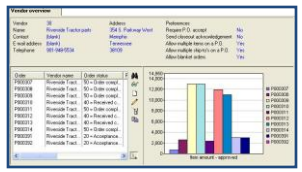


Create CO Not Allowed

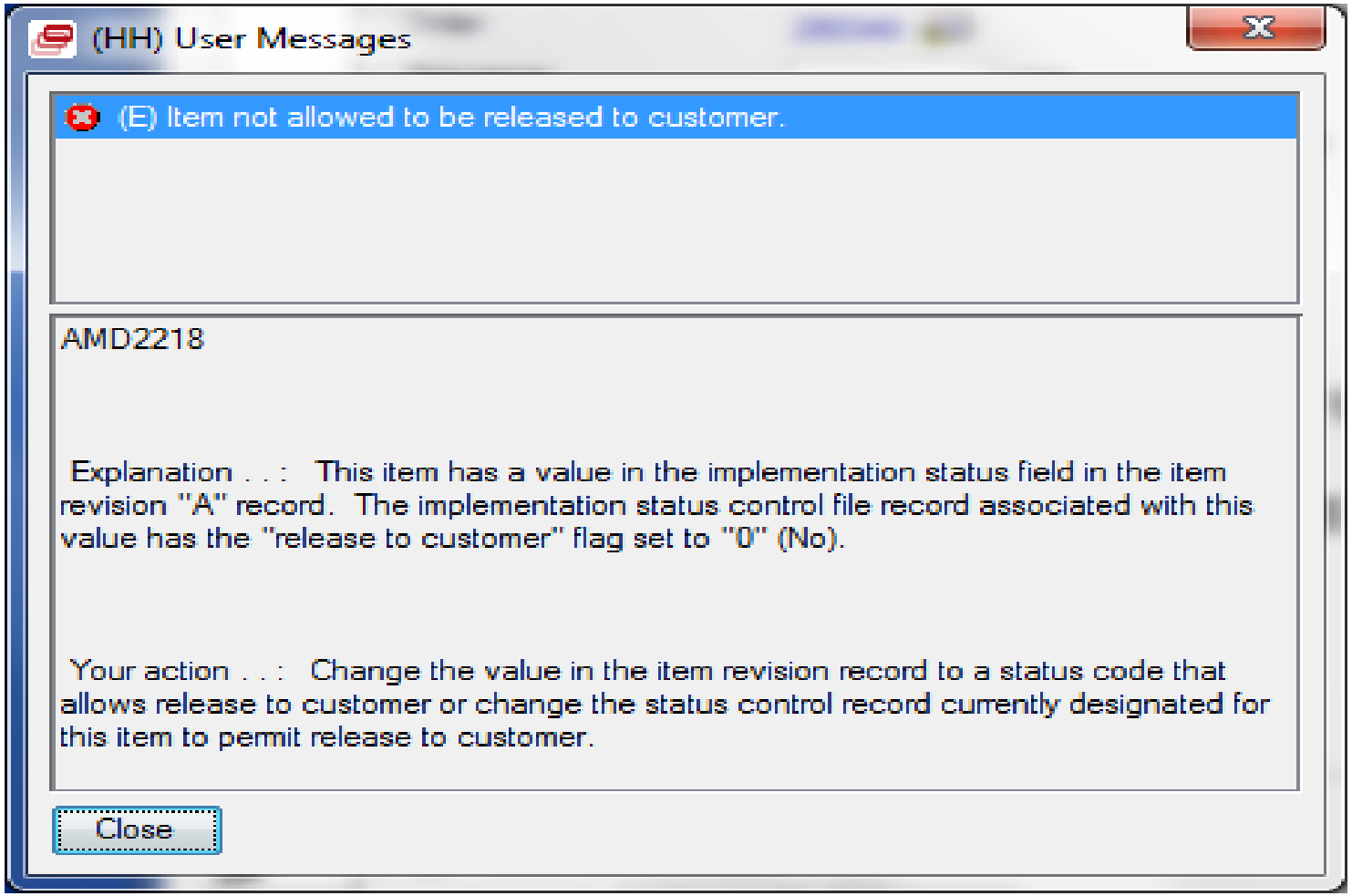


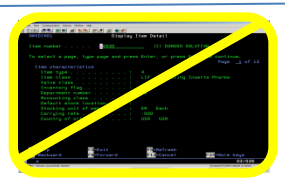


Moving Forward with XA

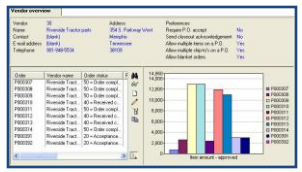


Create CO Not Allowed





Moving Forward with XA



Implementation Status is on Item Revision

(HH) Item Revisions

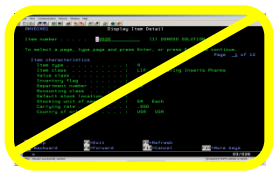
File Display Maintain Customize User Navigation Help

General | -(all records)

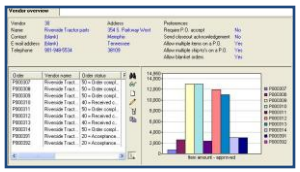
Item Revisions

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	T50OC 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	

