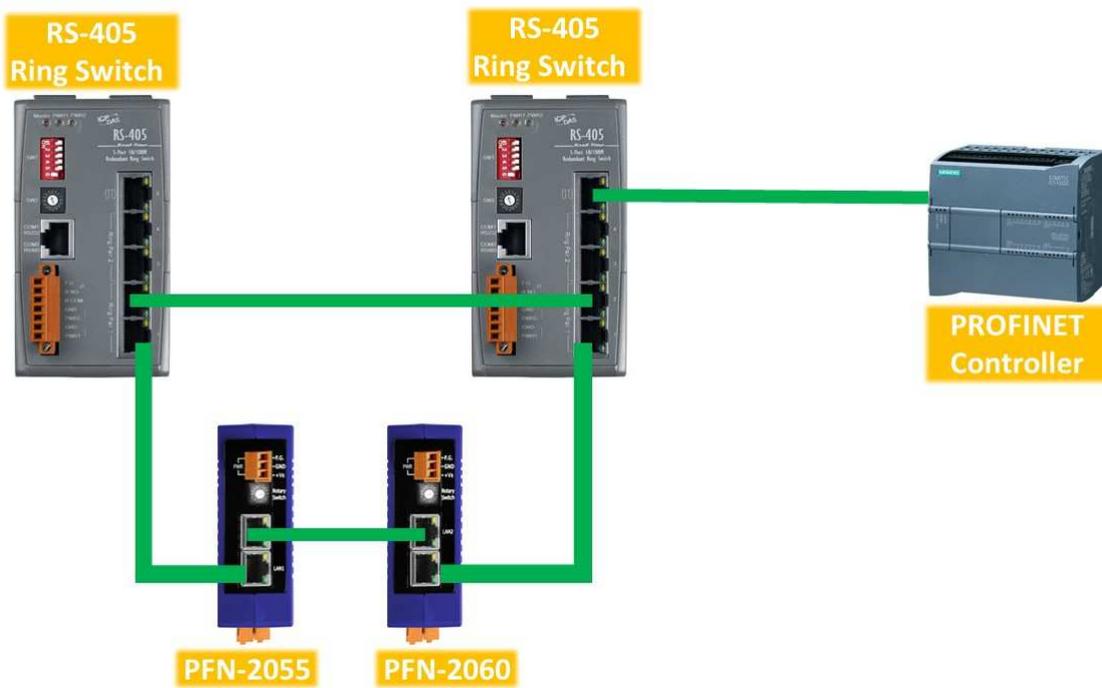


# 如何在 PROFINET 網路中使用環狀拓樸？

## 1. 架構圖



## 2. 接線方式

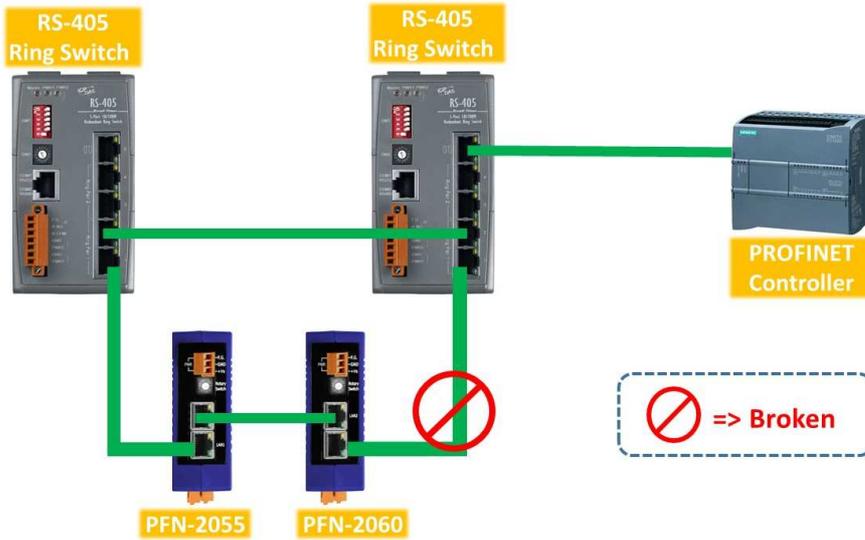


注意：此範例使用 Ring Pair 1，請將 SW1 之 bit6 設定為 ON

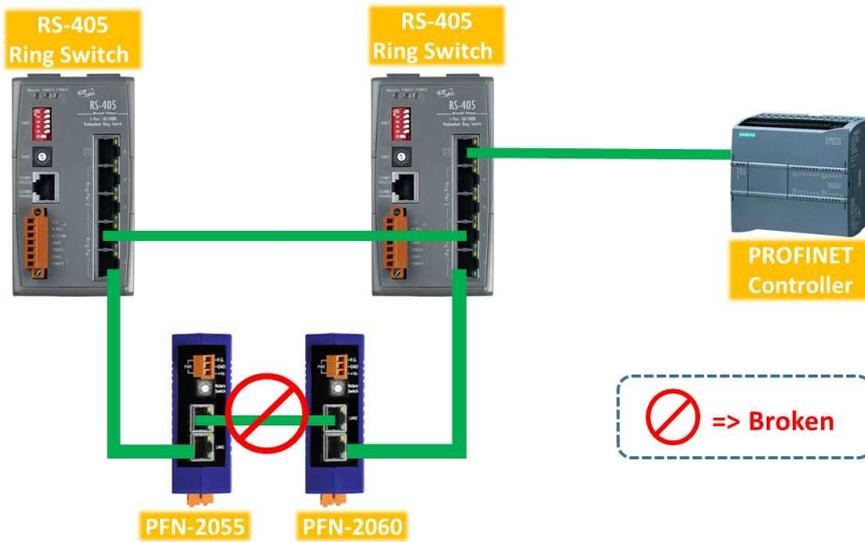


### 3. 確認 PROFINET 連線狀態

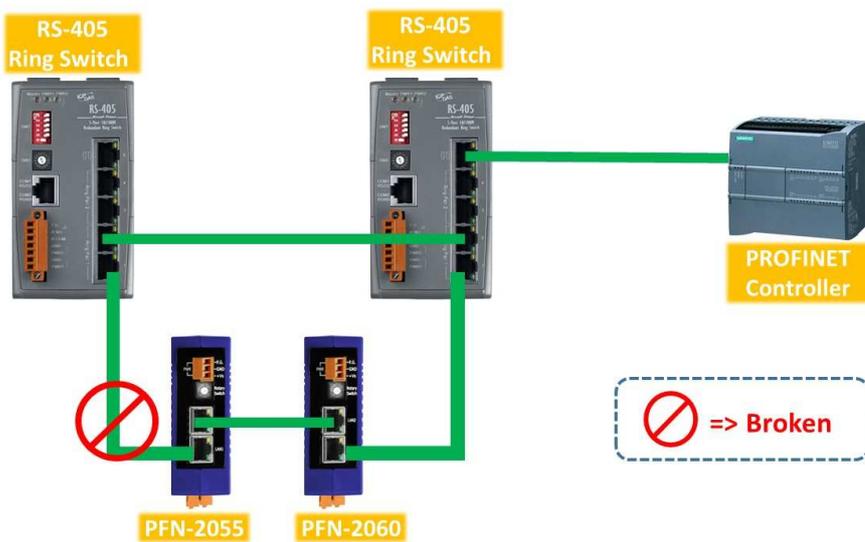
#### 測試 1



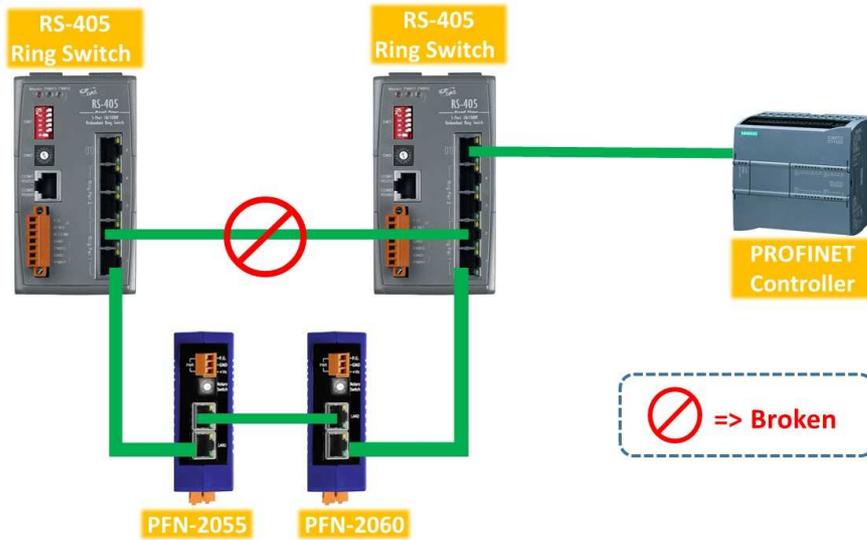
#### 測試 2



#### 測試 3



## 測試 4



結果：所有 PROFINET I/O 設備皆成功與 PROFINET 控制器連線

The screenshot shows the SIMATIC Manager software interface. The main window displays the network topology in the "Network view" tab. The IO system is labeled "IO system: PLC\_1.PROFINET IO-System (100)". The components shown are:

- PLC\_1 CPU 1211C
- PFN-2055 PFN-2000 2-Port...
- PFN-2060 PFN-2000 2-Port...

Green checkmarks and lines indicate successful connections between the CPU and the I/O modules. The right-hand side of the screen shows the "Options" panel for the CPU operator panel, with buttons for RUN / STOP, ERROR, MAINT, and MRES. The "Cycle time" section is also visible at the bottom.