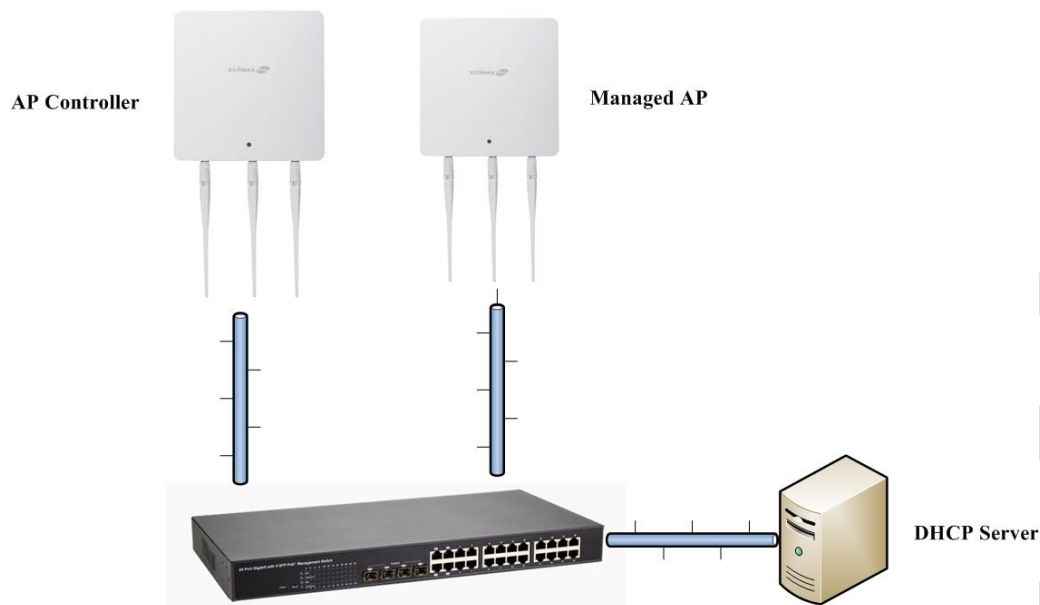


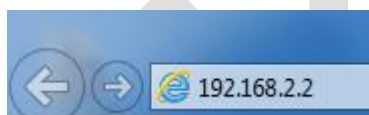
## How to Configure Edimax Pro AP Internal Radius Server in AP Controller Mode

