

How to setup configuration between GW-7662 and SIMATIC TIA portal?

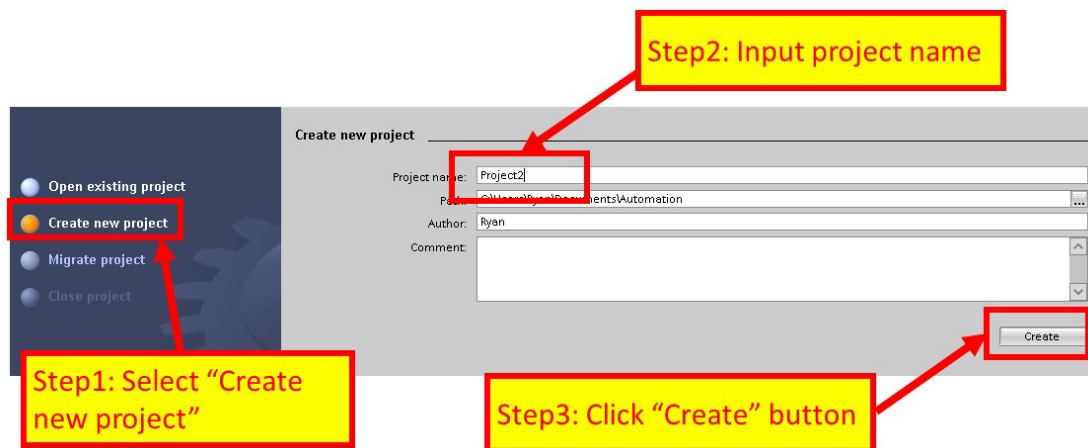
In this example, please follow the step to setup project.

Step 1: Create the project

- ◆ Double Click TIA icon to start Step 7 V11

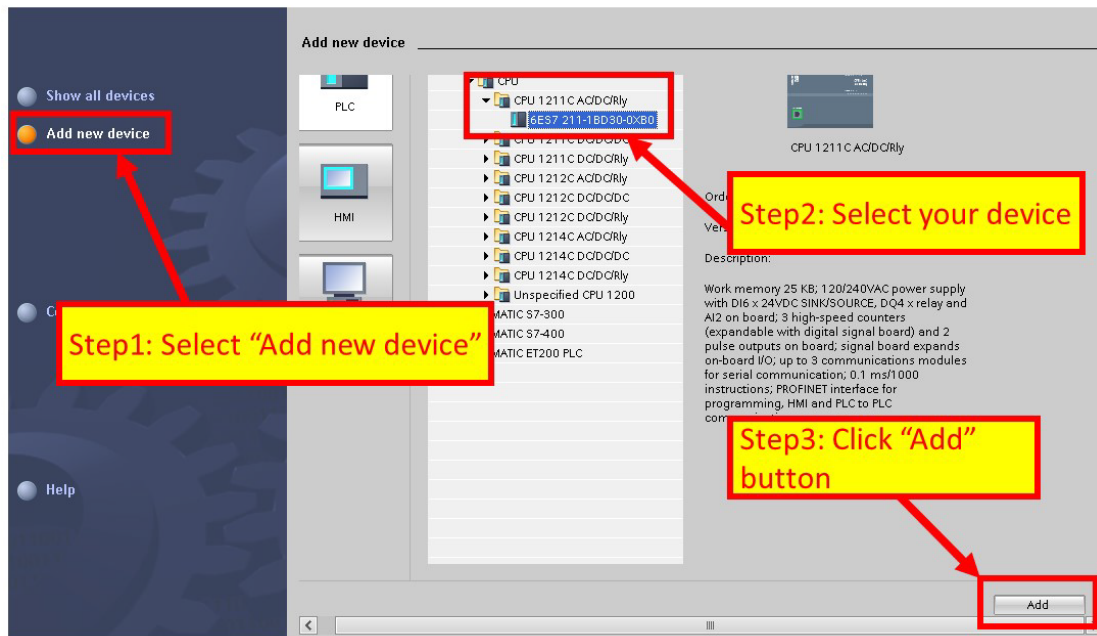
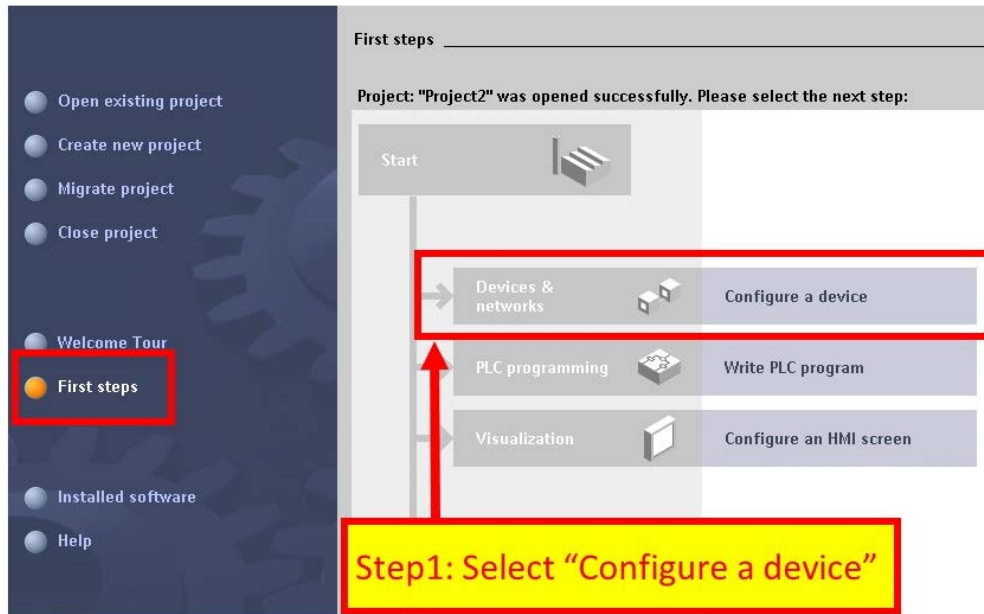


