


Hotswap Beckhoff PLC with Licence Slice Installed

Swapping a Beckhoff PC on an machine with EL6070 Licence Slice installed

 Difficulty **Medium**

 Duration **15 minute(s)**

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Comments

Introduction

If a machine is set up with an EL6070 Licence Slice, the PLC can be swapped freely and the TwinCAT licence remains on the slice in the machine

Note: Beckhoff PCs involved are Windows 10 versions order code C0001182



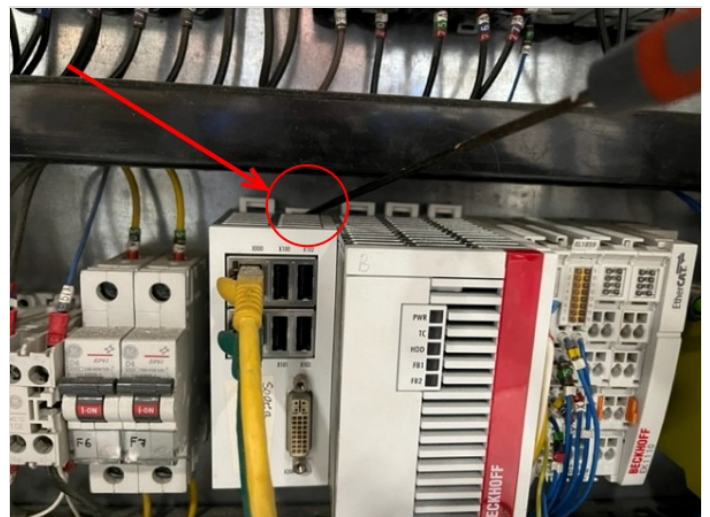
...If a replacement PC is supplied, the CFAST card will need to be exchanged from the non functional PC to the new PC

Step 1 - Power Off

Step 2 - Pop the retaining clips for the PC

There are a row of retaining clips on bot the top and bottom of the PC that hold it to the Din rail.

Pop them open with a flathead screwdriver



Step 3 - Remove the network cables



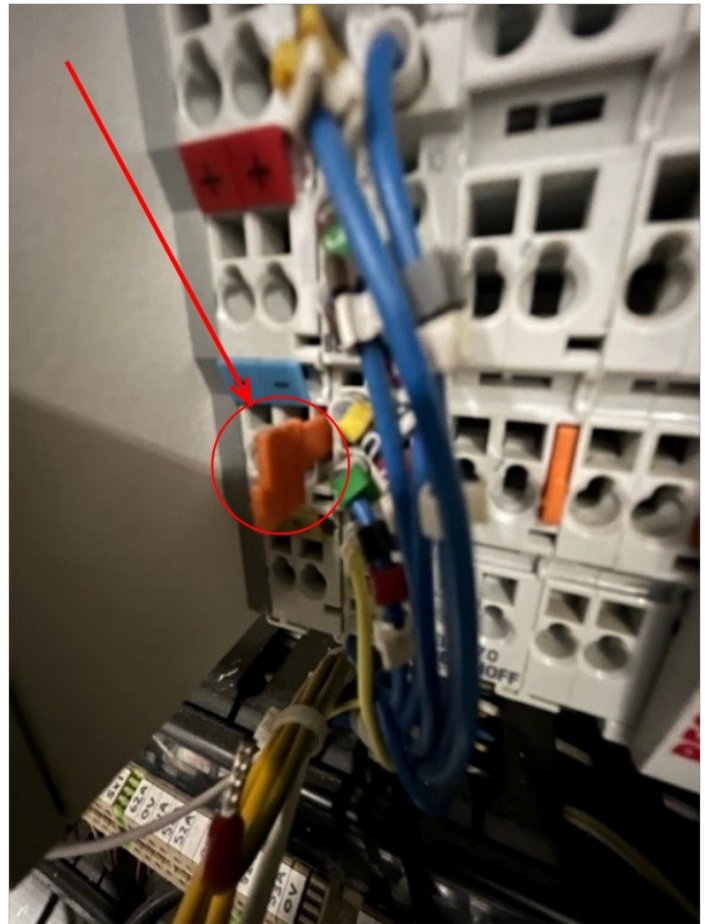
Step 4 - Remove the power cables

On the right hand side of the PC there are 2 columns of yellow, white and earth power cables. All must be removed using a small flathead screwdriver to release the friction clamps on the cables



Step 5 - Pull the Orange Retaining clip

This clip is the final fastening to the din rail



Step 6 - Swap the PCs

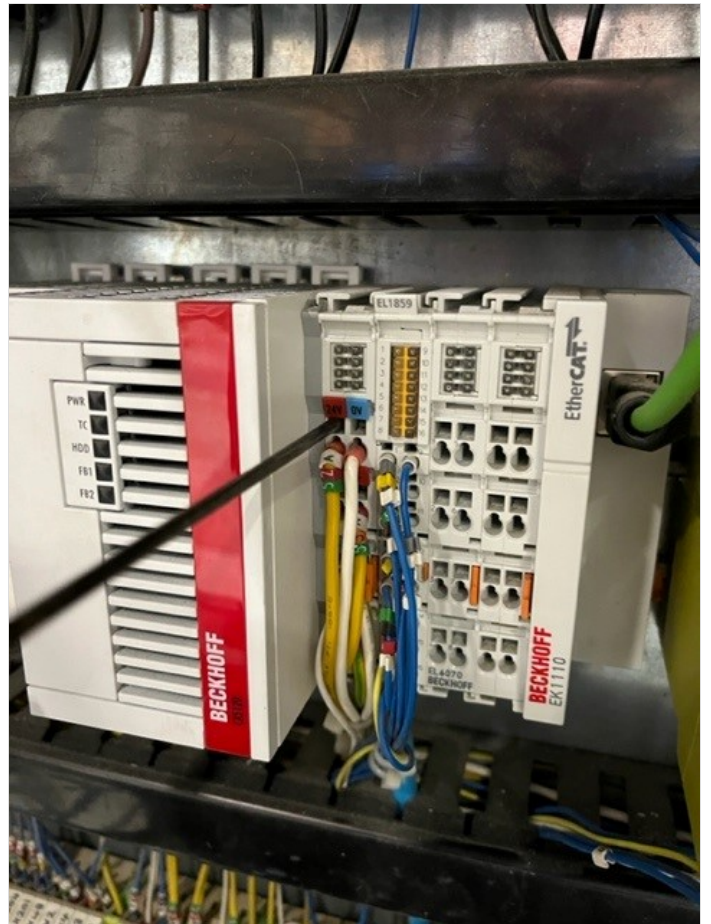


Step 7 - Reattach Power Cables

Yellow into + / 24v

White into - / 0v

G/Y into PE



Step 8 - Replace Network Cables

Yellow in top

Green in Bottom



Step 9 - Change the AMS Net Id settings

In the c:\ddrive\params.saw file, two AMS Net Id's need to be changed
The specific values are unique for each PC used

- refer to the c:\DDRIVE\log.mul file