### Network Toplogy

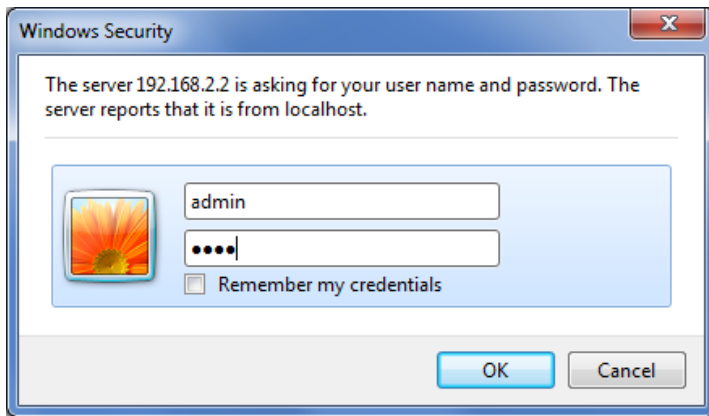


### Configuration Steps

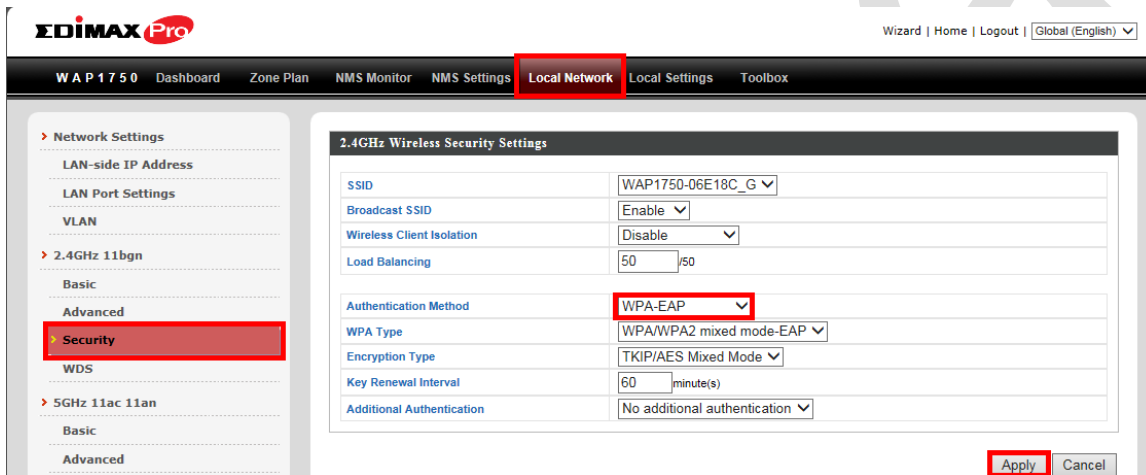
1. Check the IP address of Edimax Pro AP in your DHCP Server, and mark it down.  
For example, it is **192.168.2.2** here.
2. Use laptop to connect to the switch using cable.
3. Open web browser, type **192.168.2.2** on the address bar, and press "Enter".



4. The default **username / password** is **admin / 1234**



5. Click **Local Network** >> **Security** at 2.4GHz 11bgn, change **Authentication Method** to **WPA-EAP**, and click **APPLY**.



6. Click **Security** at 5GHz 11ac 11an, change **Authentication Method** to **WPA-EAP**, and click **APPLY**.

EDIMAX Pro Wizard | Home | Logout | Global (English) ▼

W A P 1 7 5 0 Dashboard Zone Plan NMS Monitor NMS Settings Local Network Local Settings Toolbox

Network Settings

- LAN-side IP Address
- LAN Port Settings
- VLAN
- 2.4GHz 11bgn
  - Basic
  - Advanced
  - Security
  - WDS
- 5GHz 11ac 11an
  - Basic
  - Advanced
  - Security**
  - WDS

5GHz Wireless Security Settings

SSID	WAP1750-06E18C_A ▼
Broadcast SSID	Enable ▼
Wireless Client Isolation	Disable ▼
Load Balancing	50 / 50
Authentication Method	<b>WPA-EAP</b> ▼
WPA Type	WPA/WPA2 mixed mode-EAP ▼
Encryption Type	TKIP/AES Mixed Mode ▼
Key Renewal Interval	60 minute(s)
Additional Authentication	No additional authentication ▼

Apply Cancel

7. Click **RADIUS Settings**, Change **Radius Type** of 2.4GHz and 5GHz to Internal, and click **Apply**.

Network Settings

- LAN-side IP Address
- LAN Port Settings
- VLAN
- 2.4GHz 11bgn
  - Basic
  - Advanced
  - Security
  - WDS
- 5GHz 11ac 11an
  - Basic
  - Advanced
  - Security
  - WDS
- WPS
- RADIUS
  - RADIUS Settings**
  - Internal Server
  - RADIUS Accounts
- MAC Filter
- WMM

RADIUS Server (2.4GHz)

Primary RADIUS Server

RADIUS Type  Internal  External

Secondary RADIUS Server

RADIUS Type  Internal  External

RADIUS Server

Authentication Port 1812

Shared Secret

Session Timeout 3600 second(s)

Accounting  Enable  Disable

Accounting Port 1813

RADIUS Server (5GHz)

Primary RADIUS Server

RADIUS Type  Internal  External

Secondary RADIUS Server

RADIUS Type  Internal  External

RADIUS Server

Authentication Port 1812

Shared Secret

Session Timeout 3600 second(s)

Accounting  Enable  Disable

Accounting Port 1813

- Click **Internal Server**, check **Enable** at **Internet Server**, enter numbers or characters in the field **Shared Secret**, and click **Apply**.

