

VOLKTEK

INDY

QUICK INSTALLATION GUIDE



SYSTEM REQUIREMENT

OS

- Windows 10/11 64-bit

Hardware Requirements

- Intel Core i3 (or equivalent) or higher
- Minimum 8 GB RAM (16 GB recommended)
- Minimum 3 GB free disk space
- Ethernet adapter supporting TCP/IP



SYSTEM REQUIREMENT

Software Requirements

- Modern browsers supported: latest versions of Google Chrome, Mozilla Firefox, Microsoft Edge
- NET 8
- Internet connectivity is required for:
 - Registration and activation
 - Updates and feature upgrades
 - Accessing online help and support



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Step 1 Install .NET Core SDK

- Click "**dotnet-sdk-8.0.406-win-x64.exe**"

Step 2 Install INDY

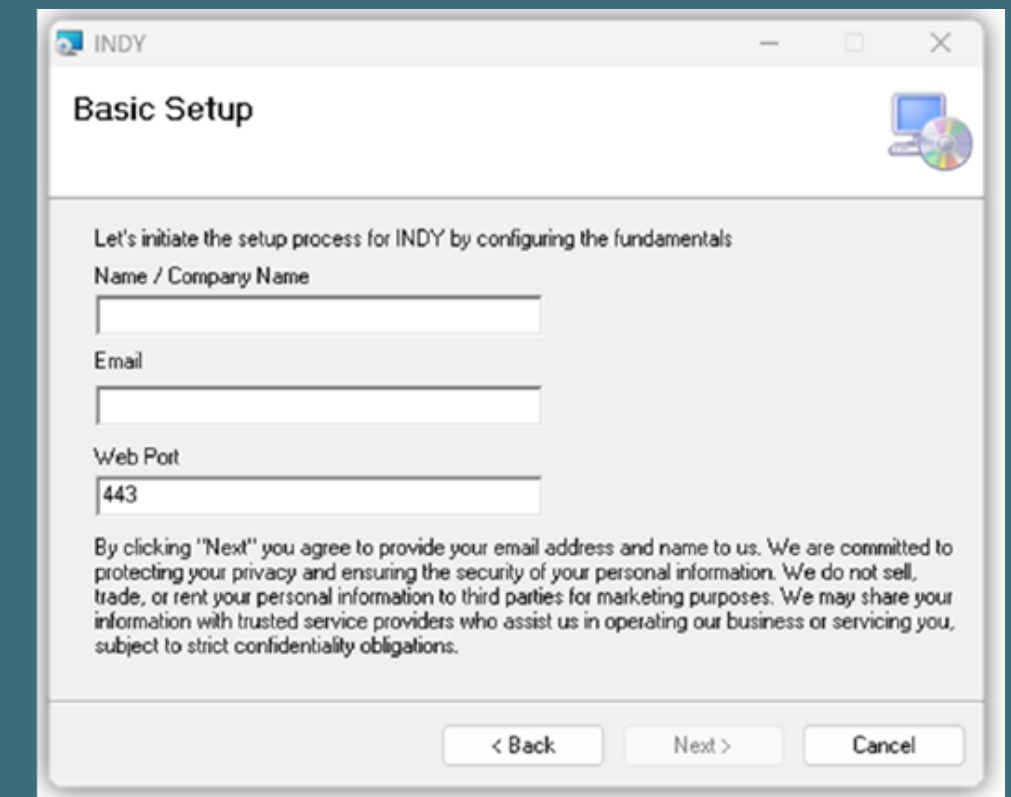
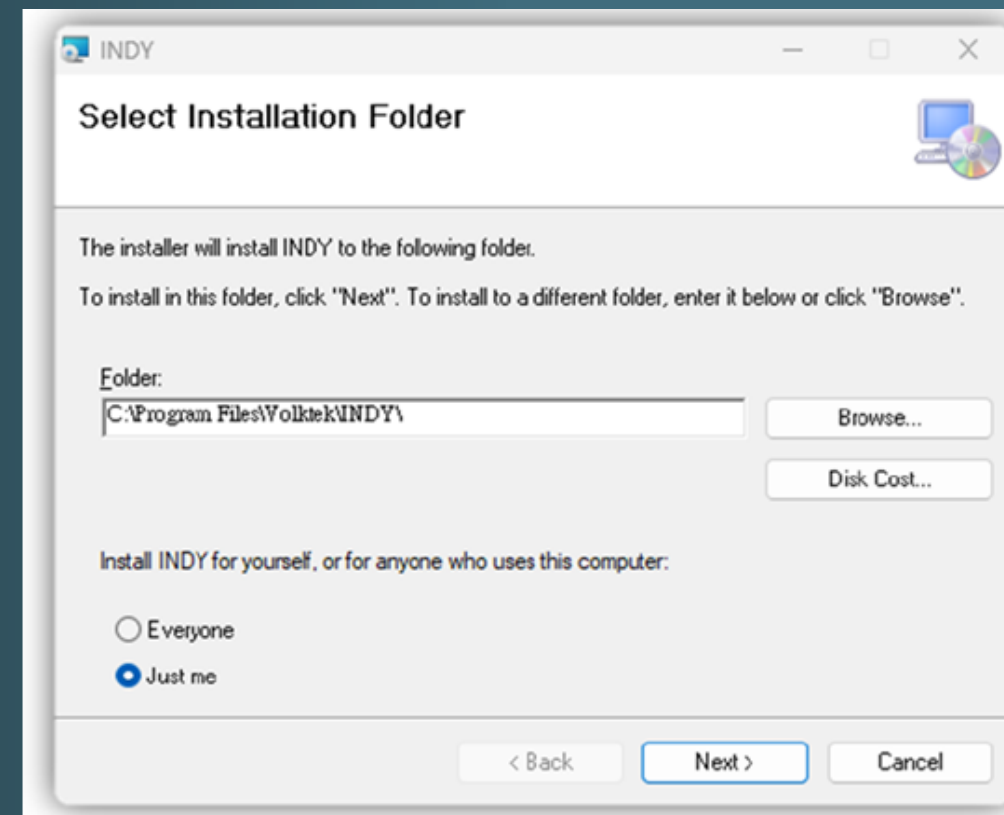
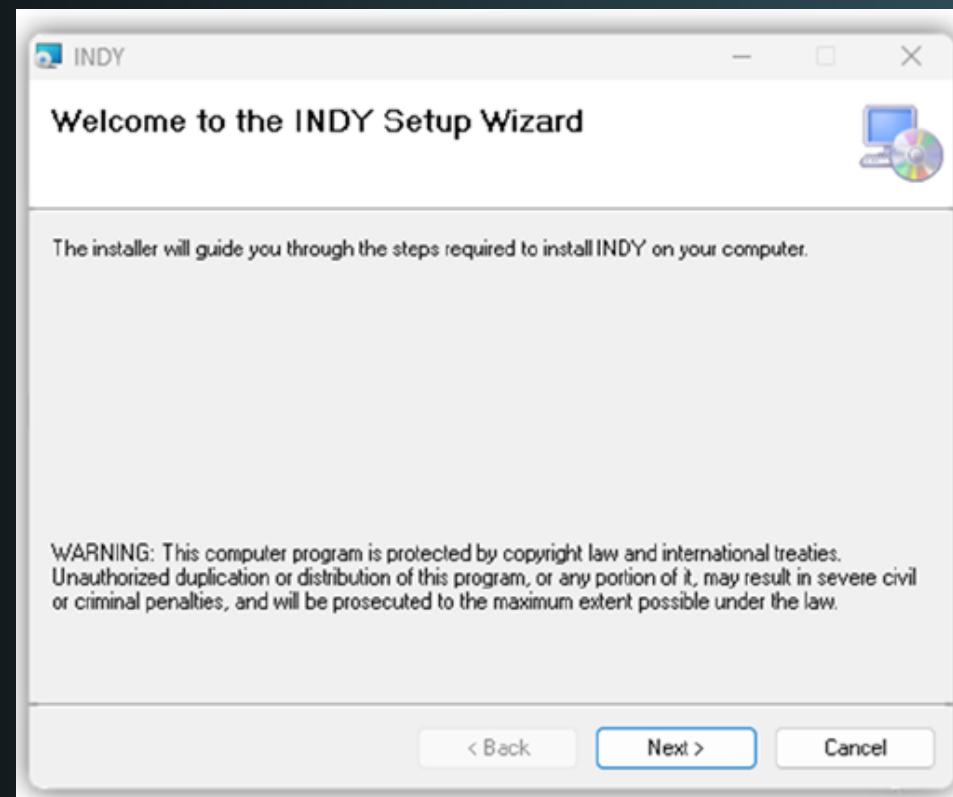
- Enter name and email
- LLDP powershell



