Advantech SE Technical Share Document

Date	2020 / 11 / 19	**Related Product**	CODESYS
Category	■ FAQ □ SOP □ Driver Tech Note		
Abstract	如何在CODESYS中匯出GSD檔作為Controller站		
Keyword	PROFINET、Controller 站、GSD。		
Related OS	WINDOWS、		

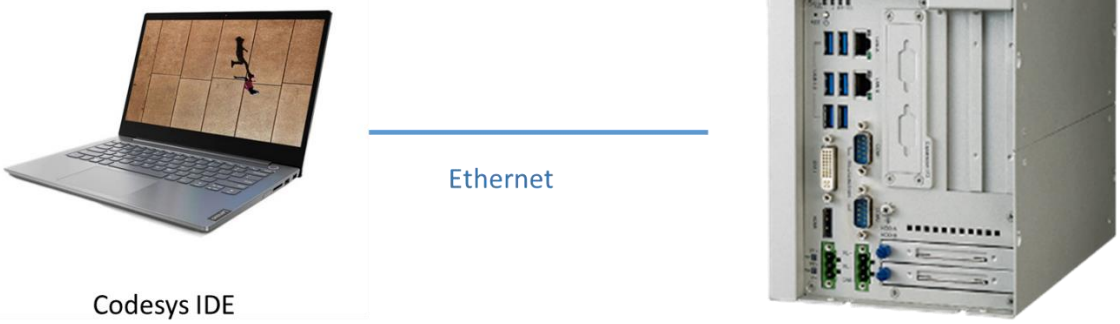
Revision History				
Date	Version	Author	Reviewer	Description
2020/11/19	V1.0	Tenjin.Lin	Nick.Liu	CODESYS V3.5 SP16

1 Problem Description & Architecture:

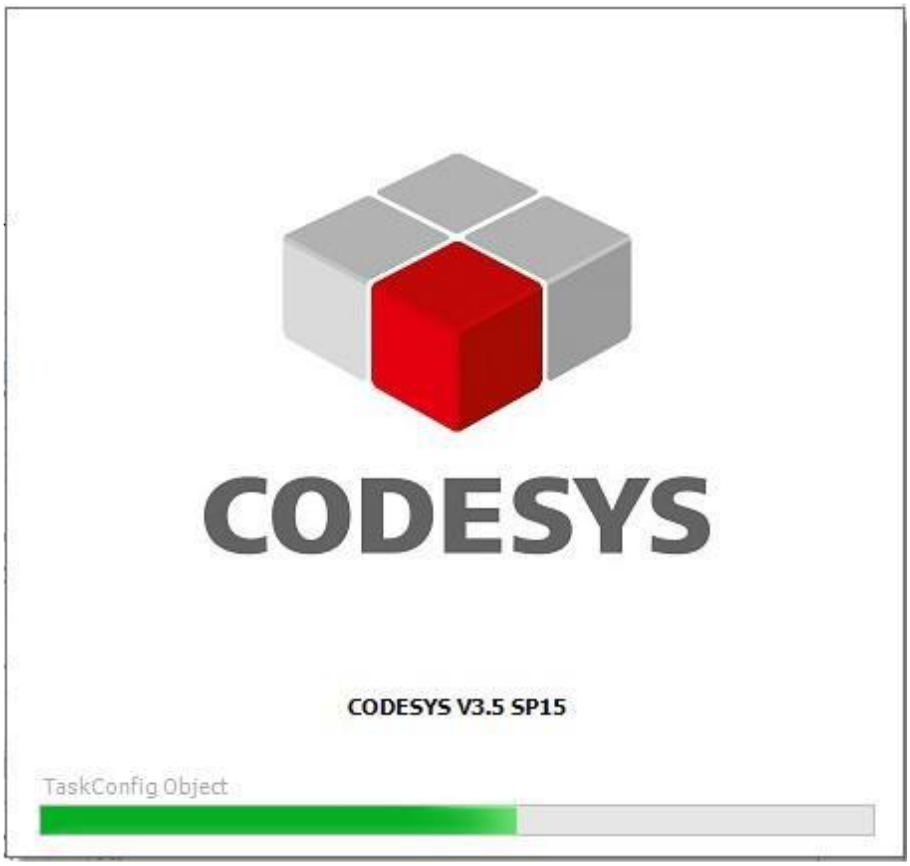
本文主要介紹如何在 CODESYS 中匯出 GSD 檔作為 Controller 站的方式。

