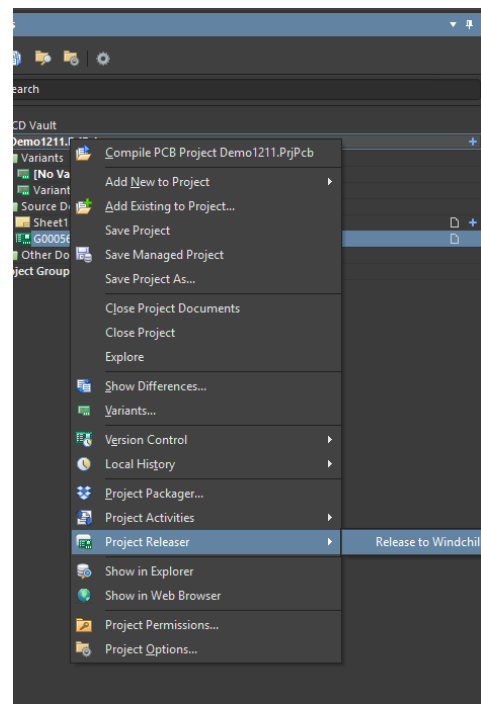


Release ECAD to Windchill



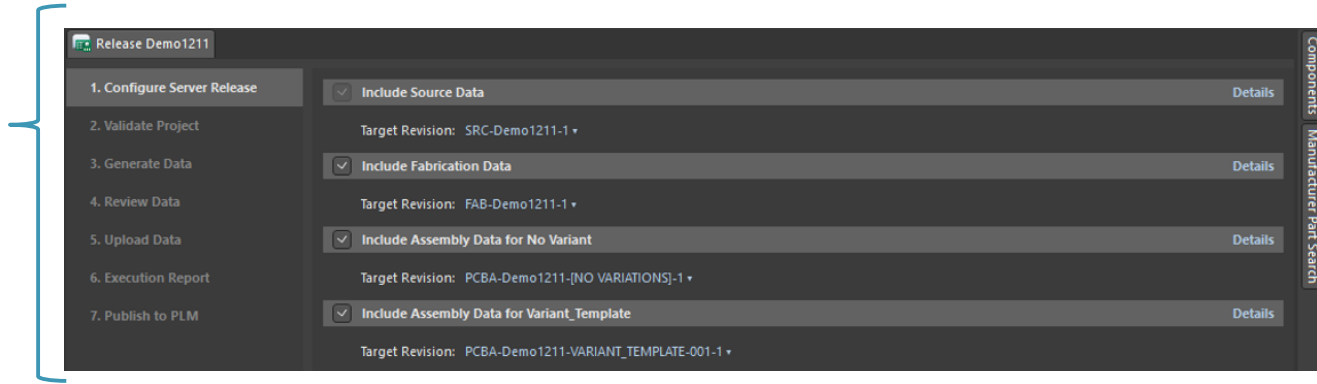
ECAD Work

Implement the Change

MAGNA Change Tasks



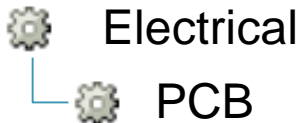
Electrical PCB Assembly
Electrical PCB/Array



Release ECAD to Windchill



Altium-WC Sync
Get PCB Assembly
Get PCB



ECAD Work



Electrical PCB Assembly
Electrical PCB/Array

Implement the Change

MAGNA
Change Tasks

Release ECAD to Windchill

Implement the Change

ECAD Work

MAGNA
Change Tasks

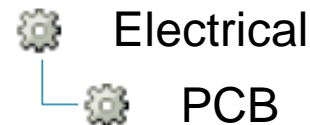
▶ Altium-WC Sync
Get PCB Assembly
Get PCB