- ◆ Create the Project

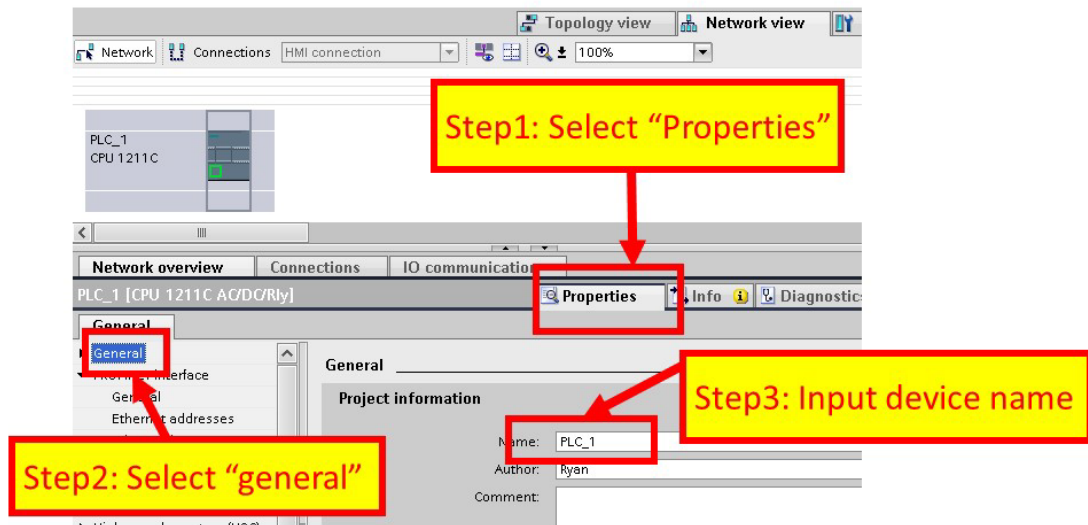
The image is a screenshot of the 'Create new project' dialog box in TIA Portal. On the left side, there is a vertical menu with four options: 'Open existing project', 'Create new project', 'Migrate project', and 'Close project'. The 'Create new project' option is highlighted with a red box and a red arrow pointing to a yellow callout box that says 'Step1: Select "Create new project"'. The main area of the dialog box contains the following fields: 'Project name:' with the text 'Project2' entered and a red box around it; 'Path:' with the text 'C:\Users\Ryan\Desktop\Automation' and a red box around it; 'Author:' with the text 'Ryan'; and 'Comment:' with an empty text area. A red arrow points from a yellow callout box 'Step2: Input project name' to the 'Project name' field. Another red arrow points from a yellow callout box 'Step3: Click "Create" button' to the 'Create' button at the bottom right of the dialog box.