2 Brief Solution - Step by Step:

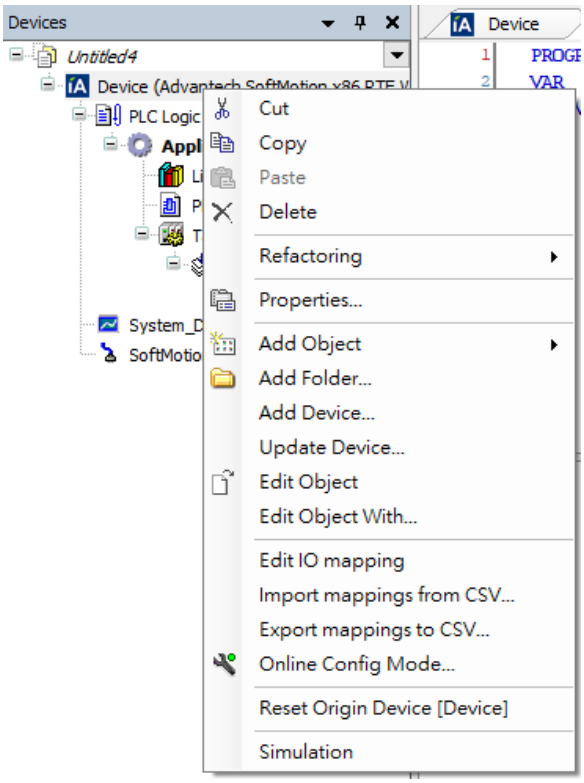
2.1 硬體架構



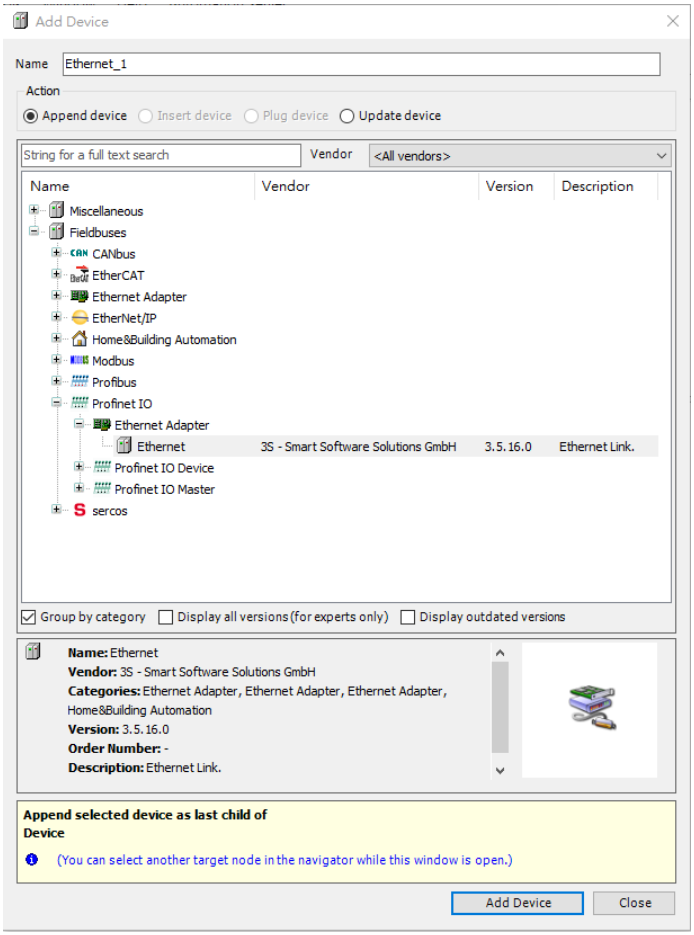
3 開啟 CODESYS IDE