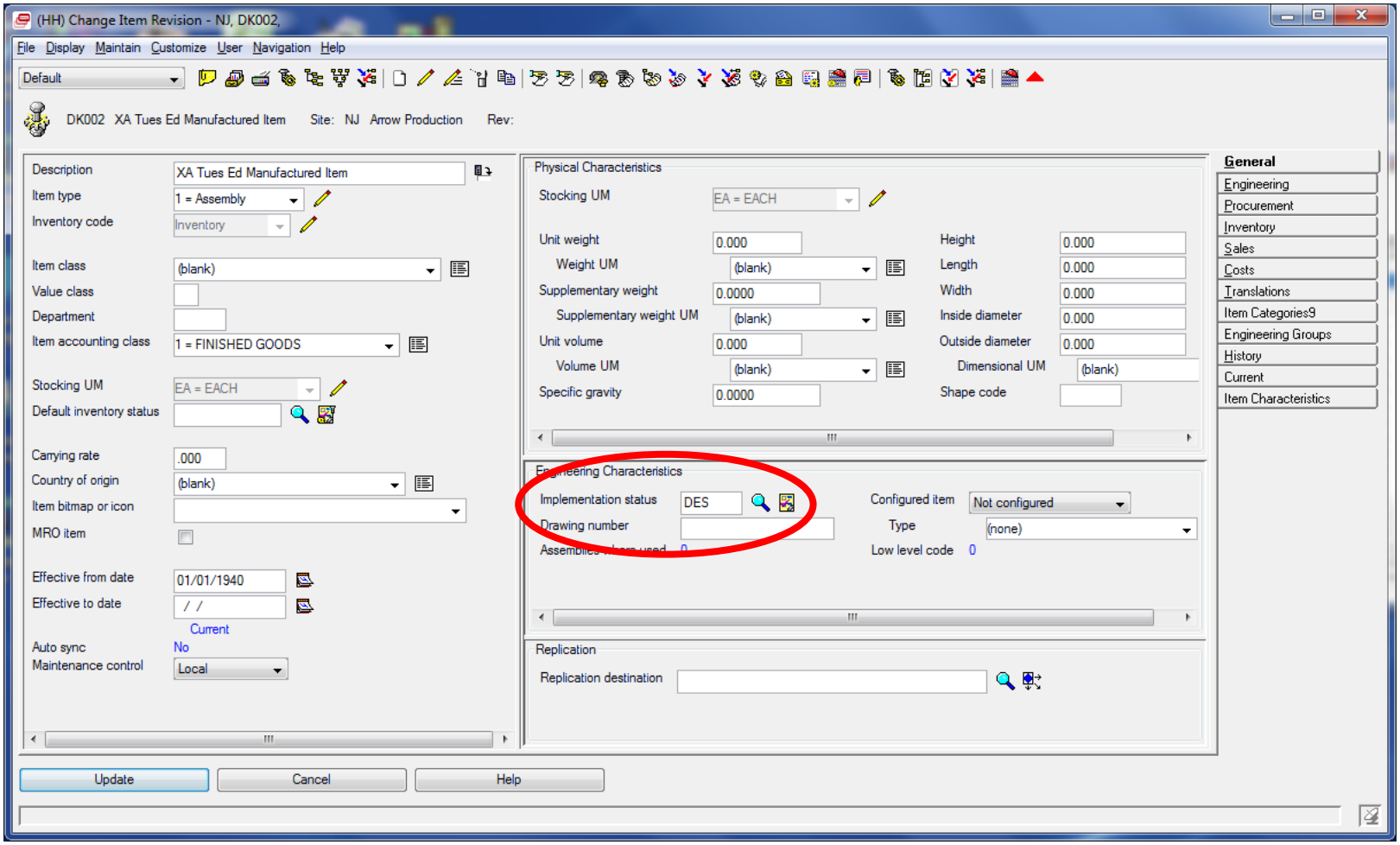
Join

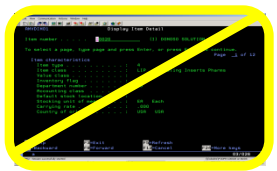


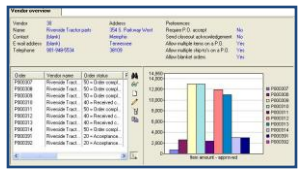
Moving Forward with XA



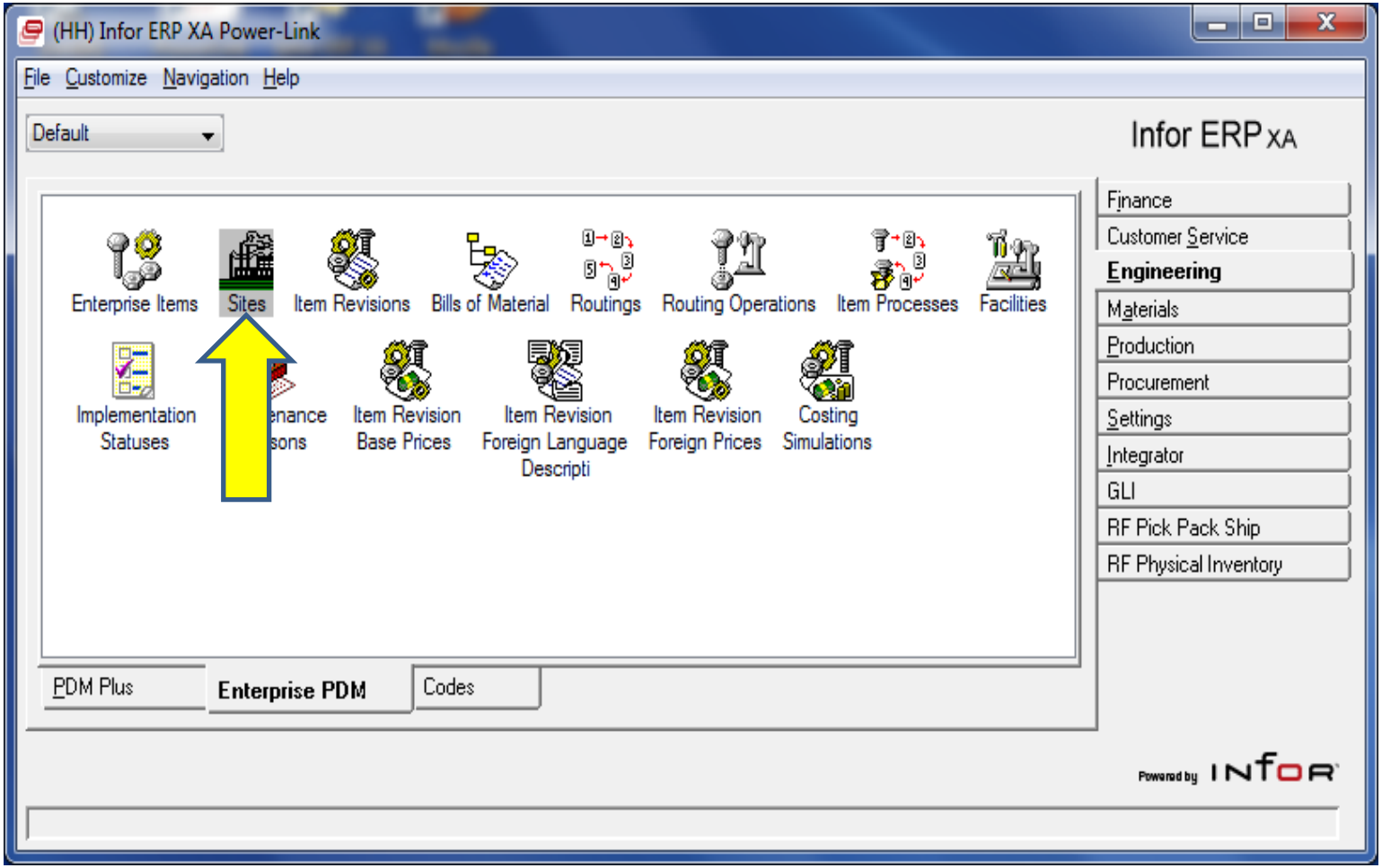
Implementation Status – Item Rev