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Step 2 Install INDY

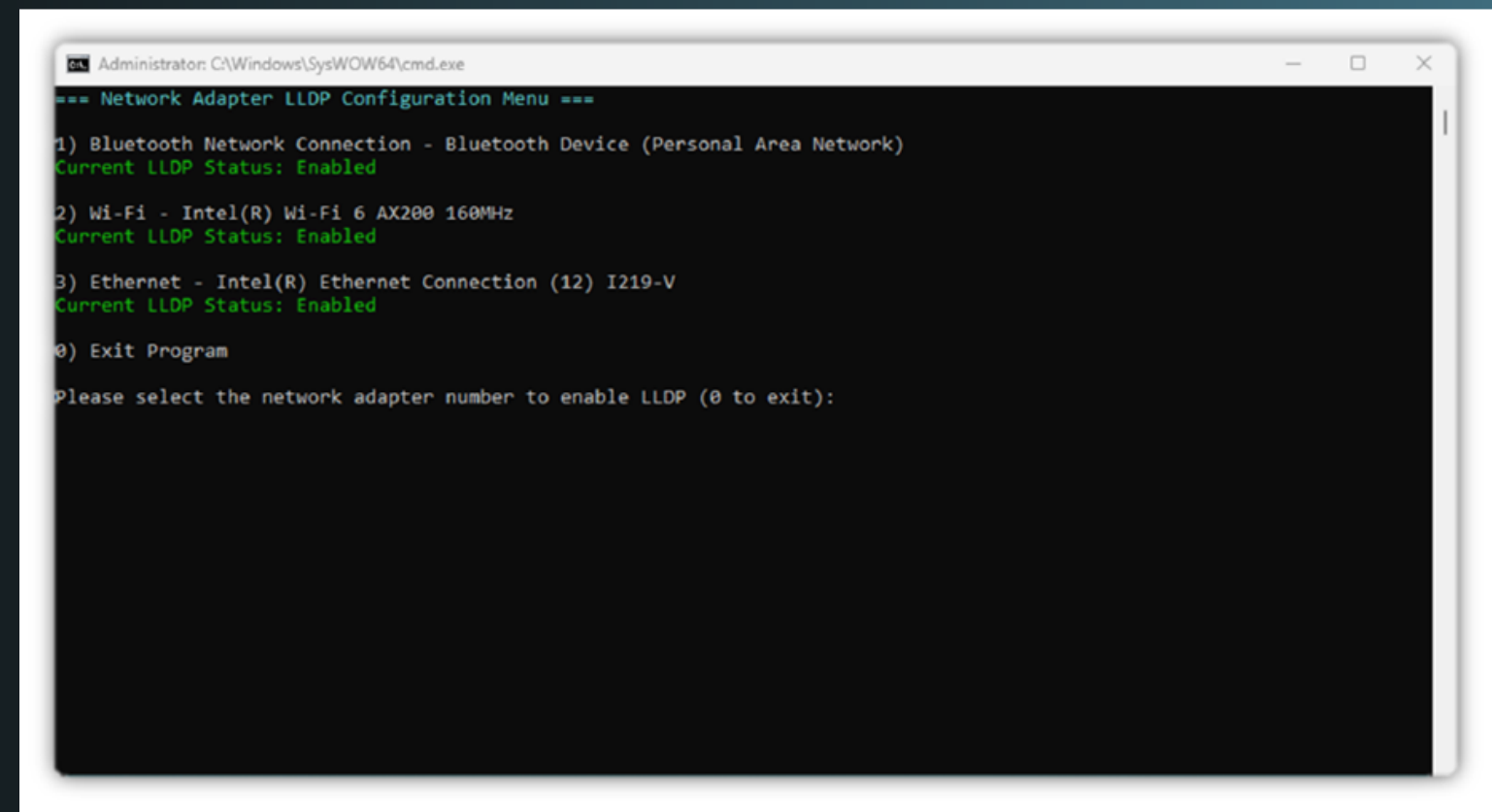
- Enter name and email
- LLDP powershell