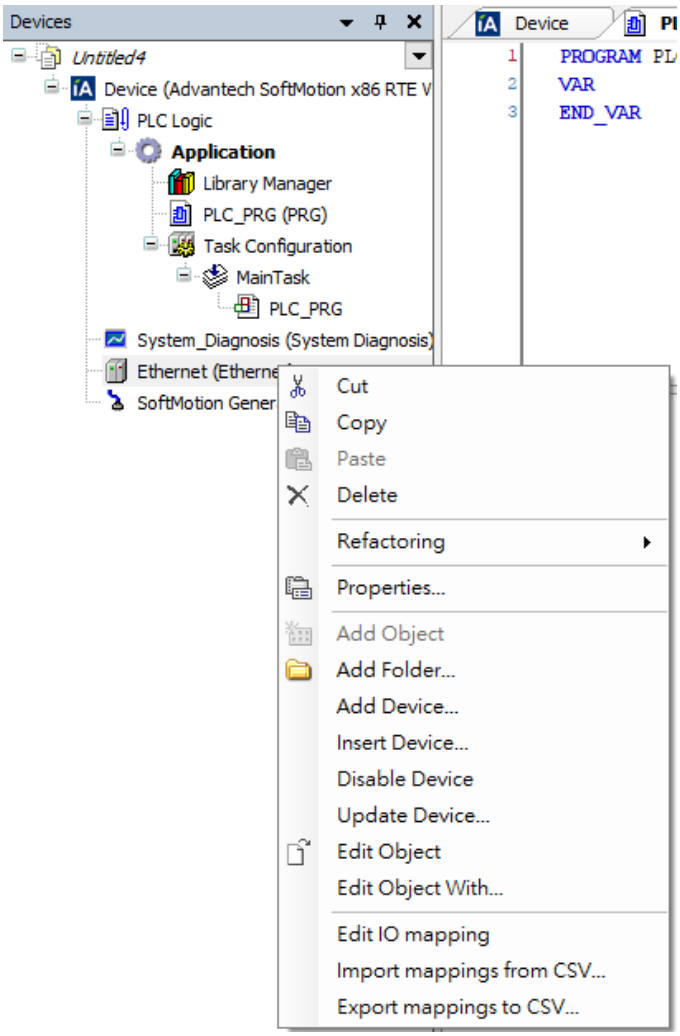
3.1 對 Device 點擊右鍵 Add Device



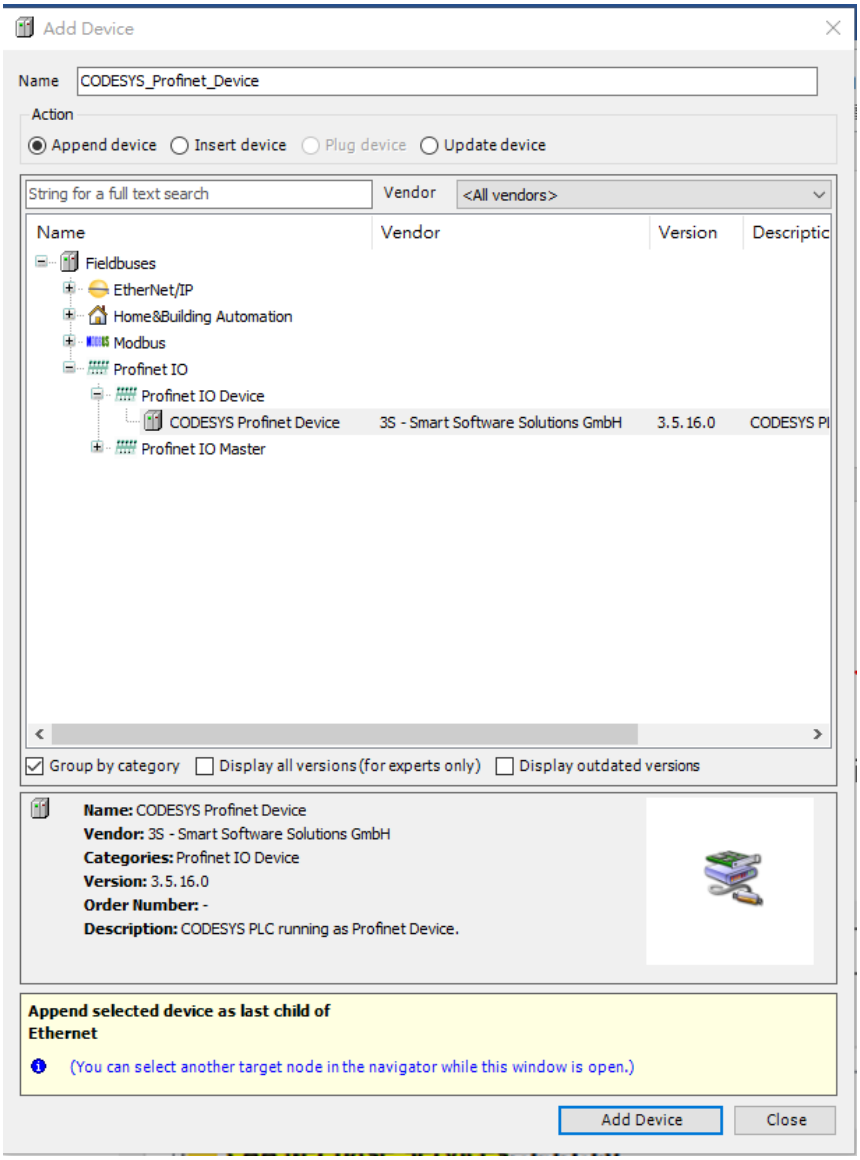
3.2 點選 ProfinetIO -> Ethernet Adapter -> Ethernet