Step 2: Project configuration

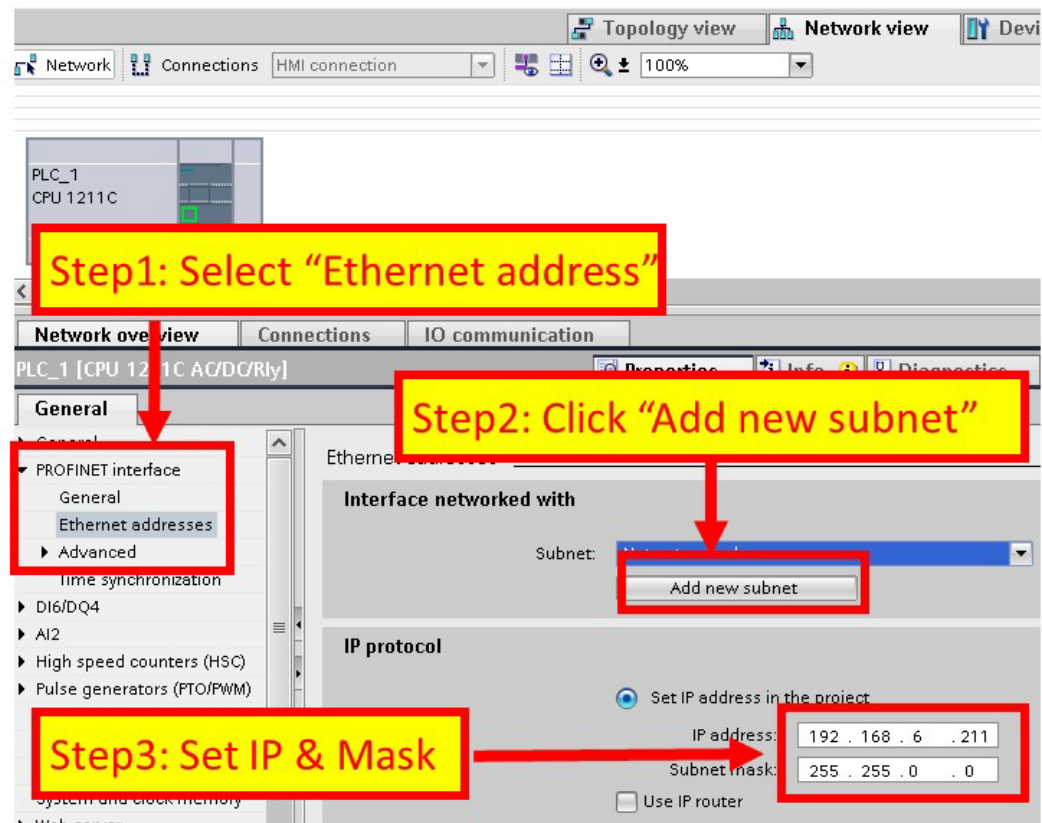
◆ Add a PLC device



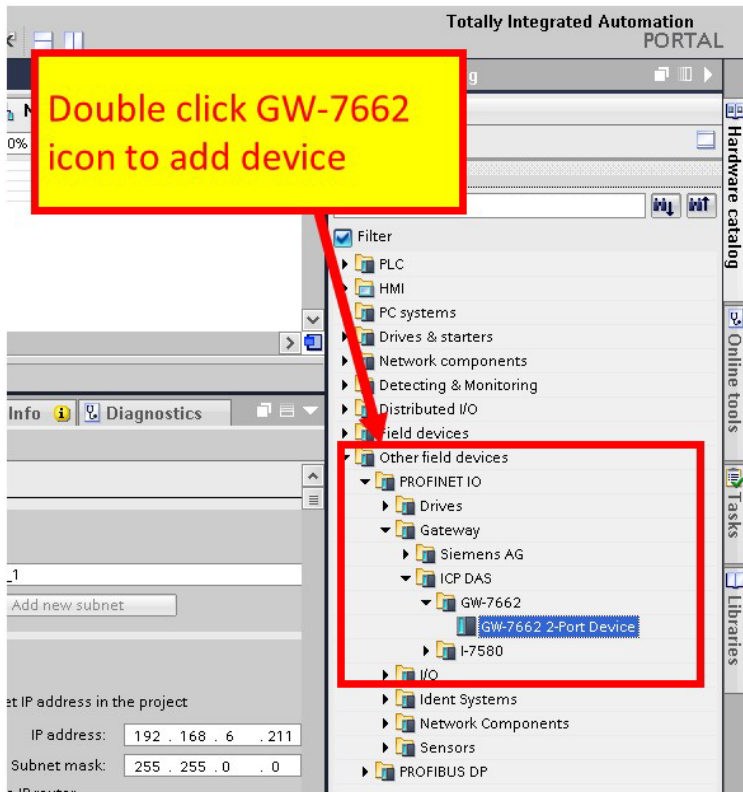