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Step 2 Install INDY

- Enter name and email
- LLDP powershell



```
Administrator: C:\Windows\SysWOW64\cmd.exe
=== Network Adapter LLDP Configuration Menu ===

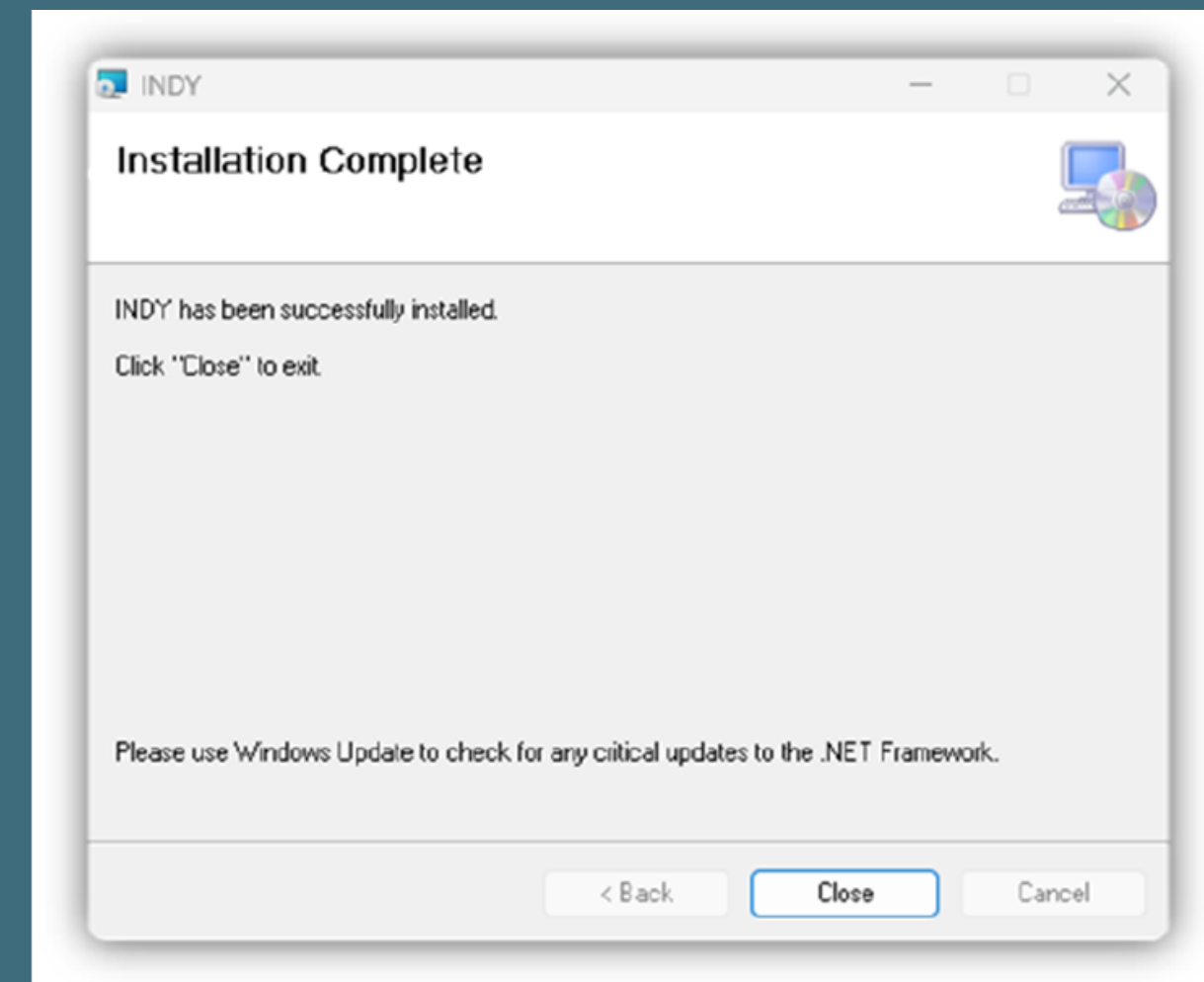
1) Bluetooth Network Connection - Bluetooth Device (Personal Area Network)
   Current LLDP Status: Enabled

2) Wi-Fi - Intel(R) Wi-Fi 6 AX200 160MHz
   Current LLDP Status: Enabled

3) Ethernet - Intel(R) Ethernet Connection (12) I219-V
   Current LLDP Status: Enabled

0) Exit Program

Please select the network adapter number to enable LLDP (0 to exit):
```