**Internal Server**

Internal Server	<input checked="" type="checkbox"/> Enable
EAP Internal Authentication	PEAP(MS-PEAP) ▾
EAP Certificate File Format	PKCS#12(*.pfx/*.p12)
EAP Certificate File	Upload
Shared Secret	****
Session-Timeout	3600 second(s)
Termination-Action	<input checked="" type="radio"/> Reauthentication (RADIUS-Request) <input type="radio"/> Not-Reauthentication (Default) <input type="radio"/> Not-Send

Apply Cancel

EDIMAX

9. Please do the followings to add Radius user name and configure password.
  - a. Input the username as below in red-box, and click **Add**.
  - b. Click **Edit** to configure password of the username.
  - c. Then click **Apply**.

**RADIUS Accounts**

User Name

Example: USER1, USER2, USER3, USER4

test

Add Reset

**User Registration List**

Select	User Name	Password	Customize
<input type="checkbox"/>	test	Not Configured	Edit

Delete Selected Delete All

**User Registration List**

Select	User Name	Password	Customize
<input type="checkbox"/>	test	Not Configured	Edit

Delete Selected Delete All

**Edit User Registration List**

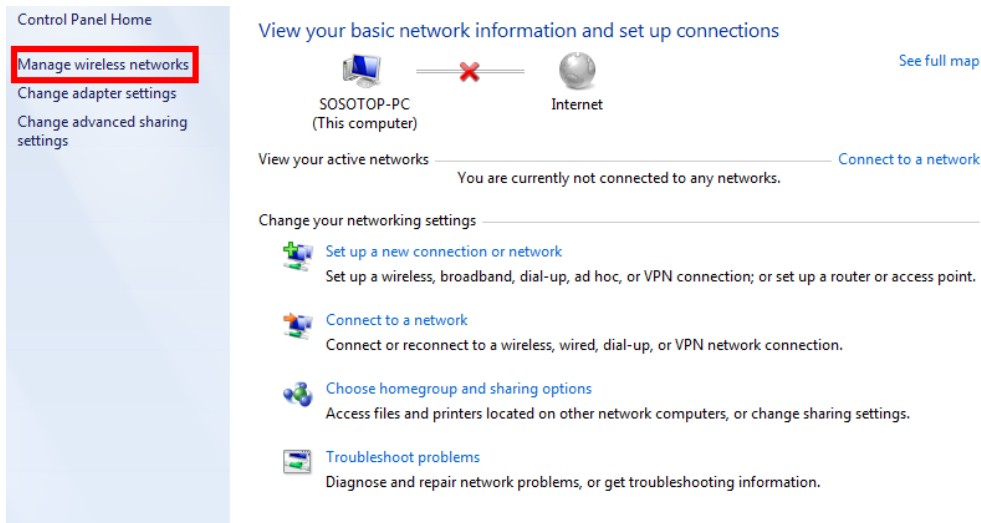
User Name test (4-16characters)

Password ..... (6-32characters)

