Advantech AE Technical Share Document

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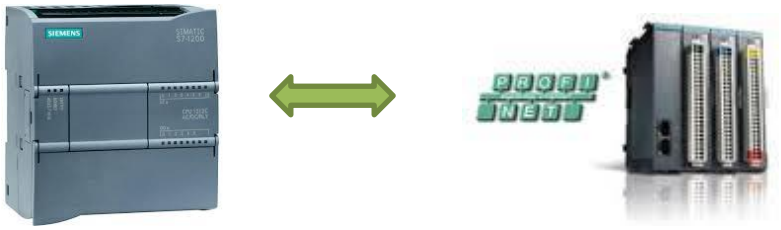
Category	■ FAQ □ SOP	**Related OS**	Win X86
Abstract	How to use Simens S7-1200 to control APAX-5071		
Keyword	APAX-5071, PROFINET		
Related Product	APAX-5071		

[Problem]

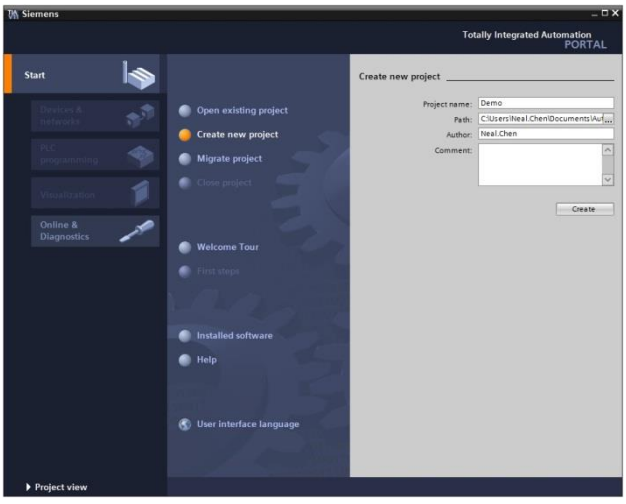
How to use Simens S7-1200 to control APAX-5071?



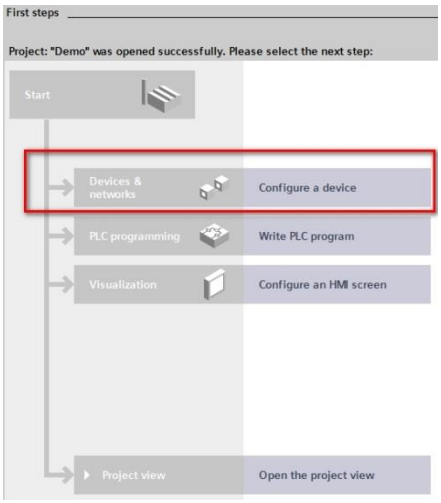
[Solution]

Please follow the steps below to know how to use Simens S7-1200 to control APAX-5071 Ethernet/IP coupler

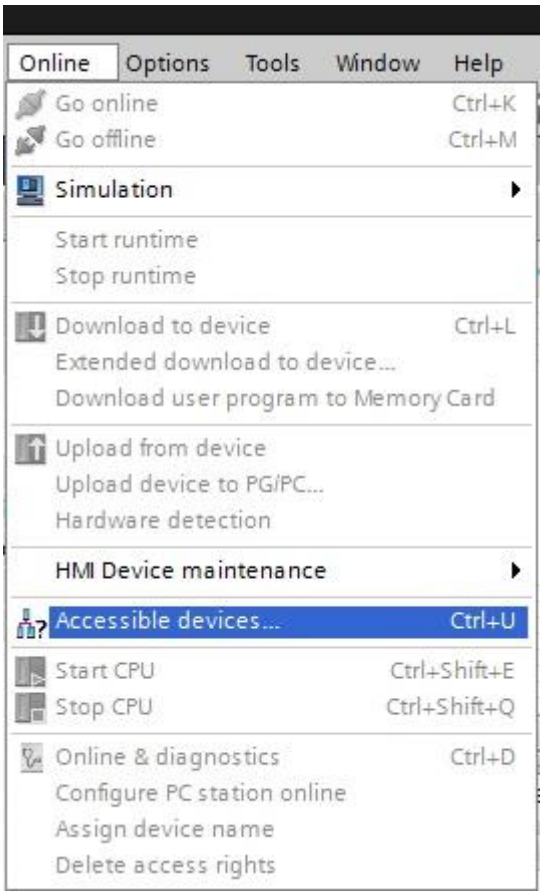
1. Open TIA Portal V11 to create a new project