▶ Create Variants in Altium



Electrical PCB Assembly
Electrical PCB/Array

Identity	Quantity
<ul style="list-style-type: none"> G0005663, PCB.Asm - WC, NEXUS, DEMO, 11/12, 01.3 (Engine <ul style="list-style-type: none"> G0005659, PCB.Array - WC, NEXUS, DEMO, 11/12, 01.4 (Ei 1 G0005658, PCB - WC, NEXUS, DEMO, 11/12, 01.2 (Eng 1 G0050013, RES,1206,220K,5%, 01.1 (Engineering) 2 G0050042, RES,0805,10.5K,1%, 01.1 (Engineering) 1 G0051360, CAP,SMD,100UF,20%,50V,ELECT, 01.1 (Enginee 1 G0052284, REG LP3990TLX-2.8 2,8V DSBGA4, 01.1 (Engin 1 G0059804, CAP,0805,10K,5%,50V,X8R, 01.1 (Engineering) 2 	

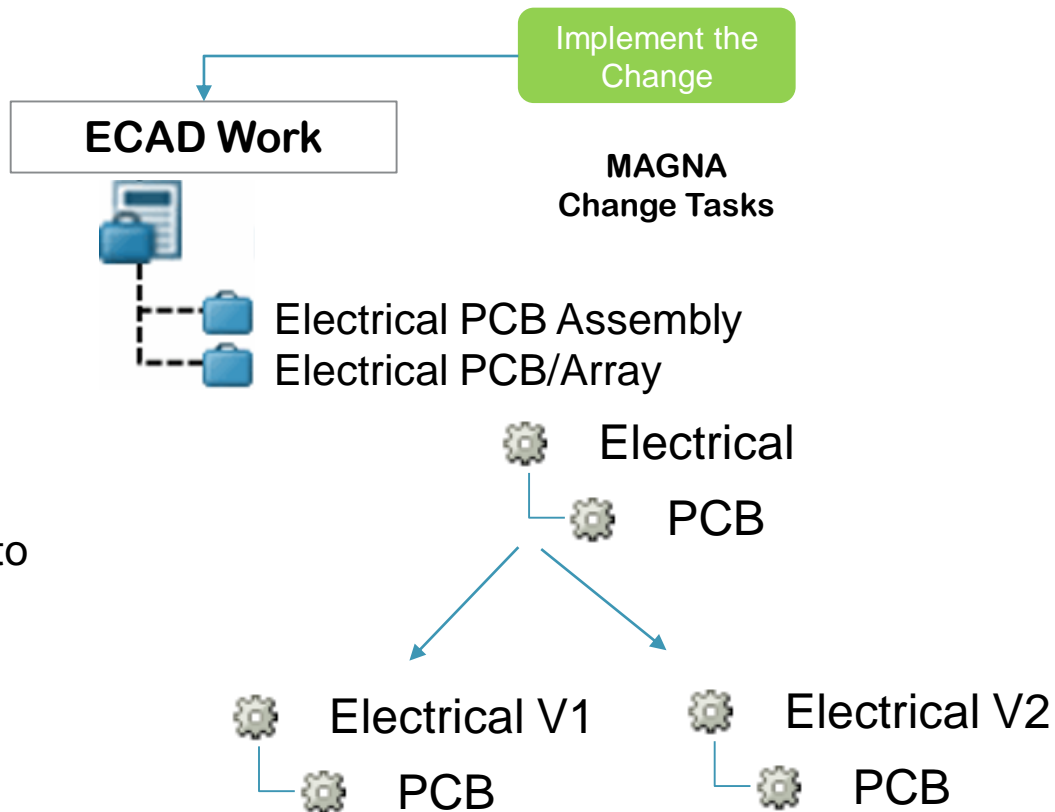


Create PCB Assembly

▶ Altium-WC Sync
Get PCB Assembly
Get PCB

▶ Create Variants in Altium

▶ Use Save As in Windchill to Create Variants Part Numbers



Create PCB Assembly

- ▶ Altium-WC Sync
Get PCB Assembly
Get PCB
- ▶ Create Variants in Altium
- ▶ Use Save As in Windchill to Create Variants Part Numbers
- ▶ Release to WC