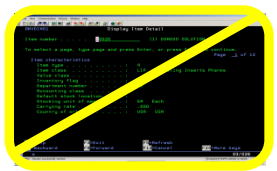




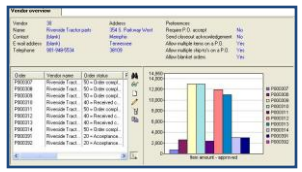


R9 Has New Site-Item Object

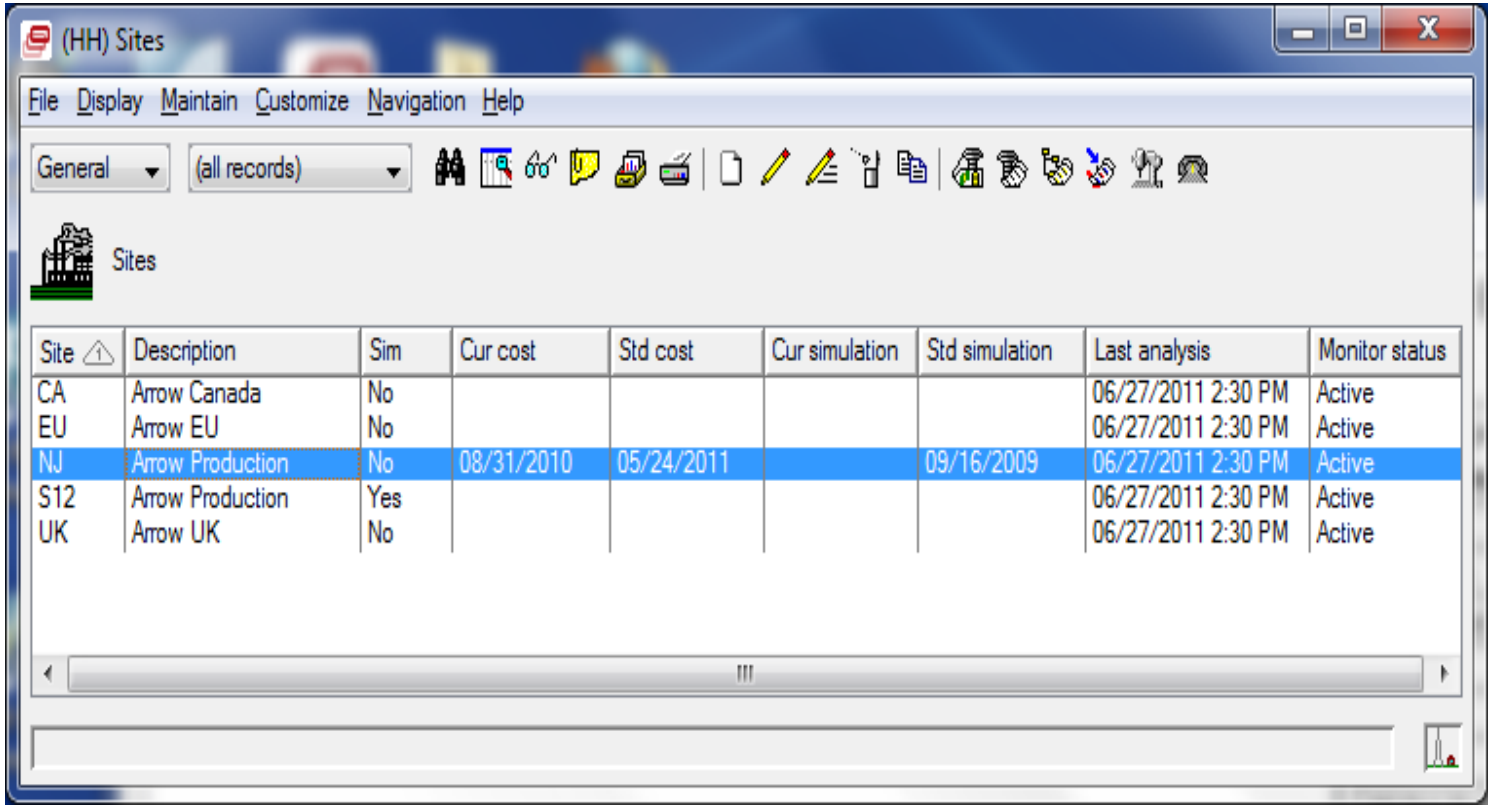




Moving Forward with XA

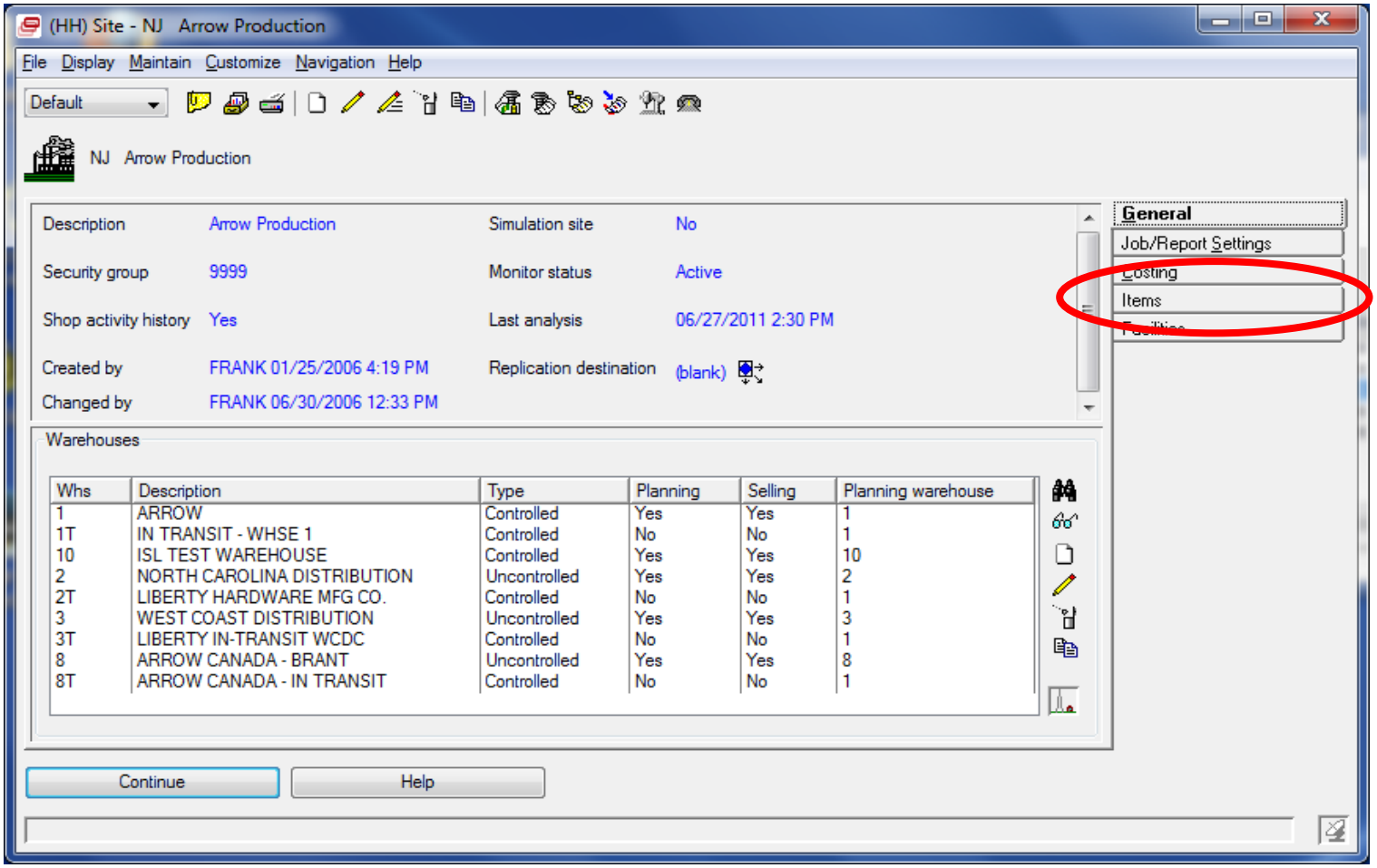