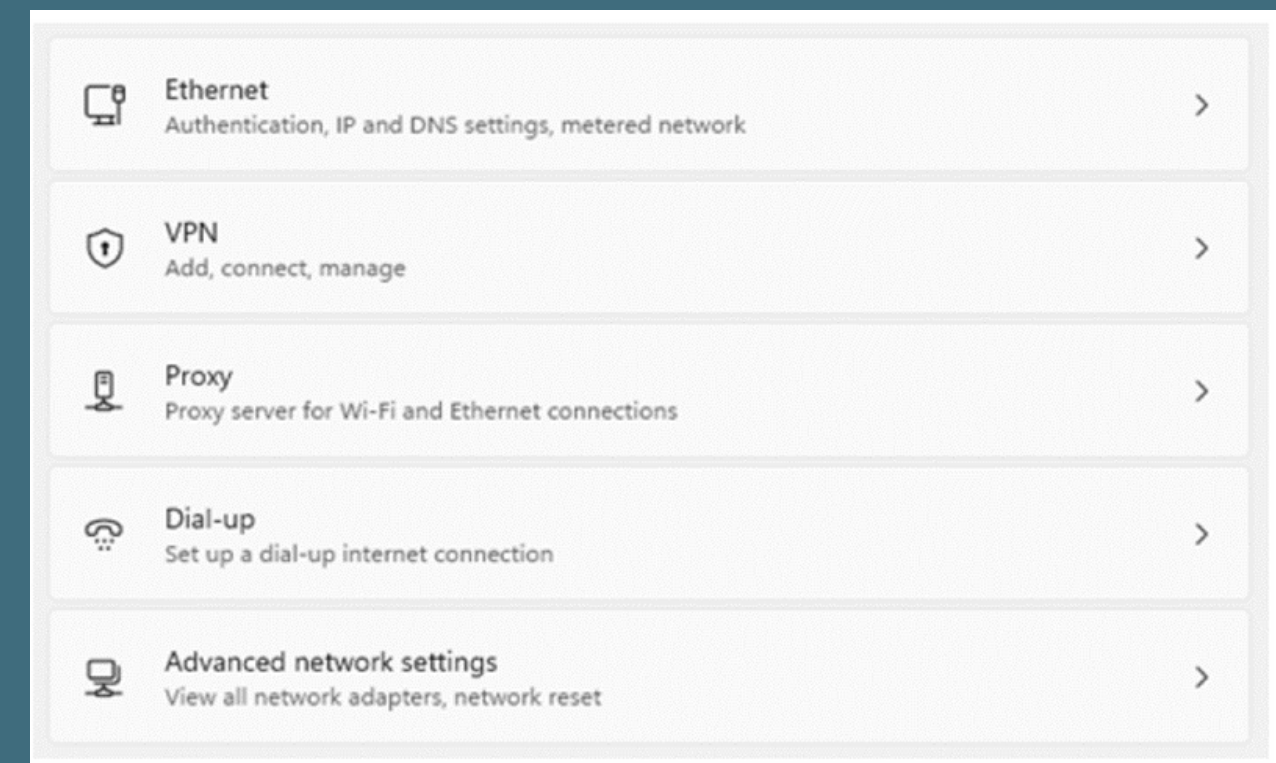
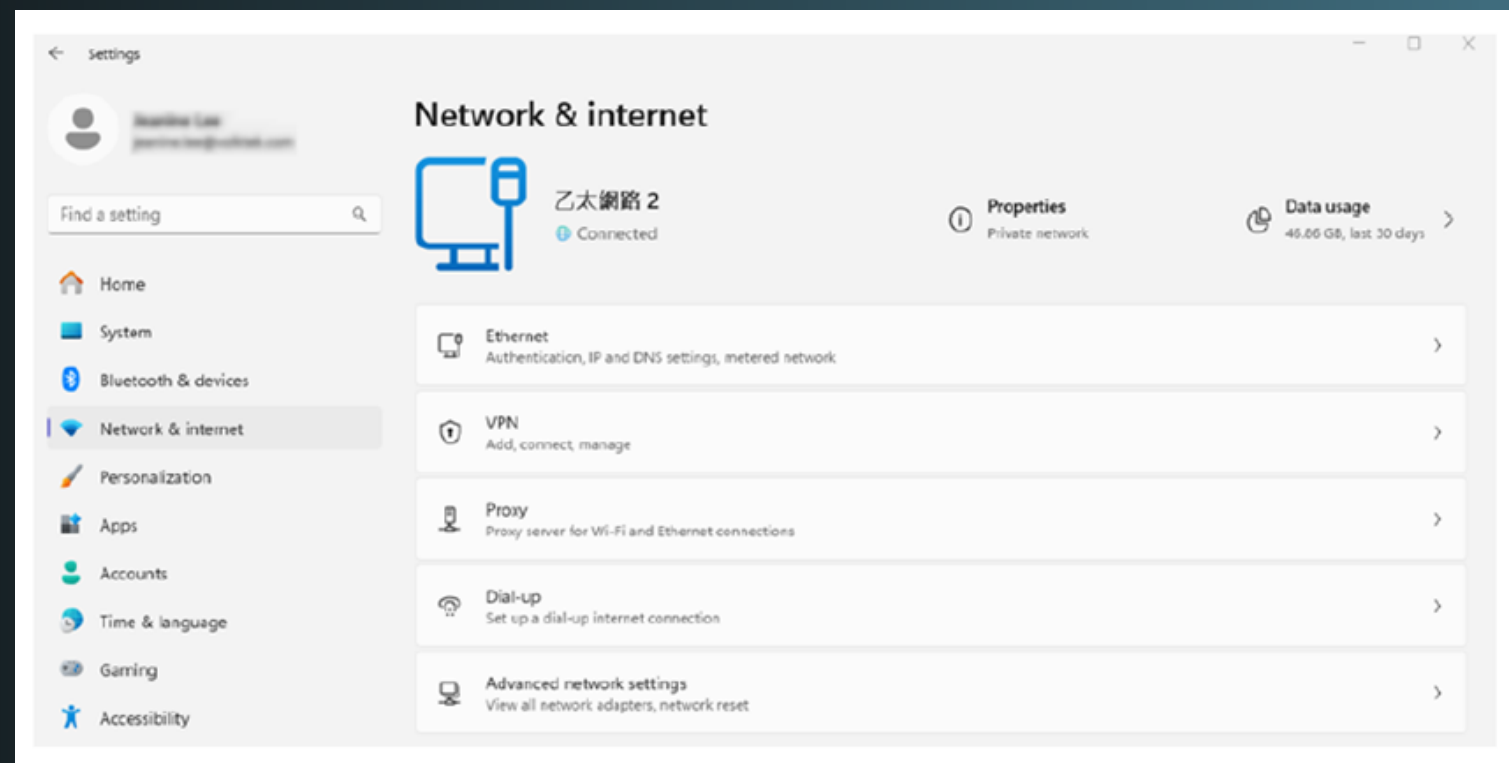
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Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- **Enable LLDP**
- Enable Lamungan Slave