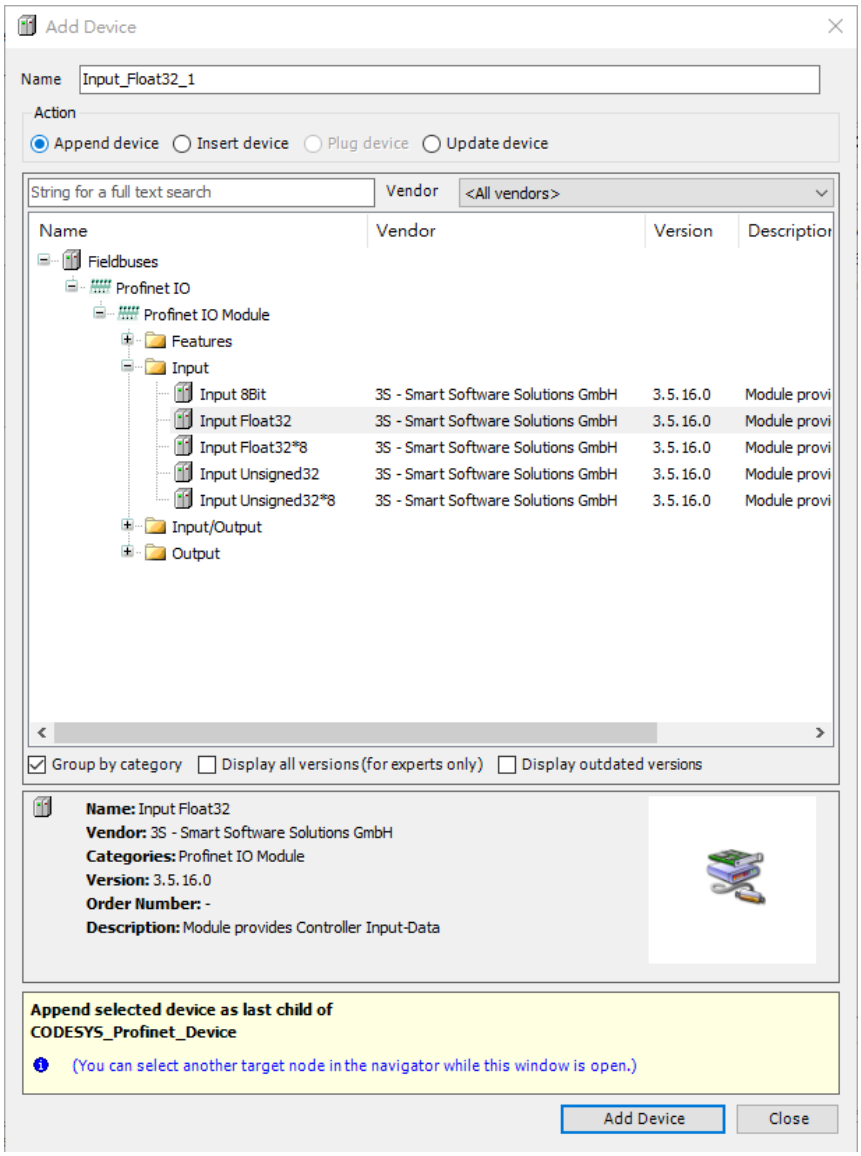
3.3　Device 上就會出現 Ethernet 的設備，對其點擊右鍵，選擇 Add Device。



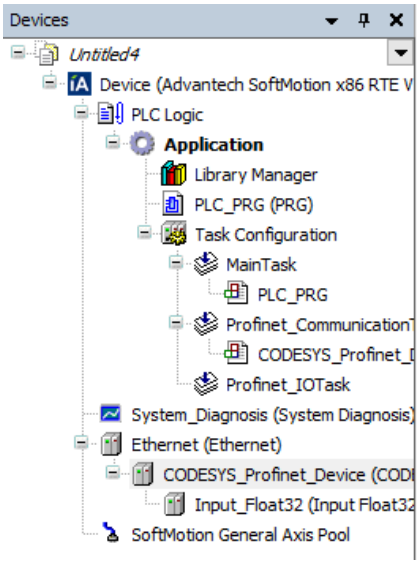
3.4 點擊 Profinet IO -> Profinet IO Device ->CODESYS Profinet Device，並按下 ADD Device。