R9 Has New Site-Item Object

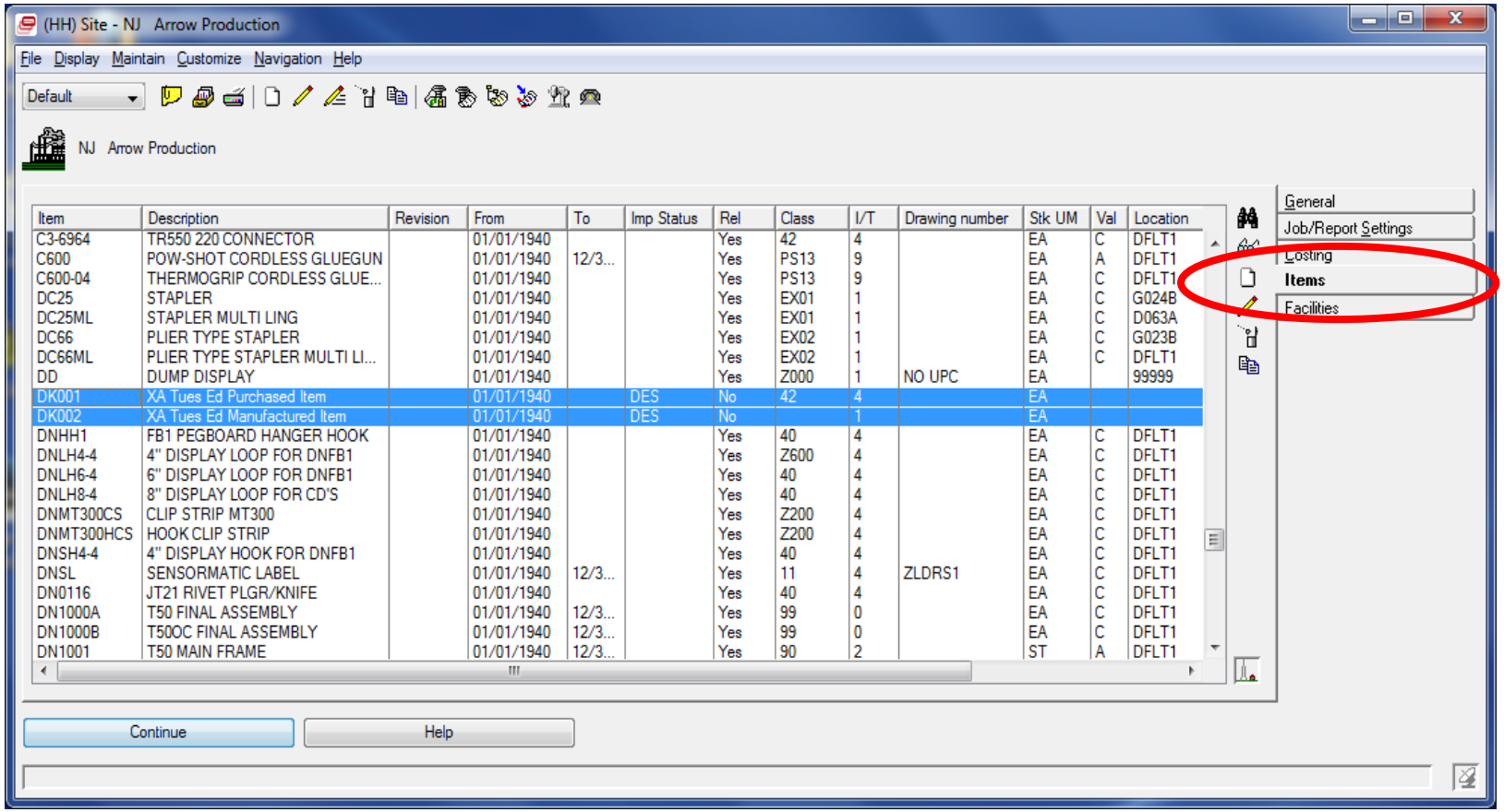


Double-click on desired Site

R9 Has New Site-Item Object

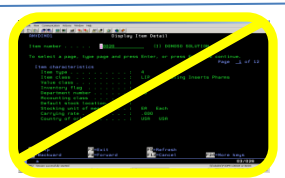


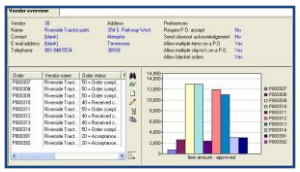
Site-Item Object