1) Go to Settings > Network & Internet

2) Click Advanced network settings

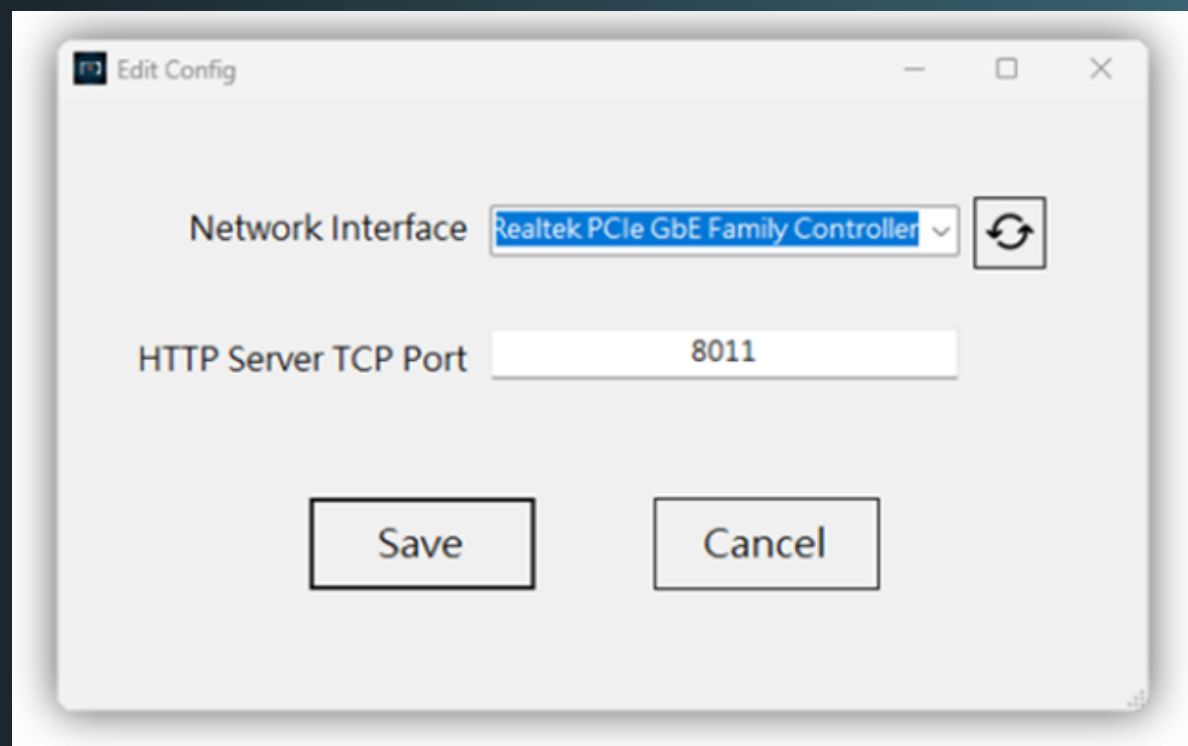


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Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- Enable Lamungan Slave

3) Expand the network interface which you are using in INDY



4) Select the checkbox to turn on LLDP and click OK to save.