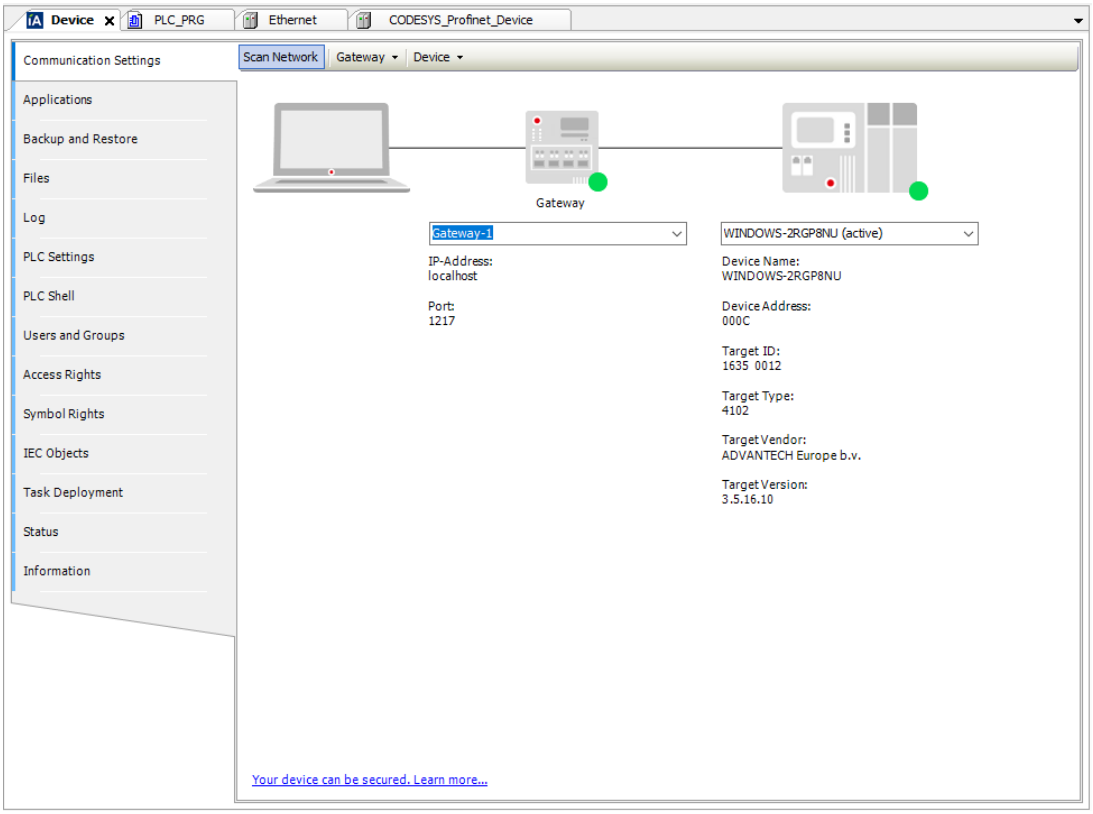
3.5　對 CODESYS Profinet Device 按右鍵 ADD Device，依照需求選擇所要的 Device。