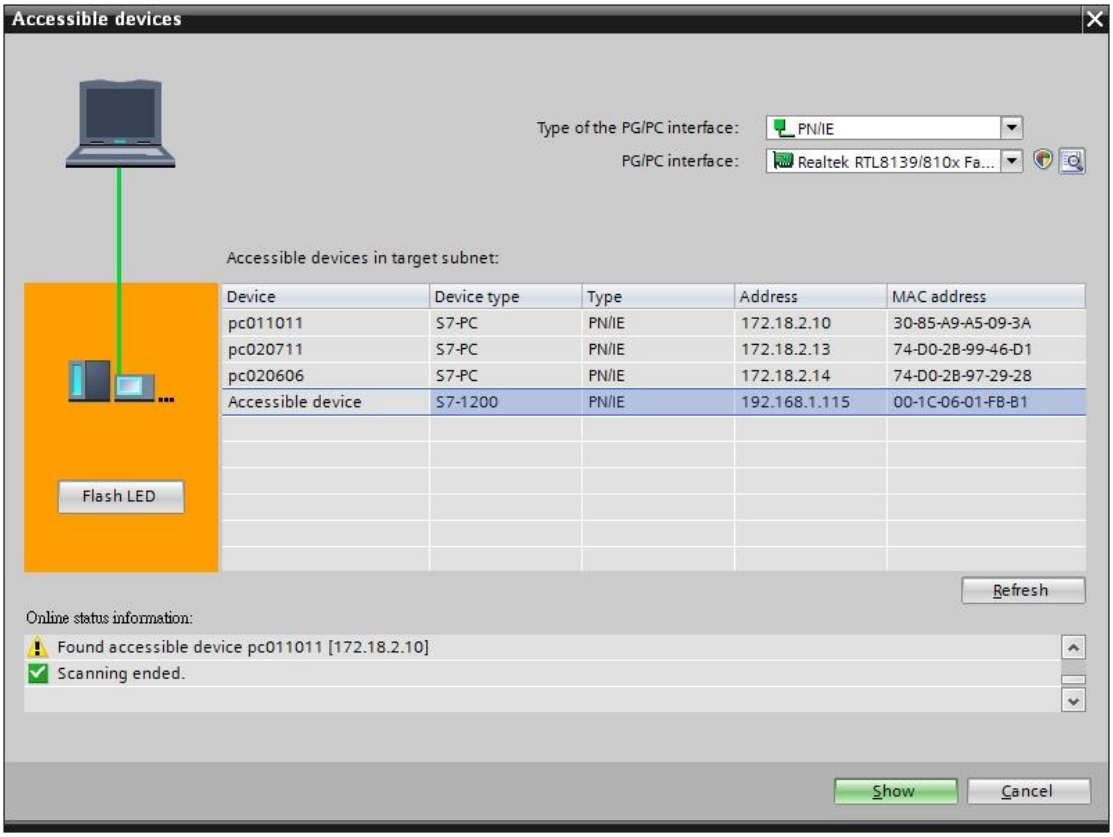


2. Configure a device and then Configure networks

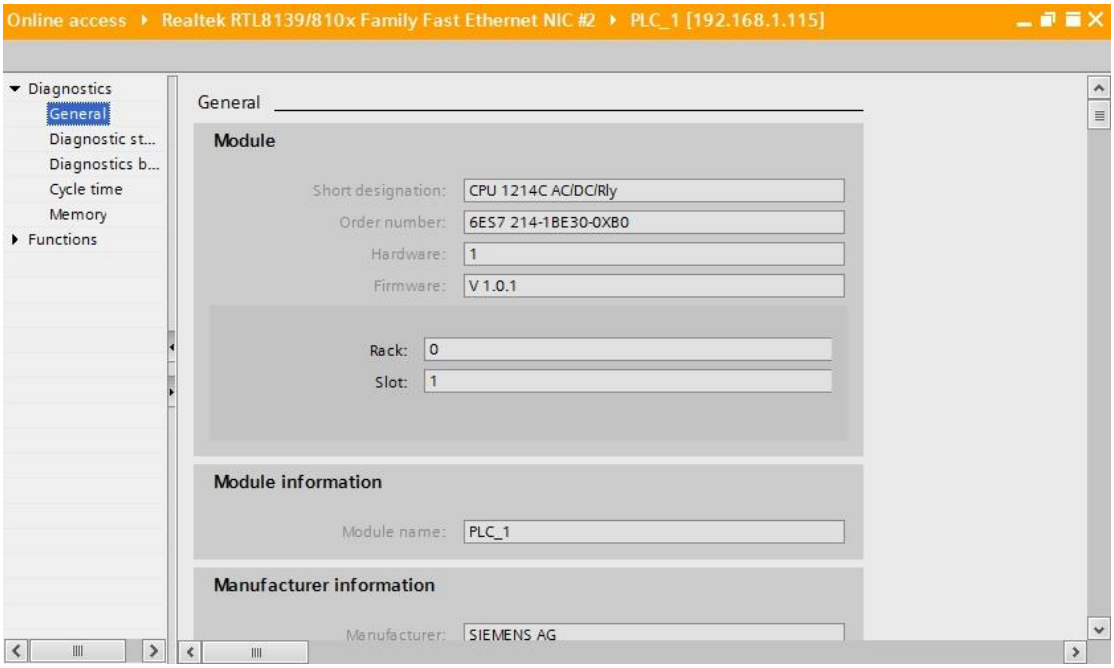


3. Accessible devices

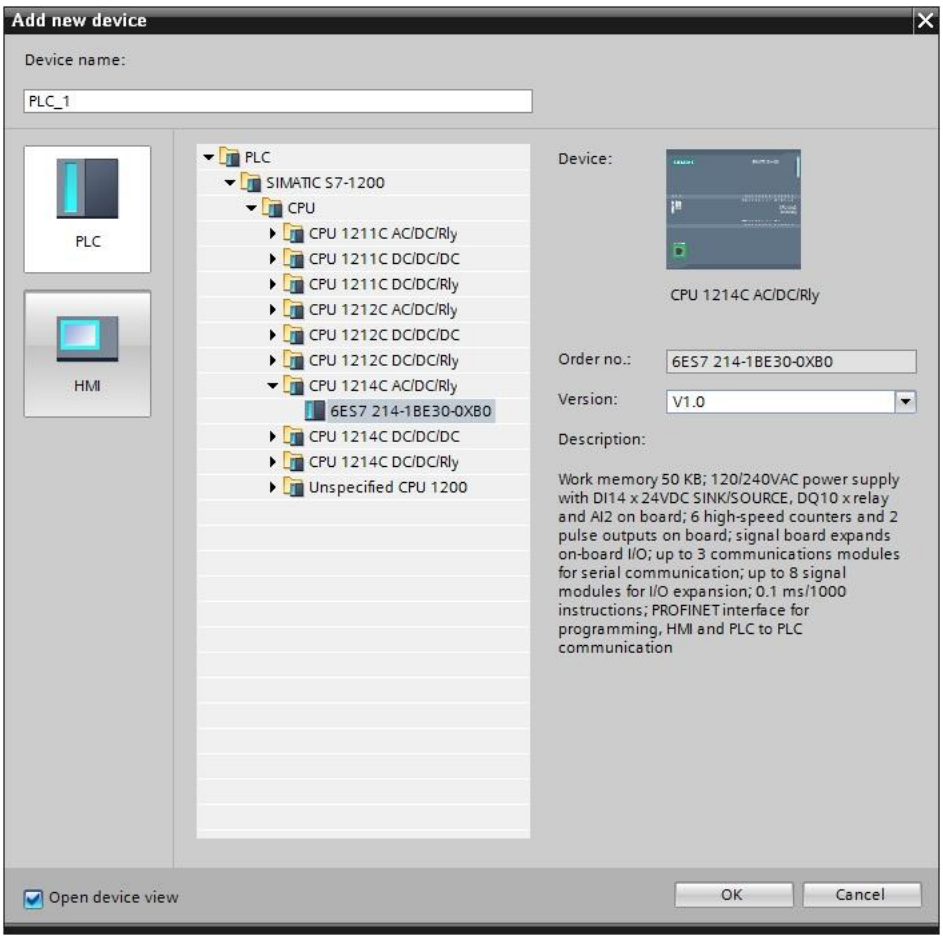




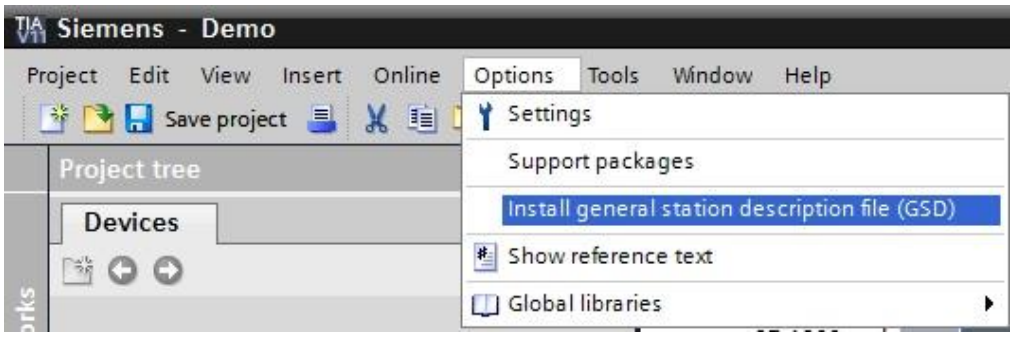