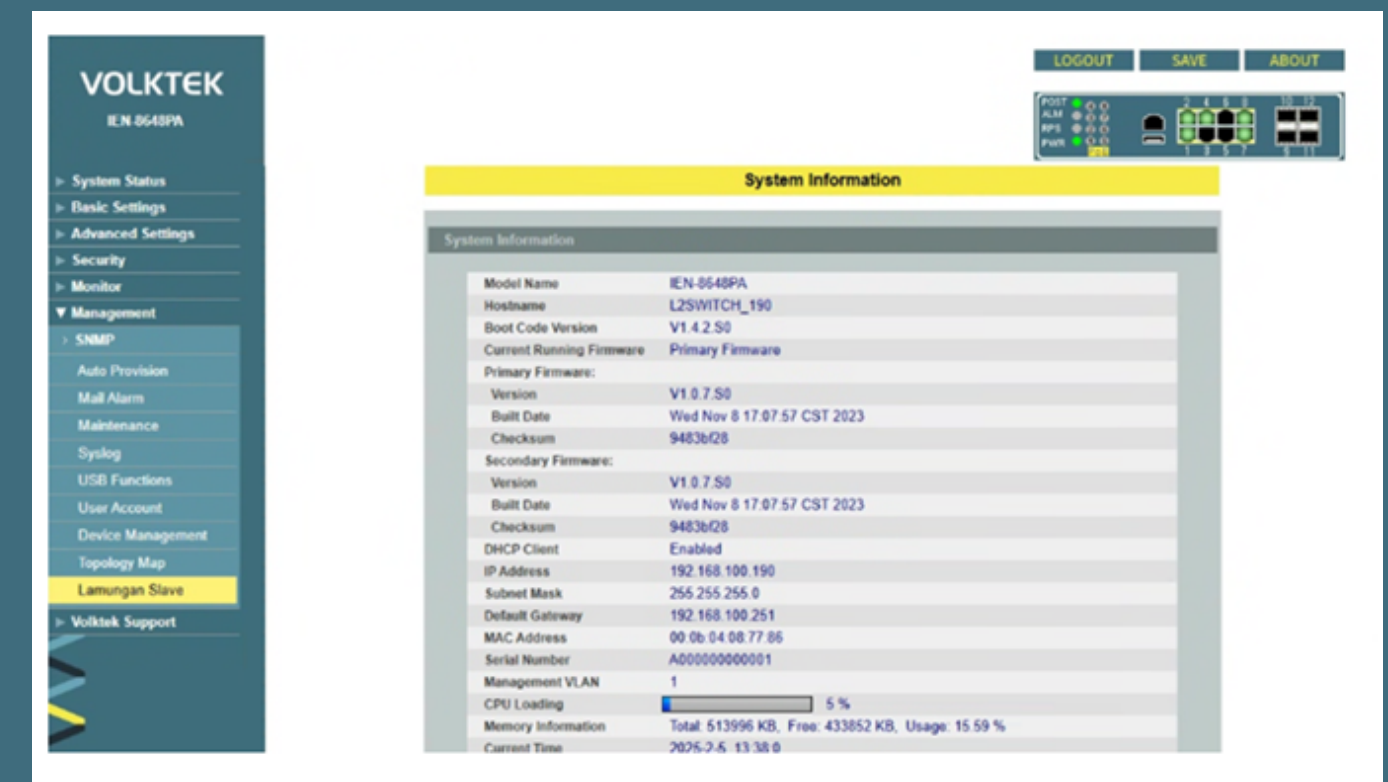
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Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- **Enable Lamungan Slave**