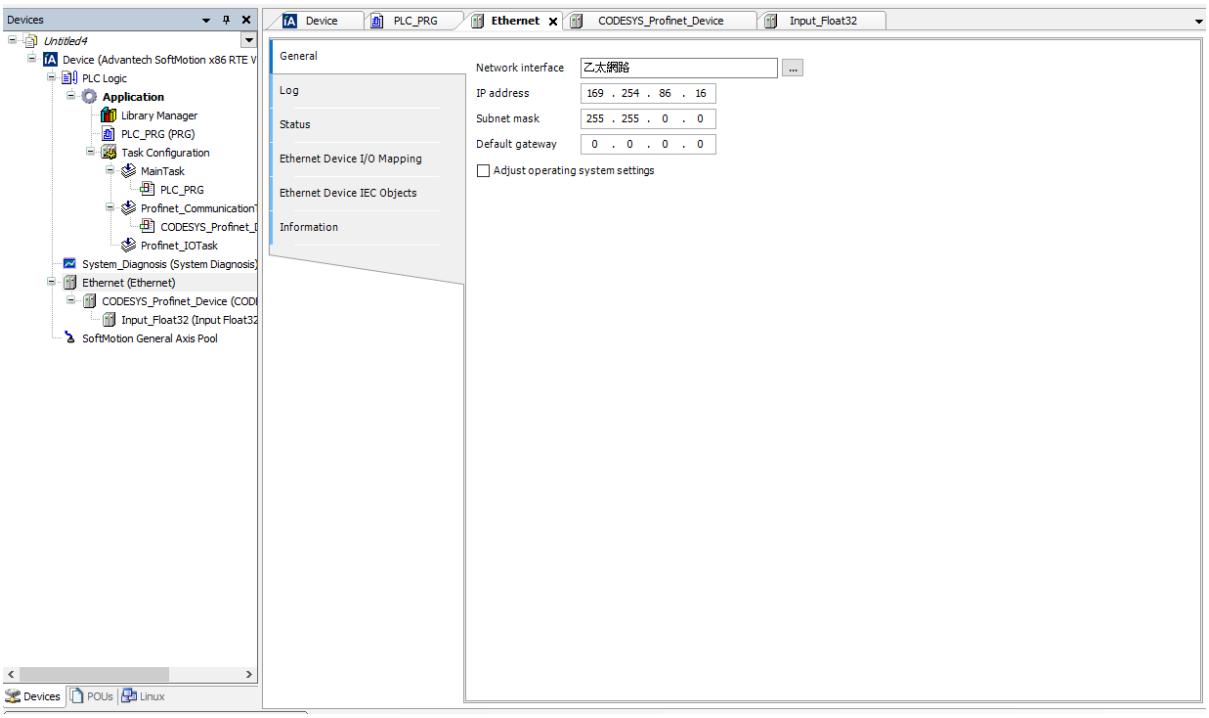
3.6　完成後如下



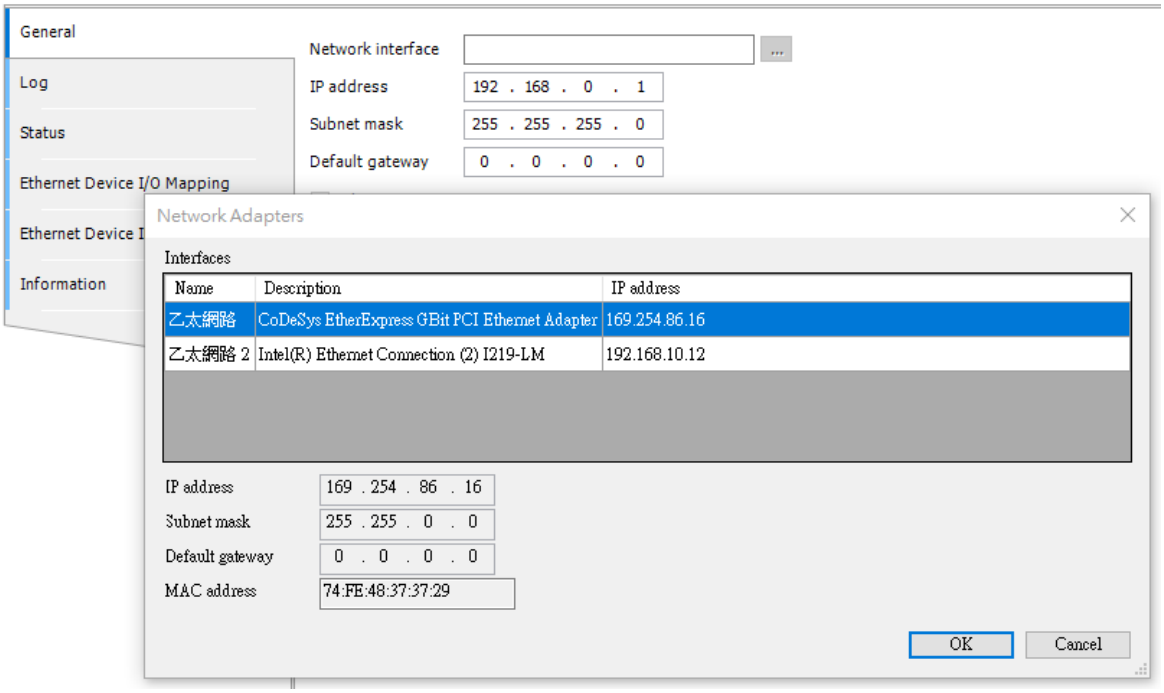
3.7 雙擊 Device 將 IDE 與設備連線



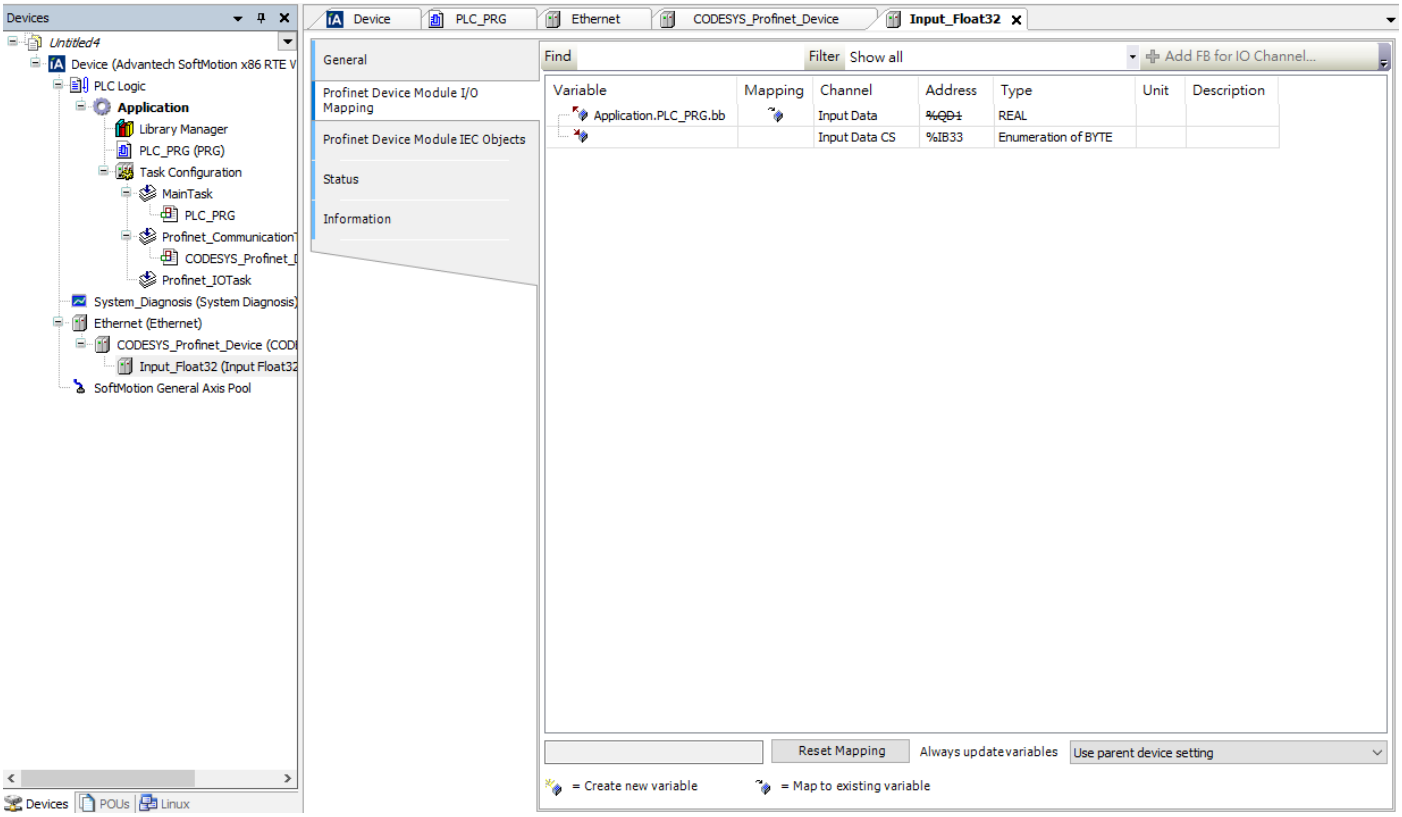
3.8 雙擊 Ethernet