ECAD Work



Electrical PCB Assembly

Electrical PCB/Array

Implement the Change



FINAL ASSEMBLY

Hardware



Electrical
PCB



Electrical V1
PCB



Mechanical



Software

Implement the Change

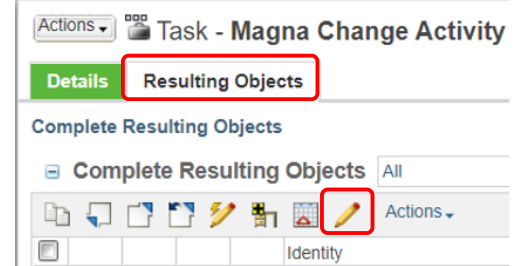
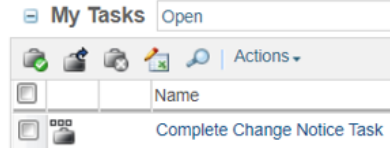
Edit Change Activity of CN

 Electrical PCB Assembly

Go to Change Notice Task
Go to Resulting Objects

Edit Change Task 

Add Affected/Resulting Objects based on **use case**



Affected Objects

Resulting Objects

Implement the Change

 Electrical PCB Assembly

New Design/Product

Add Affected/Resulting Objects in case of **New Design**

Affected Objects

- There are NO objects

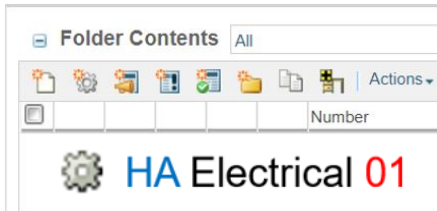
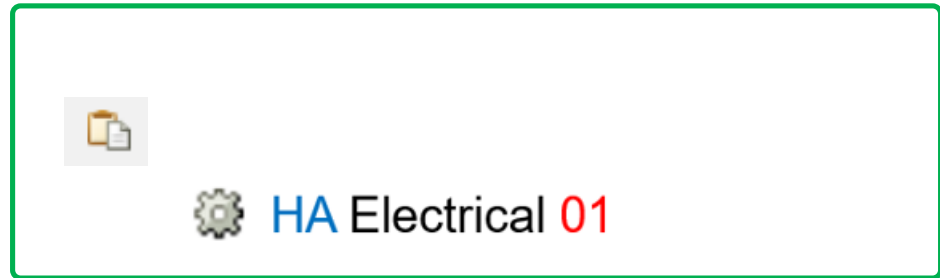
Resulting Objects

- Use Copy /Paste

Affected Objects



Resulting Objects



Implement the Change

 Electrical PCB Assembly

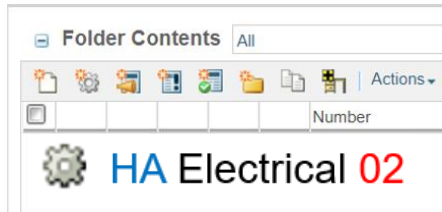
Add Affected/Resulting Objects in case of Existing Design

Affected Objects

- Add Existing Version

Resulting Objects

- Use Copy /Paste



Existing Design/Product

Affected Objects

 HA Electrical 01

Resulting Objects

 HA Electrical 02

Implement the Change

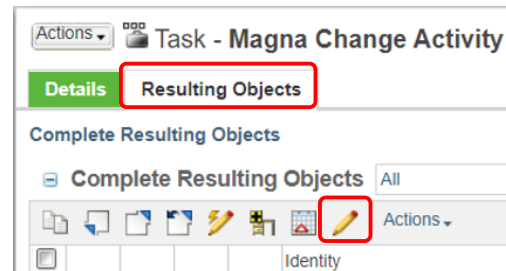
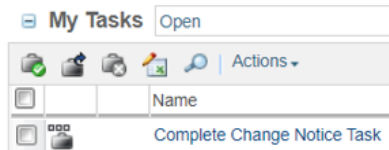
Edit Change Activity of CN

 Electrical PCB/Array

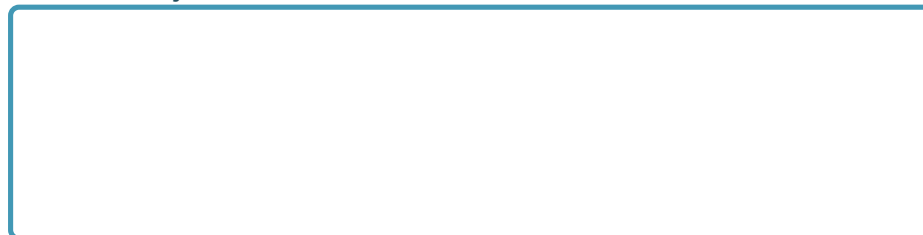
Go to Change Notice Task
Go to Resulting Objects