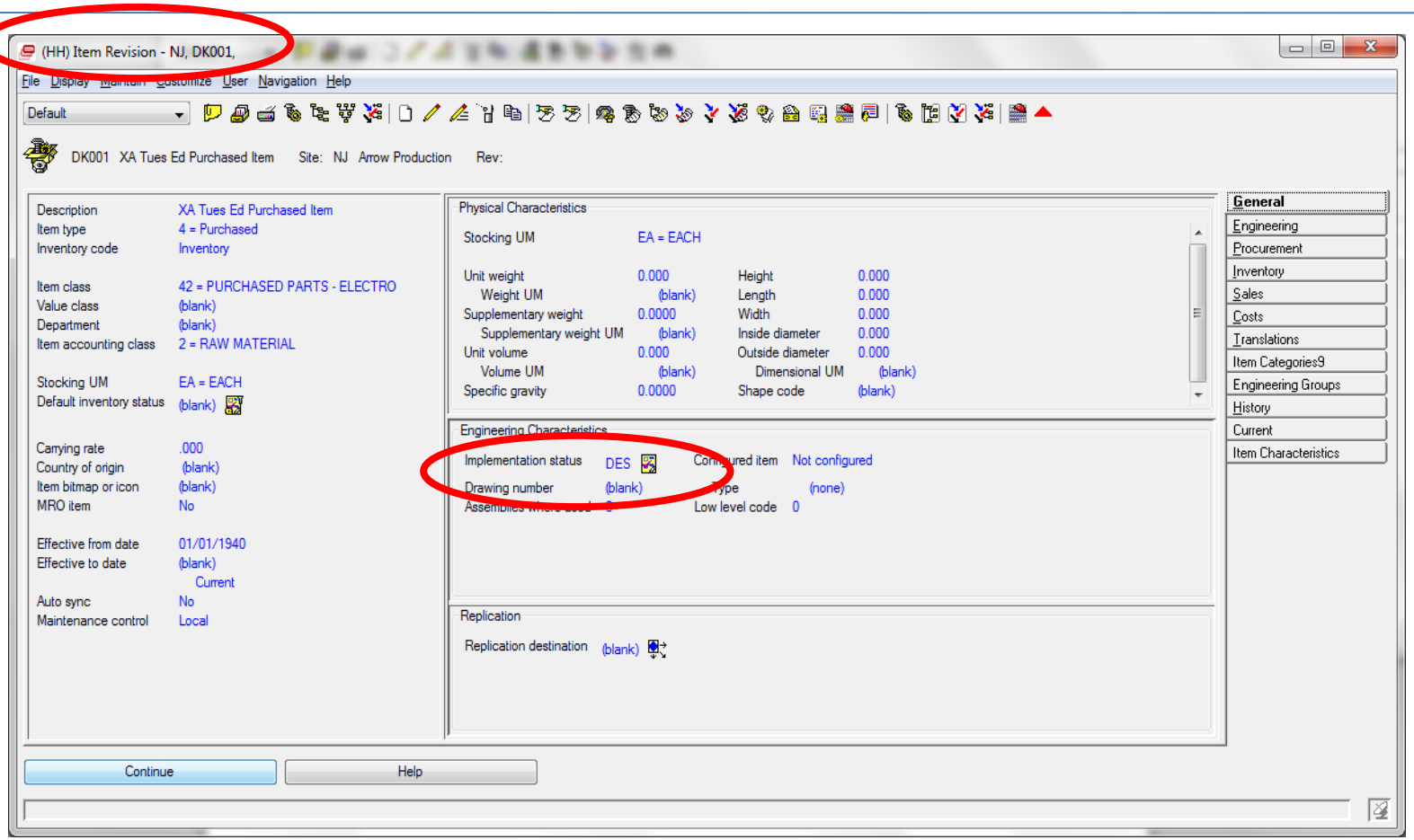
Item	Description	Revision	From	To	Imp Status	Rel	Class	I/T	Drawing number	Stk UM	Val	Location
C3-6964	TR550 220 CONNECTOR		01/01/1940			Yes	42	4		EA	C	DFLT1
C600	POW-SHOT CORDLESS GLUEGUN		01/01/1940	12/3...		Yes	PS13	9		EA	A	DFLT1
C600-04	THERMOGRIP CORDLESS GLUE...		01/01/1940			Yes	PS13	9		EA	C	DFLT1
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	T50OC 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