- ◆ Set the device name of PLC to “PLC_1”



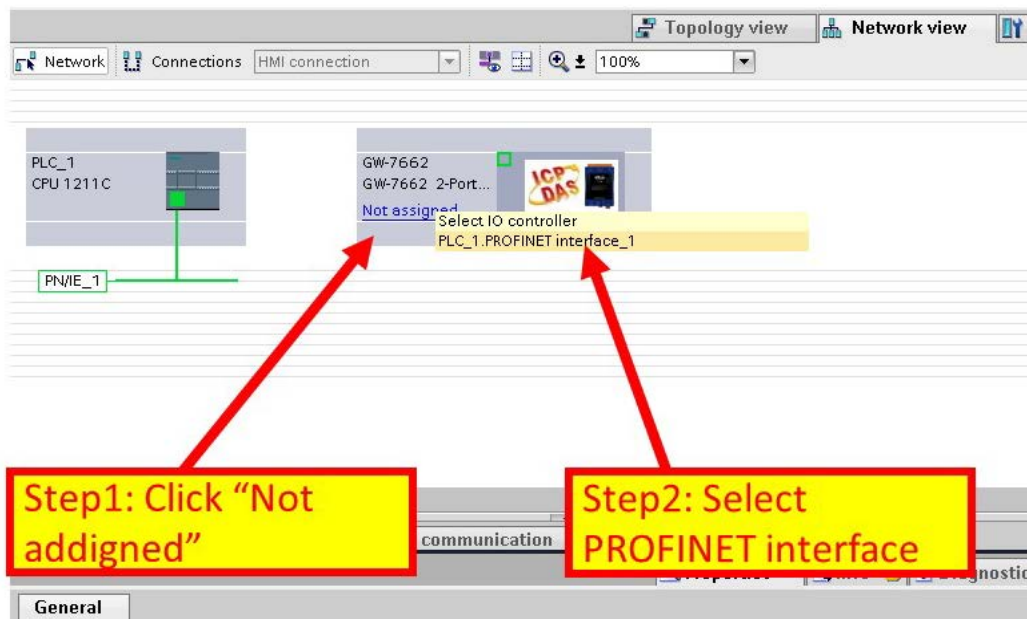
- ◆ Set the IP and mask of PLC and add a new subnet