4. Module information

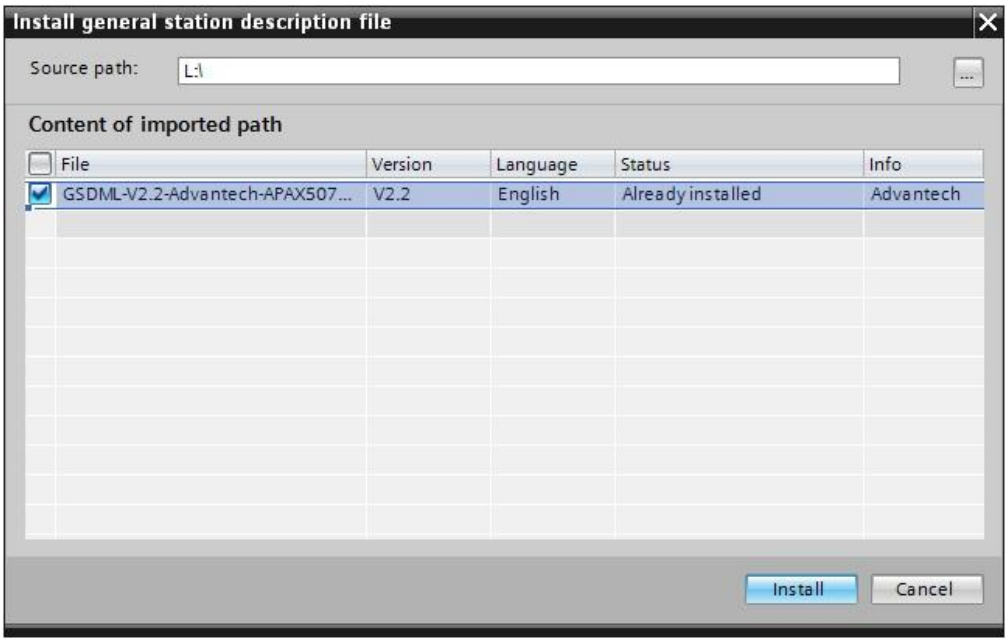


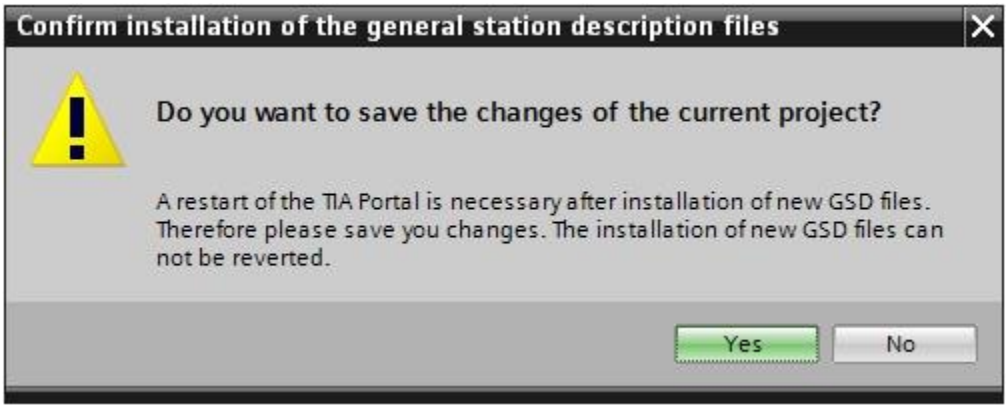
5. Add new device



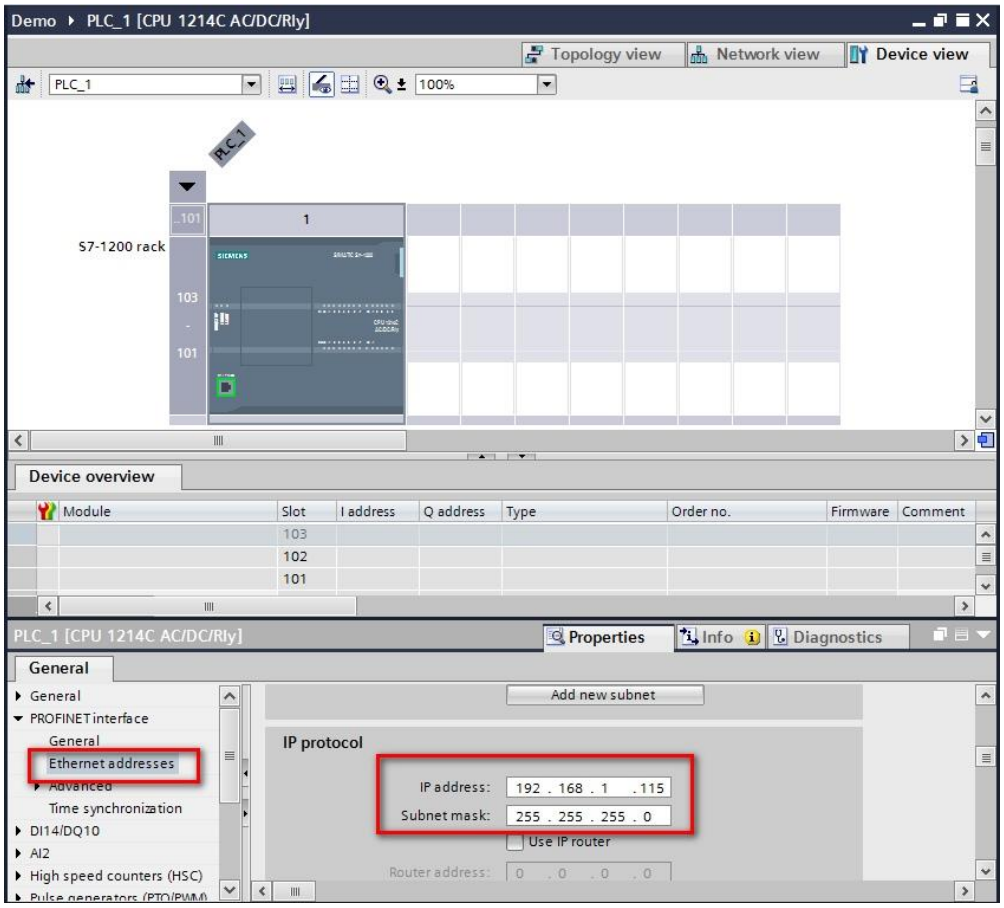
6. Install GSD file



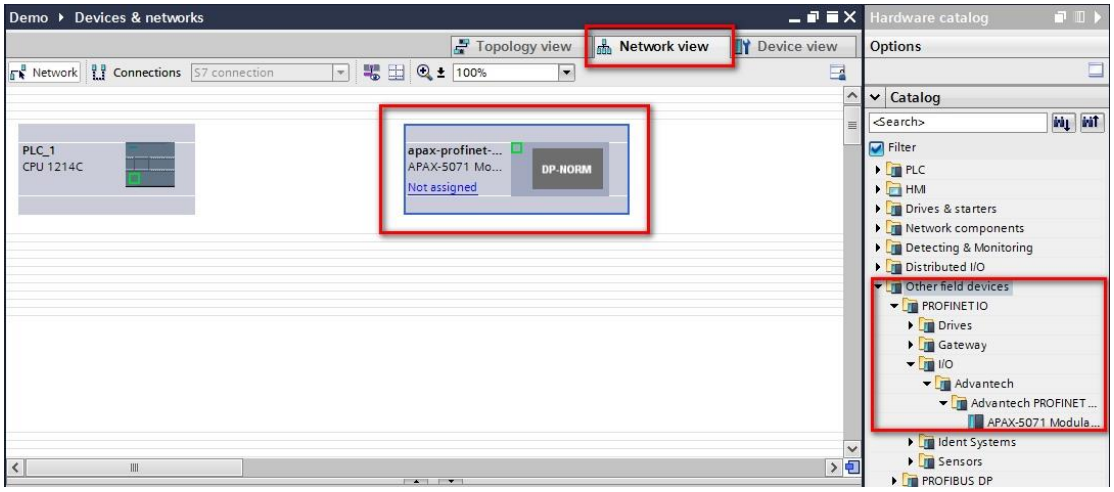