1) Go to Switch GUI and log in

2) Find Management > Lamungan Slave

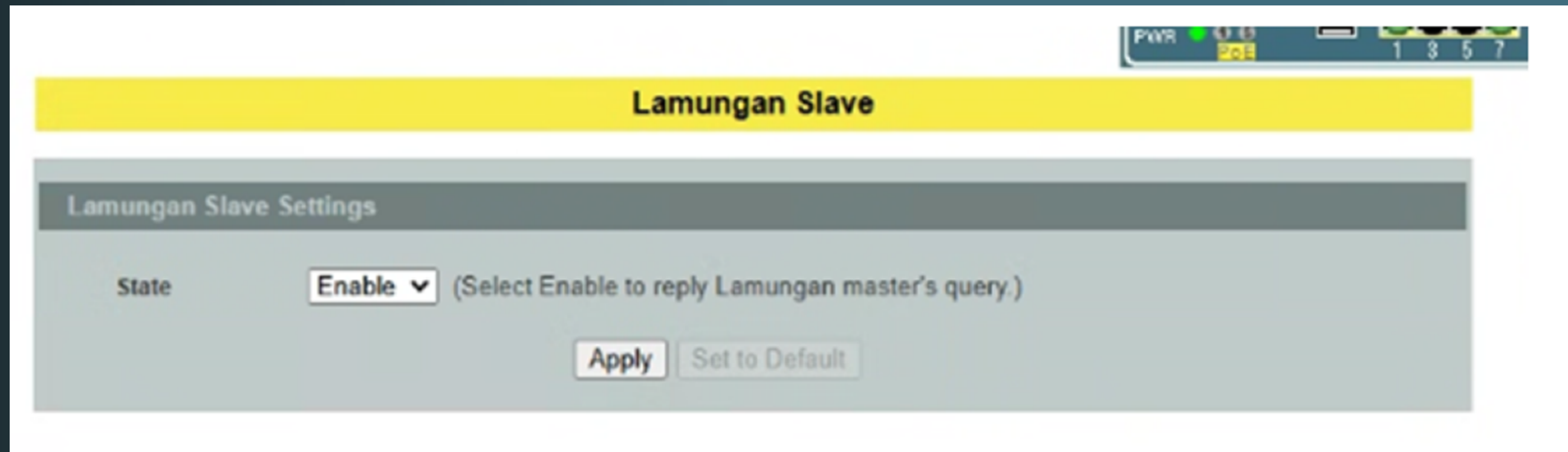


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Step 3 Enable LLDP and Lamungan Slave on Volktek switch

- Enable LLDP
- **Enable Lamungan Slave**

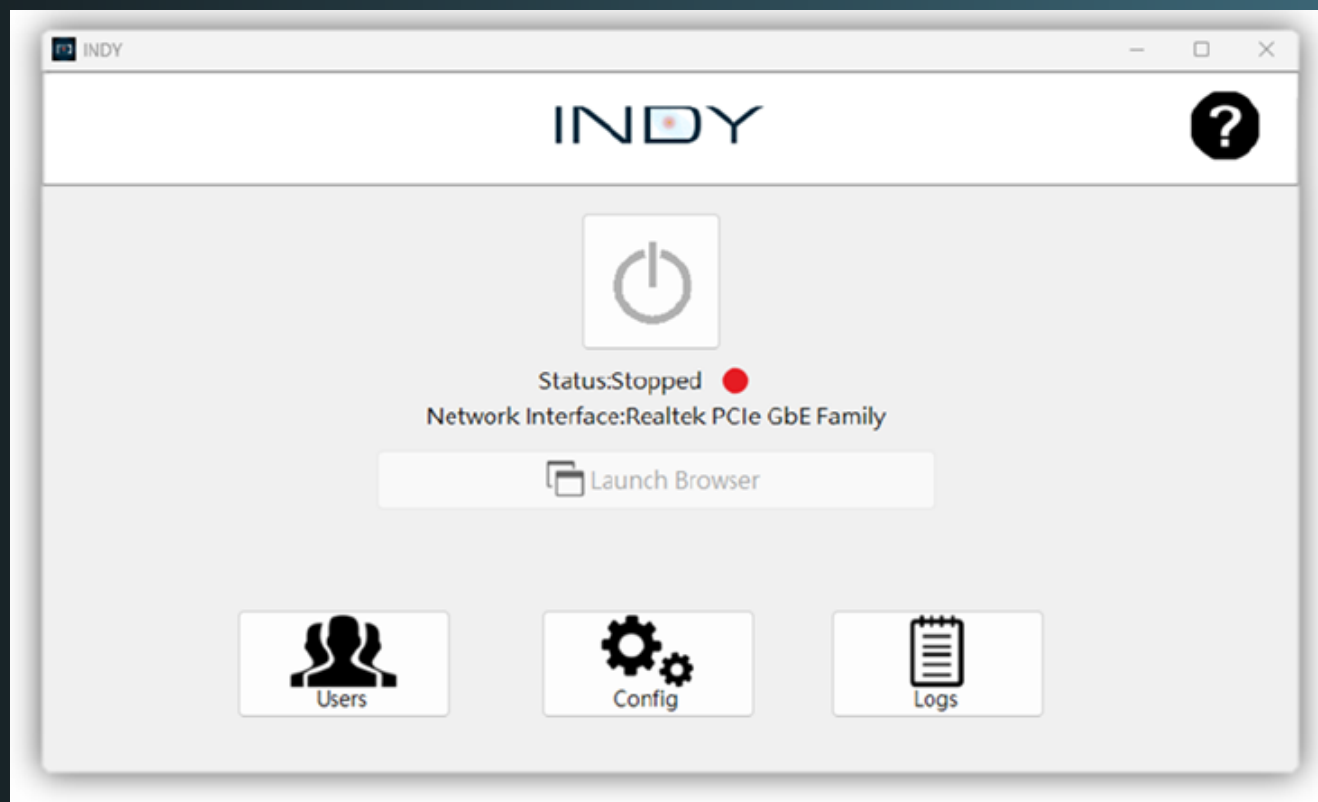
3) Select Enable and then click Apply



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Step 4 First-time activation

- Click power button, wait for green light, then click Launch Browser
- When login screen appears, username will be the email entered during installation, password is "admin"
- Once successfully logged in, you can start using the system



INDY QUICK INSTALLATION GUIDE

Step 4 First-time activation

- Click power button, wait for green light, then click Launch Browser
- When login screen appears, username will be the email entered during installation, password is "admin"
- Once successfully logged in, you can start using the system



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Step 5 Start using INDY Basic

- Once successfully logged in, you can start using the system



INDY QUICK INSTALLATION GUIDE

Configure SNMP on Volktek switch

- Enable SNMP
- Configure SNMP trap

For Switch Side: Enable SNMP/LLDP/
Lamungan Functions

- Go to Switch GUI and log in.