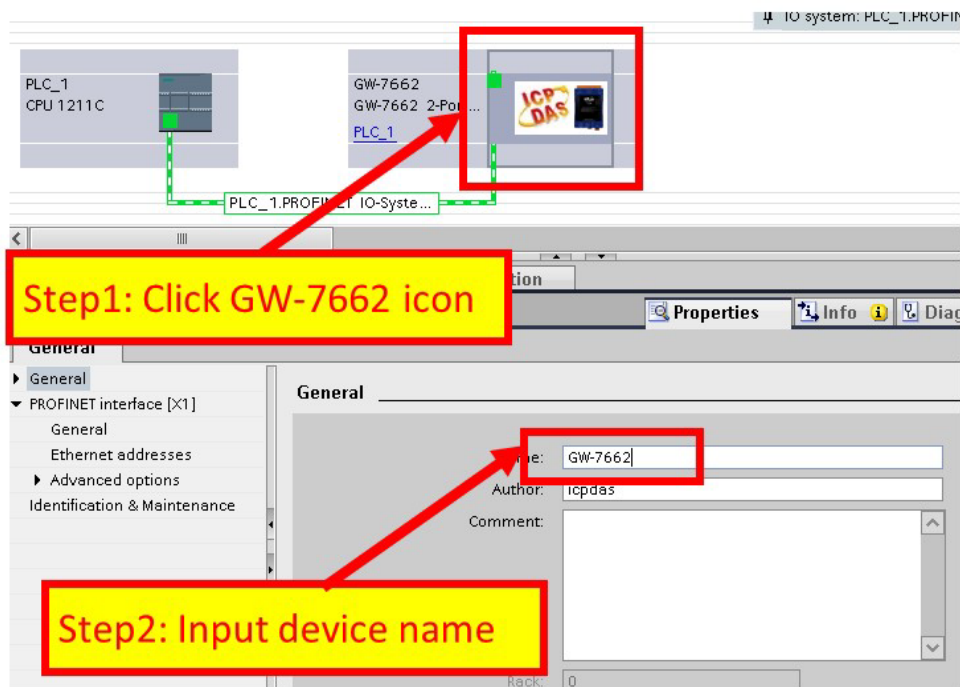
◆ Add GW-7662 module



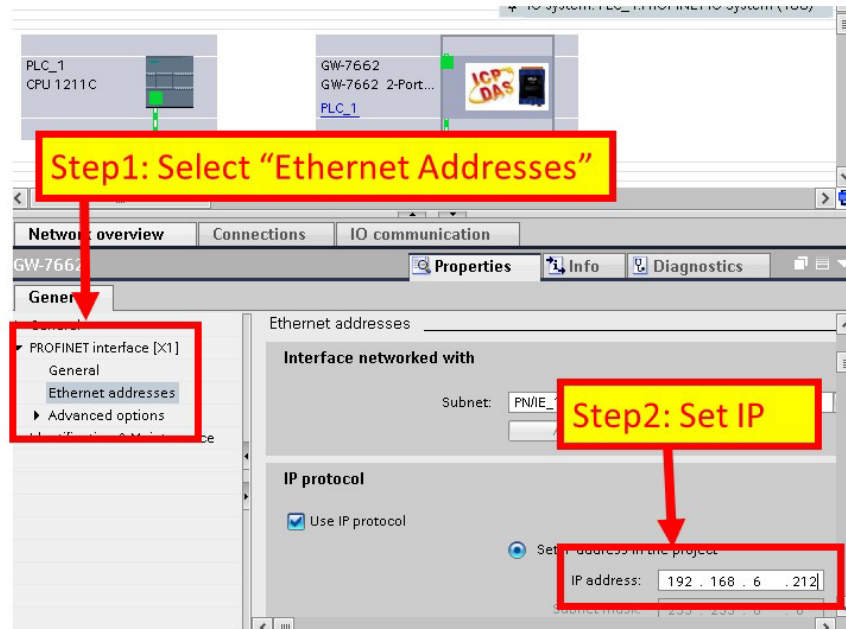
◆ Select PROFINET interface



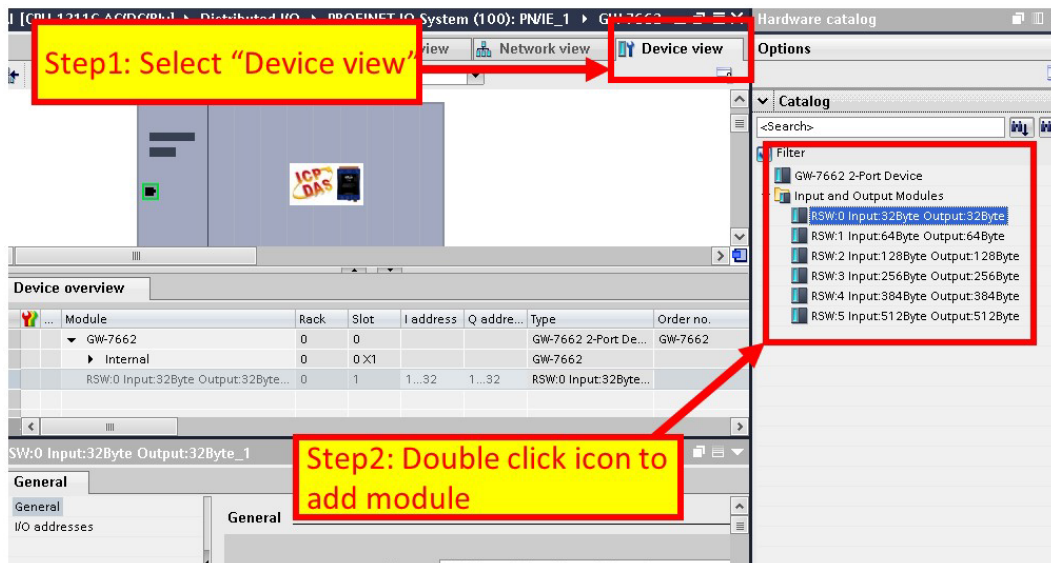
◆ Set device name to “gw-7662”



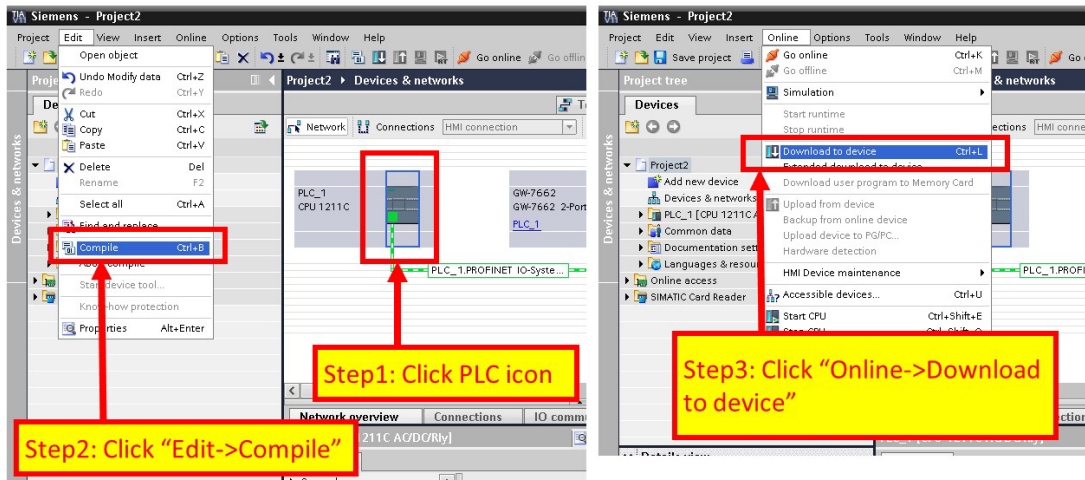
◆ Set the IP of GW-7662 module



◆ Select module type of GW-7662 module



◆ Compile and download to device



Extended download to device

Configured access nodes of "PLC_1"

Device	Device type	Type	Address	Subnet
			192.168.6.211	PN/IE_1

Step1: Select network interface

Type of the PG/PC interface: PN/IE
PG/PC interface: Intel(R) PRO/1000 MT Net...
Connection to subnet: PN/IE_1

Step2: Select PLC

Accessible devices in target subnet: Show all accessible devices

Device	Device type	Type	Address	Target device
PLC_1	CPU 1211 C AC/DC...	PN/IE	192.168.6.211	PLC_1
		PN/IE	Access address	

Flash LED

Refresh

Online status information:
Connected to address 192.168.6.211
 Scanning ended.