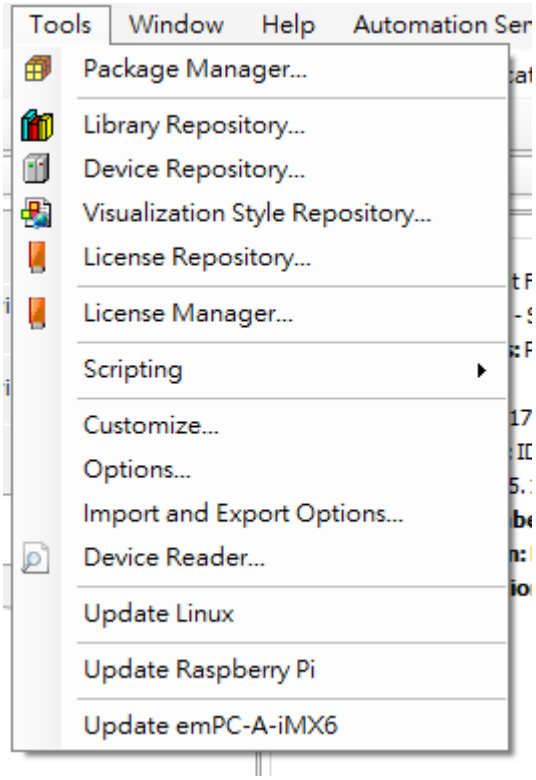
3.9　點選 Network interface 後方的…，選擇與 Profinet 主站所連結的網卡，並按下 OK。



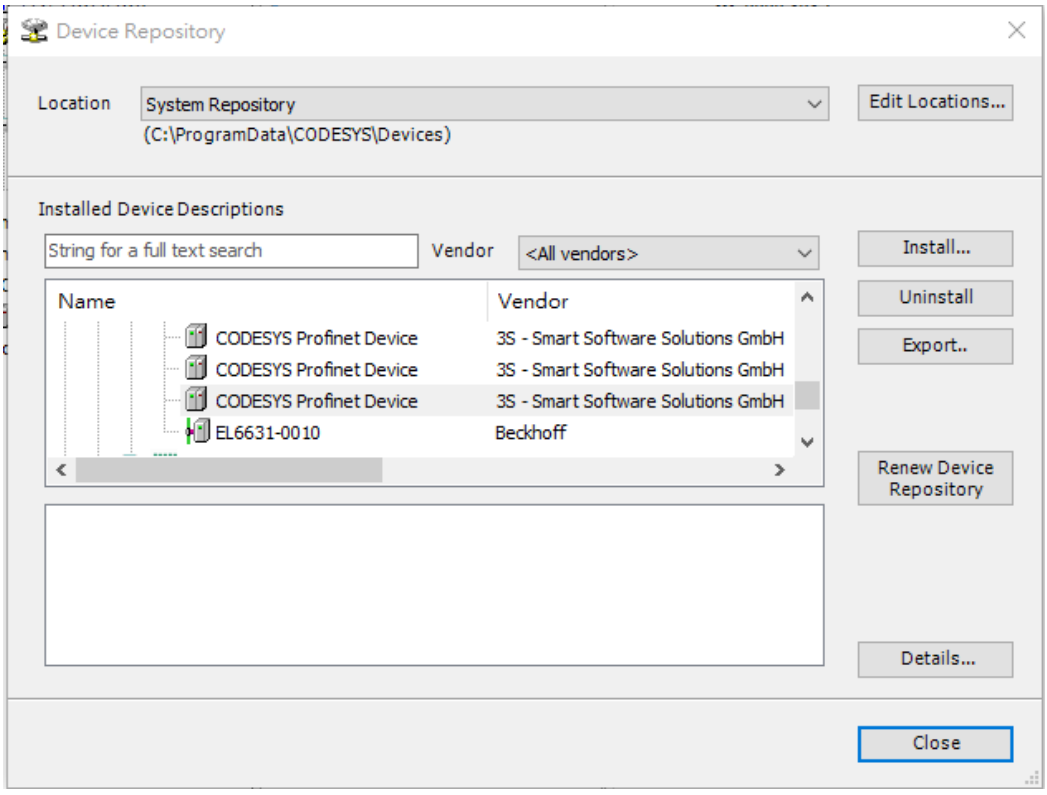
3.10 點擊 Input_Float32->Profinet Device Module I/O Mapping，將其 IO 與參數匹配。