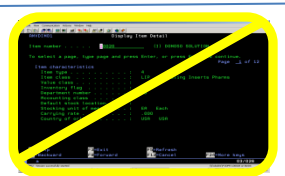


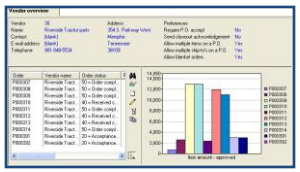


Site – Item Object in R9



Item Revision Cardfile is displayed



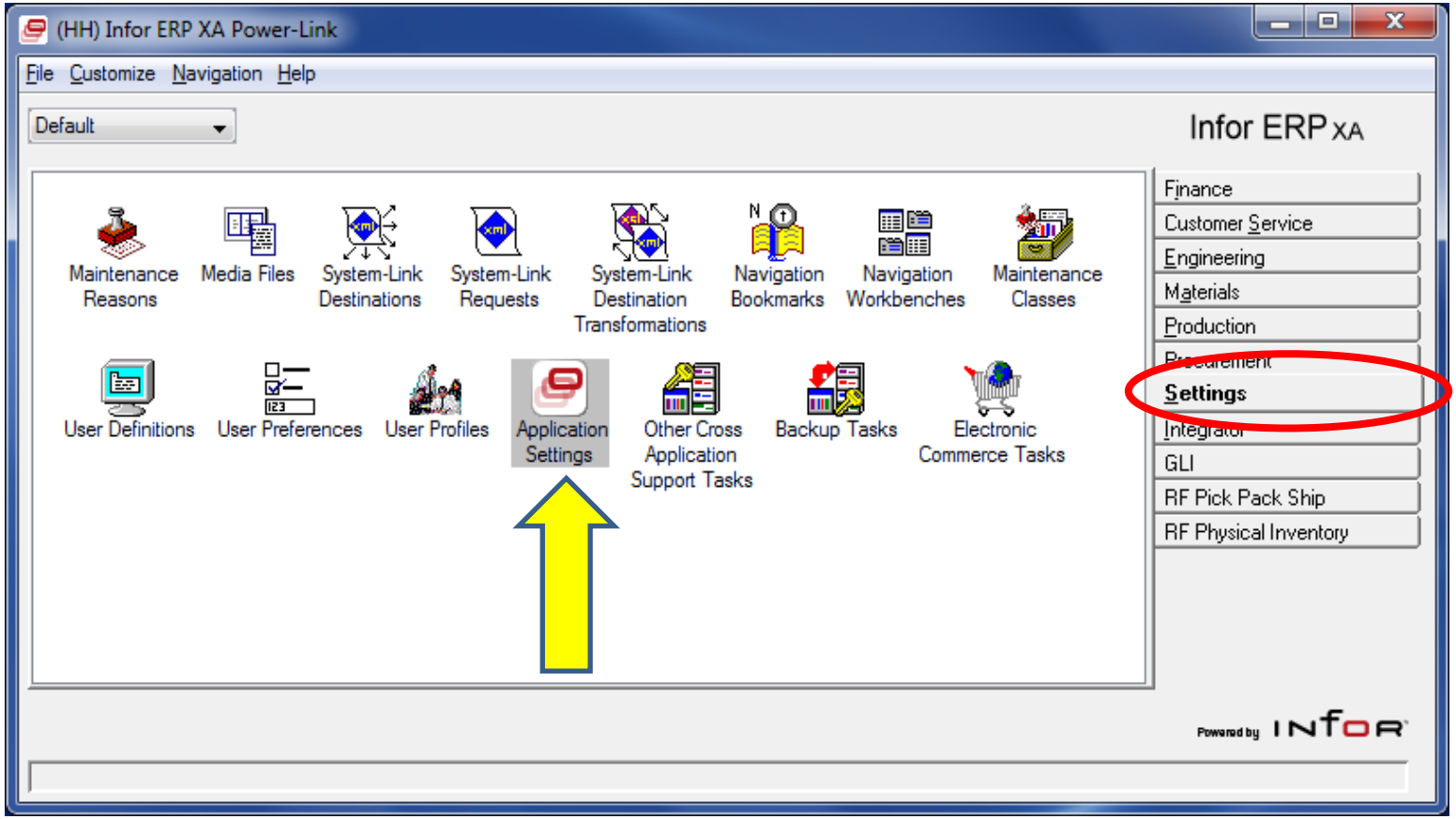


Default Implementation Status

(ALL): This implementation status is the default implementation status assigned to non-configured item revisions. Initially, all of the status codes for this implementation status are set to Yes. At Release 9, this implementation status is assigned to any existing, non-configured item revisions that do not have an implementation status and to any new non-configured item revisions created with an implementation status of (blank).

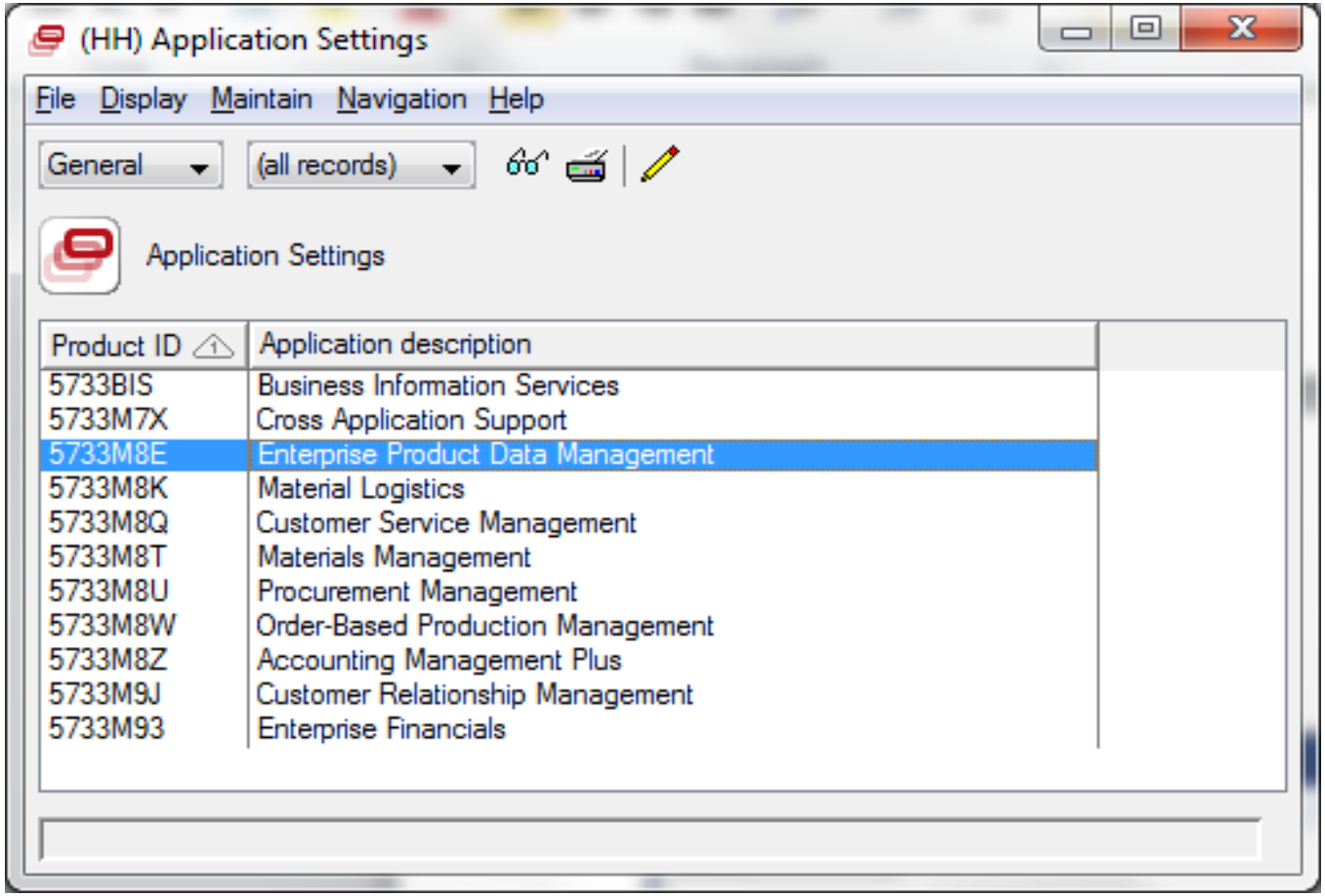
(CFG): This implementation status is the default implementation status assigned to configured item revisions. Initially, all of the status codes for this implementation status are set to Yes except Maintain bill of material and Maintain routing. At Release 9, this implementation status is assigned to any existing, configured item revisions that do not have an implementation status and to any new configured item revisions created with an implementation status of (blank).