Step3: Click "Load" button

Load Cancel

Load preview

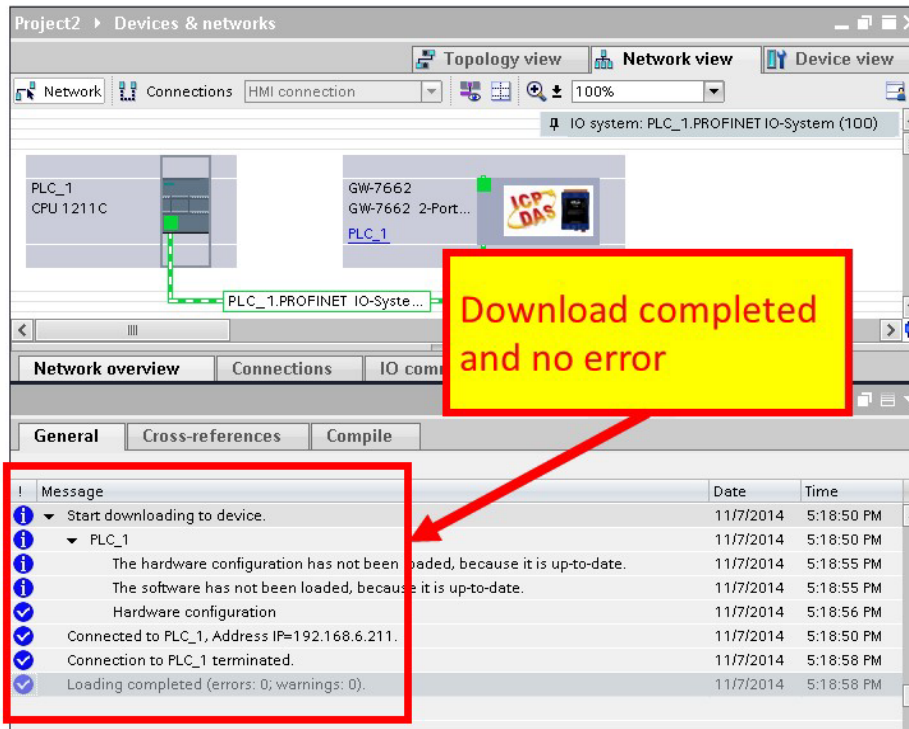
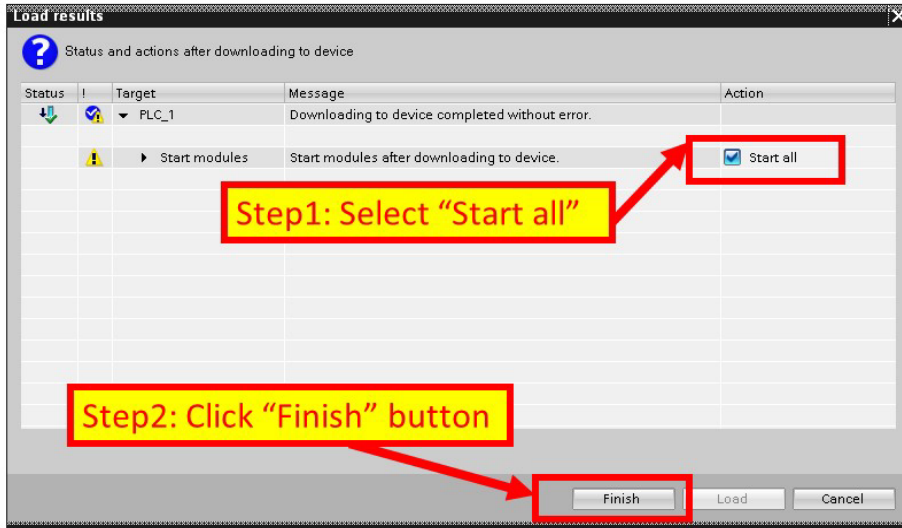
Check before loading

Status	Target	Message	Action
<input checked="" type="checkbox"/>	PLC_1	Ready for loading.	
<input checked="" type="checkbox"/>	Stop modules	All modules will be stopped for downloading to device.	Stop all
<input checked="" type="checkbox"/>	Device configurati...	Delete and replace system data in target	Download to device
<input checked="" type="checkbox"/>	Software	Download software to device	Consistent downl...

Click "Load" button

Refresh

Finish Load Cancel



At this time, the AP LED should turn on, BOOT LED and ERR LED should turn off, it means the connection between PLC and GW-7662 module is established.

