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

		Step2: Input project name
	Create new project	
Open existing project	Project name:	Project2
🥚 Create new project	Pa	Ryan
Migrate project	Comment:	<u>^</u>
Close project	_	Create
Step1: Select "Creat new project"	te	Step3: Click "Create" button

Step 2: Project configuration

Add a PLC device



	Add new device	
 Show all devices Add new device C. Step1: Select "Add Help 	PLC PLC CPU 1211 C AC/DC/Rly CPU 1211 C DOC/Rly CPU 1211 C DOC/Rly CPU 1212 C AC/DC/Rly CPU 1212 C AC/DC/Rly CPU 1212 C AC/DC/Rly CPU 1214 C AC/DC	<i>i</i> ice
A Station	ζ	\dd

Set the device name of PLC to "PLC_1"

Network	Topology view	h Network view
PLC_1 CPU 1211C	Step1: Select "	'Properties"
M M	communicatio	
PLC_1 [CPU 1211C AC/DC/Rly]	Sector Properties	1 Info 🗓 🗓 Diagnostic
General General General General Comparison of the second s	rmation	Step3: Input device name
tep2: Select "general"	Author: Ryan Comment:	

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



Add GW-7662 module



Select PROFINET interface

💦 Network 🔡 Connections HMI connection 💌 🔩 🎛 🔍 ± 100% 💌
PLC_1 GW-7662 GW-7662
CPU 1211C GW-7662 2-Port
PLC 1 PDOEINET interface 1
PN/IE_1
Step1: Click "Not Step2: Select
addigned PROFINET interface
General

• Set device name to "gw-7662"

			ų	TO system: PLC_T.PROFIN
PLC_1 CPU 1211C	GW-7662 GW-7662 2-Pot <u>PLC_1</u> 1.PROFILET IO-Syste			
Step1: Click G	<i>N-</i> 7662 icon	tion	Rroperties	🚺 Info 👔 🗓 Diaç
General PROFINET interface [X1] General Ethernet addresses Advanced options Identification & Maintenance	General	Author: Icpdas		
Step2: Input	device name	e Rack: 0		~

• Set the IP of GW-7662 module

	+ to system rec_is normer to system (rooy
PLC_1 CPU 1211C	GW-7662 GW-7662 2-Port PLC_1
Step1: Select	"Ethernet Addresses"
Network overview Conne	ctions IO communication
GW-7662	🔍 Properties 🛝 Info 🖳 Diagnostics 💷 🖃
Gener	
	Ethernet addresses
PROFINET interface [X1]	Interface networked with
General Ethernet addresses Advanced options te	Subnet: PN/E_ Step2: Set IP
-	IP protocol
•	Use IP protocol
	Set - dearess in the project IP address: 192 . 168 . 6
	Subjectingski [253.253.0 .0]



Compile and download to device



Extended download to	device	**************	*****		×
	Configured access noo	les of "PLC_1"			
	Device	Device type	Type /	Address	Subnet
			6	192.168.6.211	PN/IE_1
🛃 Step1	: Select ne	twork int	erface		
				-	_
- 55		Typ	e of the PG/PC interfa	ce: PN/IE	•
CL 2 C			PG/PC interfa	ce: 🛛 🔤 Intel(R) PRO/	1000 MT Net 🔻 🗑 🔯
Step2: Se	elect PLC		Connection to subr	et: PN/IE 1	
			1st gatew	av:	
				· · · · · · · · · · · · · · · · · · ·	
	Accessing devices in t	arget subnet		Sho	w all accessible devices
	Hevice	larger subner.	1954		
	PLC 1	CPU 1211C AC/DC.	PN/IE	192.168.6.211	PLC 1
P 52	-	-	FINIE	Access address	
a					
Flash LED					
					Refresh
o		_			
Connected to addres	- 100 169 6 011	Step3:	Click "Lo	ad" butto	n 🗖
Scanning ended.	3192.100.0.211	otepo.	CHER LO		
					*

Status	1	Target	Message	Action
10	0	▼ PLC_1	Ready for loading.	
	0	 Stop modules 	All modules will be stopped for downloading to device.	Stop all
	0	 Device configurati 	. Delete and replace system data in target	Download to device
	0	 Software 	Download software to device	Consistent downl 💌
		Click "Lo	pad" button	





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.