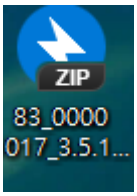
3.11　點擊工具列的 TOOL->Device Repository



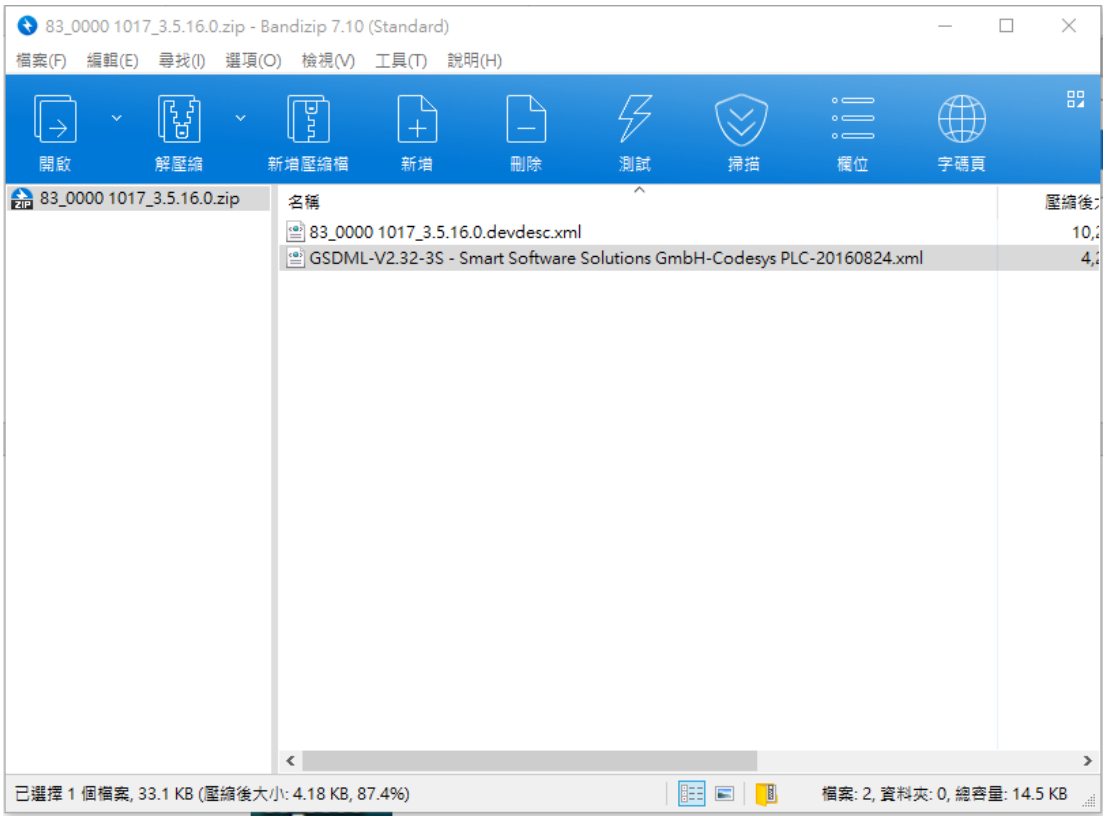
3.12　選擇 Fieldbuses->Profinet IO -> Profinet IO Device -> CODESYS Profinet Device 後點擊旁邊的 EXPORT，將 GSD 檔存到桌面



3.13　會看到桌面有一個壓縮檔



3.14　將其展開就會看到 GSD 檔了將此檔給主站匯入就可以讀到此 Controller 站了



Reference:

(1) CODESYS Online Help