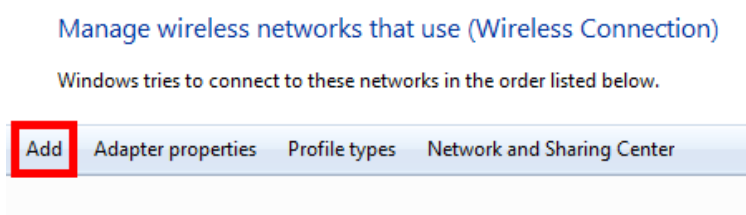
Apply Cancel

## Wireless Adapter Configuration on Windows 7

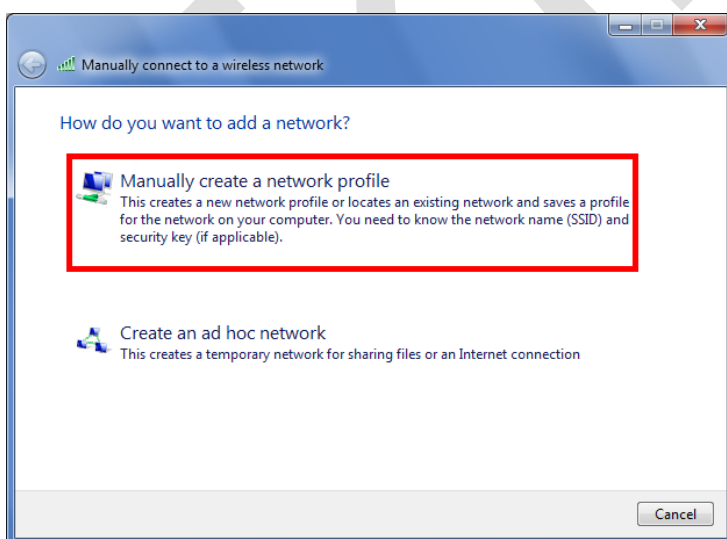
1. Go to **Control Panel**, select **Network and Sharing Center**, and click **Manage wireless network**.



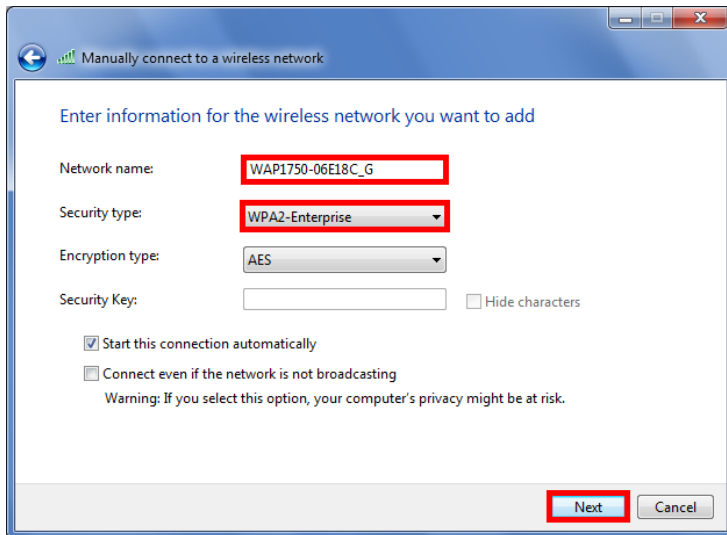
2. Click **Add**.



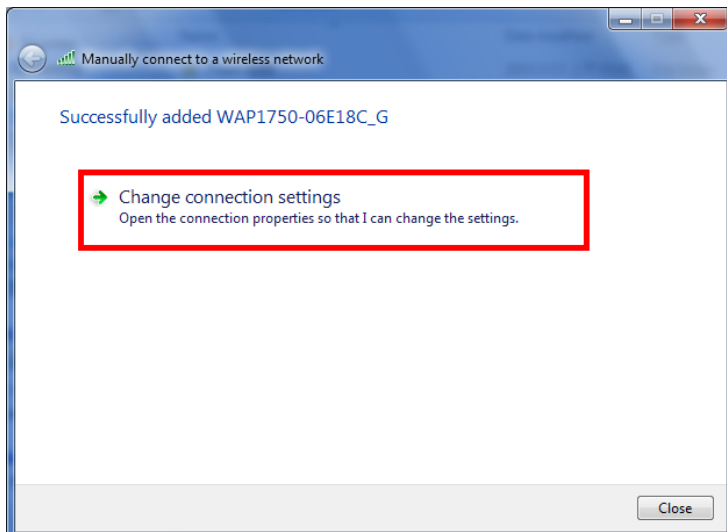
3. Click **Manually create a network profile**.



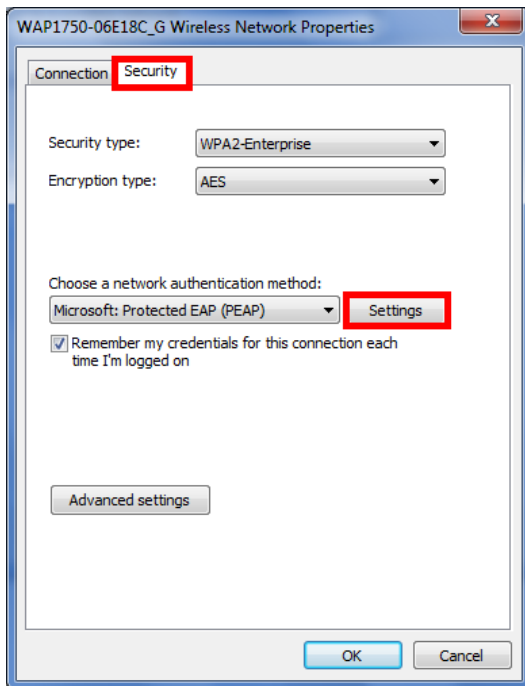
4. Enter **Network name** which you will connect to, change **Security type** to **WPA2-Enterprise**, and click **Next**.