7. Set the PLC Interface IP



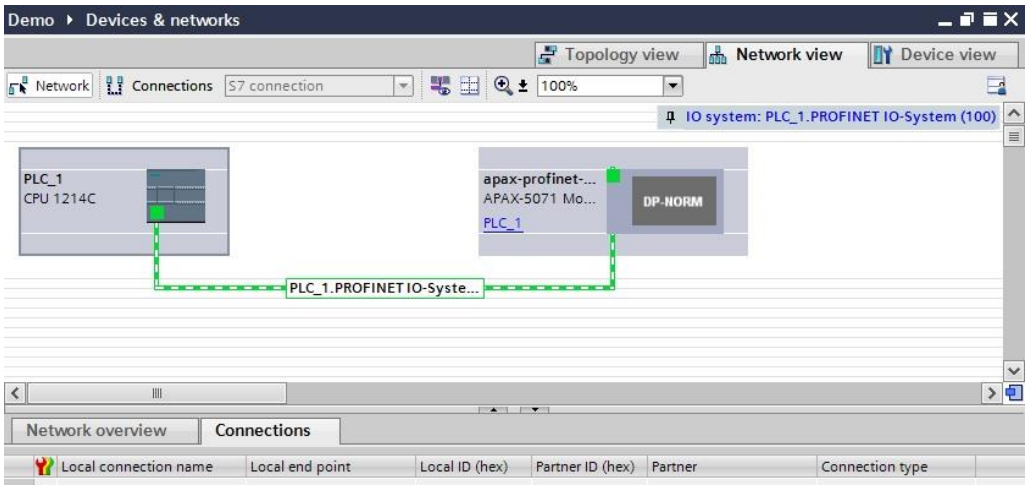
8. Add APAX-5071 module



9. Assign to new IO controller

apax-profinet-...
APAX-5071 Mo...
Not assigned
DP-NORM
Assign IO system
Assign to new IO controller
Disconnect from IO system
Highlight IO system

Select IO controller
Name
PLC_1.PROFINET interface_1
OK
Cancel


Demo ▸ Devices & networks
Topology view
Network view
Device view
Network
Connections
S7 connection
100%
IO system: PLC_1.PROFINET IO-System (100)
PLC_1
CPU 1214C
apax-profinet-...
APAX-5071 Mo...
PLC_1
DP-NORM
PLC_1.PROFINET IO-Syste...
Network overview
Connections
Local connection name
Local end point
Local ID (hex)
Partner ID (hex)
Partner
Connection type