Defaults can be Changed



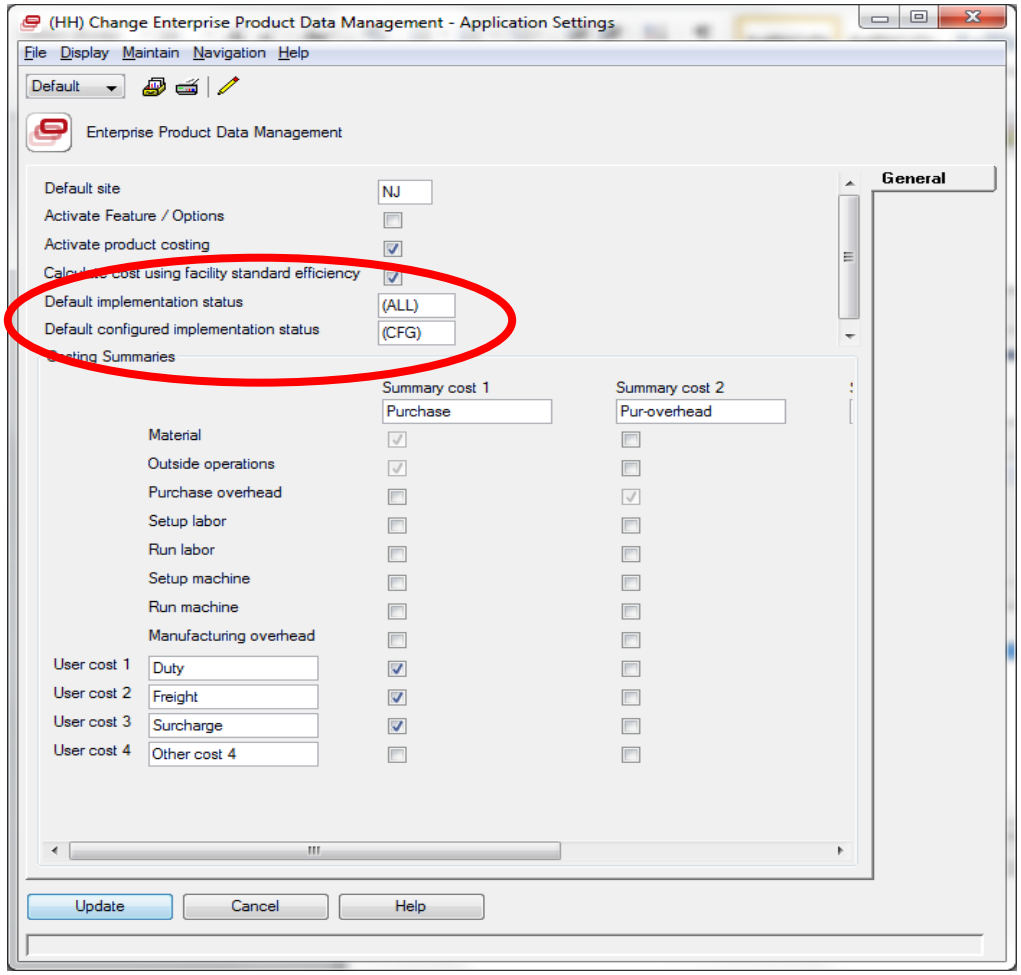
Double-click on Application Settings Icon

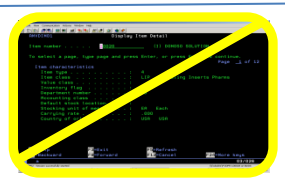
Default can be Changed

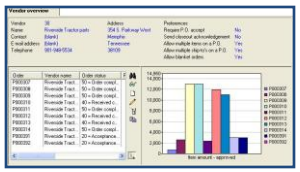
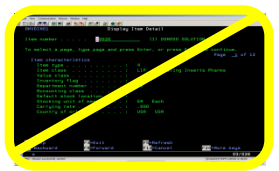
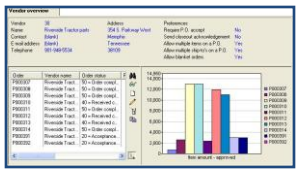


Double-click on EPDM

Defaults can be Changed







Questions ?