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Find Management > SNMP

The screenshot displays the web management interface for a Volktek 8015-8GT2GS-I switch. The left sidebar shows the navigation menu with 'Management' expanded and 'SNMP' selected. The main content area is titled 'SNMP' and includes tabs for 'Configuration', 'Community Name', 'Trap Event', 'Port Trap Event', and 'Trap Receiver'. The 'Configuration' tab is active, showing 'SNMP Settings' with fields for 'SNMP State' (set to 'Enable'), 'System Name' (set to 'L2SWITCH'), 'System Location', and 'System Contact'. 'Apply' and 'Refresh' buttons are at the bottom. A status bar at the top right shows 'Save', 'About', and 'Logout' icons, along with a port status indicator.

VOLKTEK
8015-8GT2GS-I

LAMUNGAN™

Save About Logout

SNMP

Configuration Community Name Trap Event Port Trap Event Trap Receiver

SNMP Settings

SNMP State: Enable ▼

System Name: L2SWITCH

System Location:

System Contact:

Apply Refresh

INDY QUICK INSTALLATION GUIDE

Select Enable and click Apply in Configuration

VOLKTEK
8015-8GT2GS-I

LAMUNGAN™

Save About Logout

SNMP

Configuration Community Name Trap Event Port Trap Event Trap Receiver

SNMP Settings

SNMP State: Enable ▼

System Name: L2SWITCH

System Location:

System Contact:

Apply Refresh

INDY QUICK INSTALLATION GUIDE

Click Community Name to Set Community String

VOLKTEK

5100-24GT2GS

▶ System Status

▶ Basic Settings

▶ Advanced Settings

▶ Security

▶ Monitor

▼ Management

▼ SNMP

SNMP

SNMP Trap

SNMPv3

Auto Provision

Mail Alarm

Maintenance

Syslog

LOGOUT

SAVE

ABOUT

ALM

PWR

POST

1

3

5

7

9

11

13

15

17

19

21

23

2

4

6

8

10

12

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24

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26

SNMP

SNMP Settings

Community Name

Community Name Settings

Community String	Rights	IP Version	Network ID of Trusted Host	Number of Mask Bit
	Read-Only ▼	IPv4 ▼		

Apply

Refresh

Community Name List

No.	Community String	Rights	IP Version	Network ID of Trusted Host	Number of Mask Bit	Action
1	public	Read-Only	IPv4	192.168.202.0	24	Delete

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Fill these fields. Then click Apply to save data

SNMP

SNMP Settings

Community Name

Community Name Settings

Community String	Rights	IP Version	Network ID of Trusted Host	Number of Mask Bit
	Read/Write ▾ Read-Only Read/Write	IPv4 ▾		

Apply

Refresh

Community Name List

No.	Community String	Rights	IP Version	Network ID of Trusted Host	Number of Mask Bit	Action
1	public	Read-Only	IPv4	192.168.202.0	24	Delete

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Configure SNMP on Volktek switch

- Enable SNMP
- **Configure SNMP trap**

Set SNMP Trap Receiver

- Go to Switch GUI and log in



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Find Management > SNMP > SNMP Trap.

The screenshot displays the web management interface for a VOLKTEK IEN-8648PA device. On the left is a navigation menu with the following items: System Status, Basic Settings, Advanced Settings, Security, Monitor, Management (expanded), SNMP (expanded), SNMP Trap (highlighted), SNMPv3, Auto Provision, Mail Alarm, Maintenance, Syslog, USB Functions, User Account, Device Management, Topology Map, Lamungan Slave, and Volktek Support. The main content area is titled 'SNMP Trap' and features three tabs: 'Trap Receiver' (selected), 'Trap Event', and 'Port Trap Event'. Under the 'Trap Receiver' tab, there is a 'Trap Receiver Settings' section with a table for configuring trap receivers. The table has four columns: IP Version (set to IPv4), IP Address (empty), Version (set to v1), and Community String (empty). Below the table are 'Apply' and 'Refresh' buttons. At the bottom, there is a 'Trap Receiver List' section with a table that has six columns: No., IP Version, IP Address, Version, Community String, and Action. The table is currently empty. In the top right corner of the interface, there are buttons for 'LOGOUT', 'SAVE', and 'ABOUT', along with a status indicator showing POST, ALM, FFS, and PWR lights.

VOLKTEK
IEN-8648PA

System Status
Basic Settings
Advanced Settings
Security
Monitor
Management
SNMP
SNMP Trap
SNMPv3
Auto Provision
Mail Alarm
Maintenance
Syslog
USB Functions
User Account
Device Management
Topology Map
Lamungan Slave
Volktek Support

LOGOUT SAVE ABOUT

POST ALM FFS PWR

SNMP Trap

Trap Receiver Trap Event Port Trap Event

Trap Receiver Settings

IP Version	IP Address	Version	Community String
IPv4		v1	

Apply Refresh

Trap Receiver List

No.	IP Version	IP Address	Version	Community String	Action
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Set SNMP Trap Receiver data:

SNMP Trap

Trap Receiver

Trap Event

Port Trap Event

Trap Receiver Settings

IP Version	IP Address	Version	Community String
IPv4 ▾		v1 ▾	

Apply

Refresh

Trap Receiver List

No.	IP Version	IP Address	Version	Community String	Action
1	IPv4	192.168.3.11	v2c	public	Delete

**MONITOR, MANAGE, AND SECURE
INDY NMS FOR INDUSTRIAL OT SUCCESS!**



INDY



User Friendly



Affordable



Data visualization



Event notification

VOLKTEK