Edit Change Task 

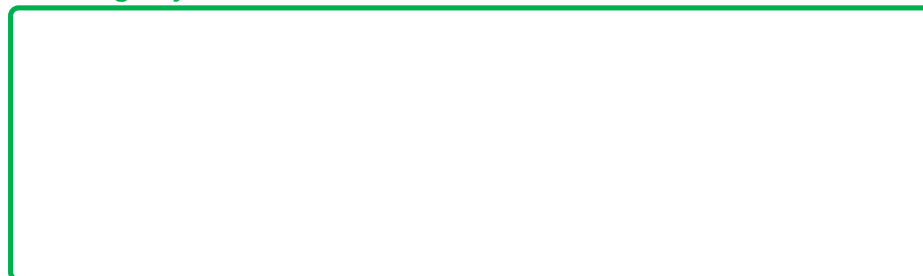
Add Affected/Resulting Objects based on **use case**



Affected Objects



Resulting Objects



Implement the Change

 Electrical PCB/Array

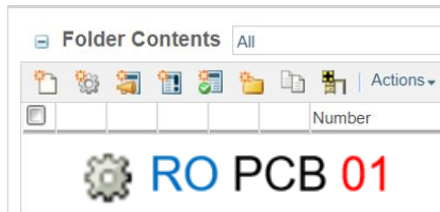
Add Affected/Resulting Objects in case of **New Design**

Affected Objects

- There are NO objects

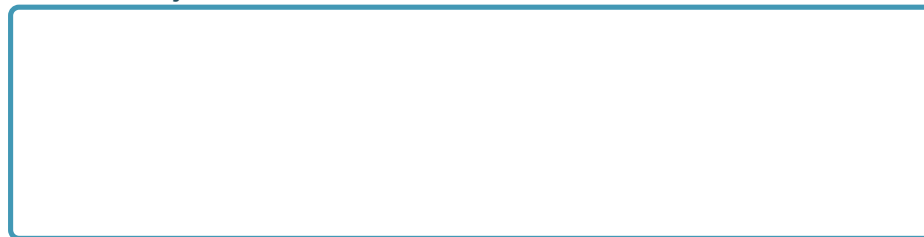
Resulting Objects

- Use Copy /Paste

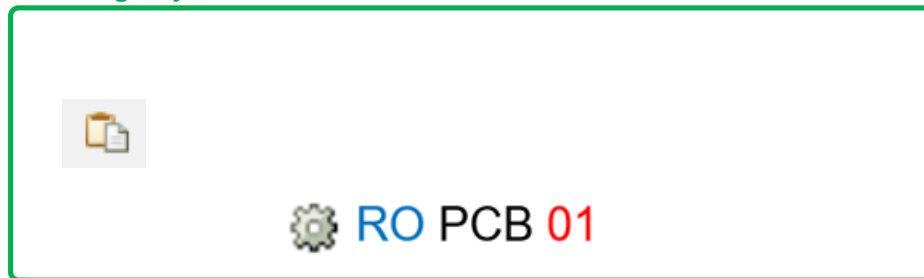


New Design/Product

Affected Objects



Resulting Objects



Implement the Change

 Electrical PCB/Array

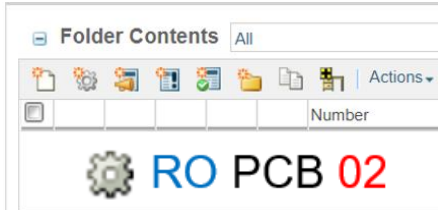
Add Affected/Resulting Objects in case of Existing Design

Affected Objects

- Add Existing Version

Resulting Objects

- Use Copy /Paste



Existing Design/Product

Affected Objects

 RO PCB 01

Resulting Objects

 RO PCB 02