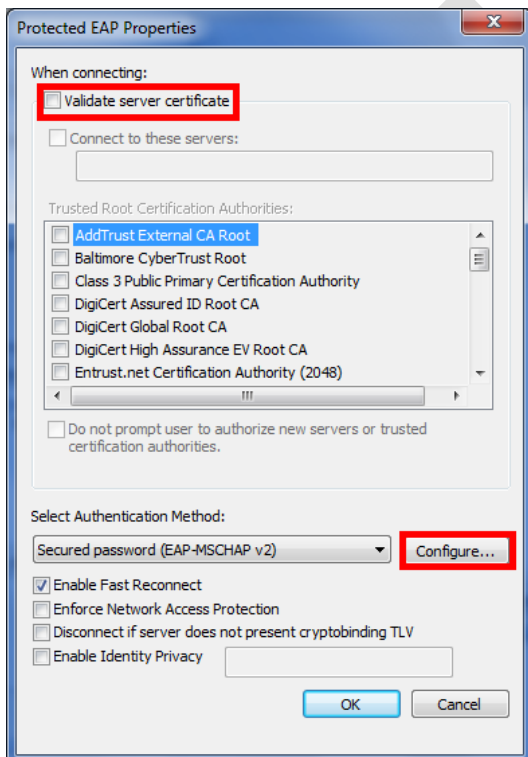
5. Click **Change connection settings**.



6. Click **Security** >> **Settings**.

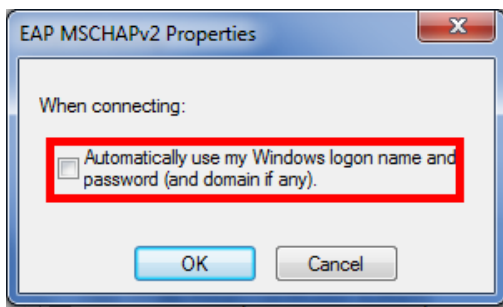


7. Uncheck **Validate server certificate**, and click **Configure**.

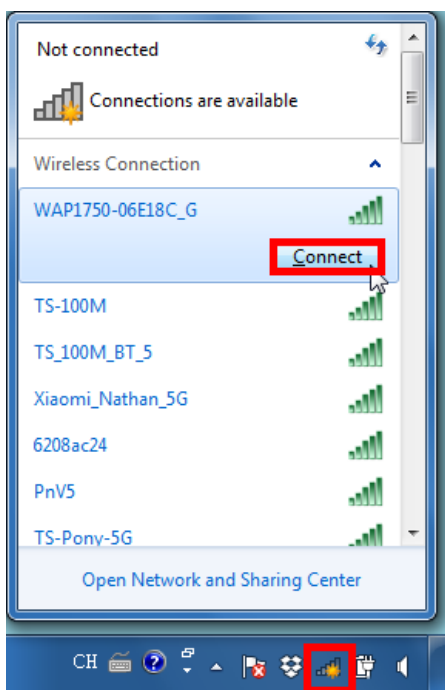




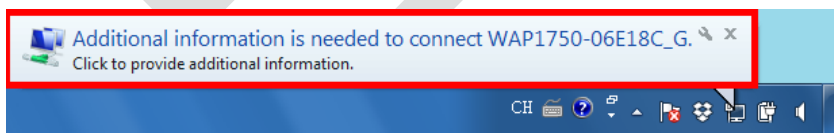
8. Uncheck **Automatically use my Windows logon name and password (and domain if any)**, and click **OK**.



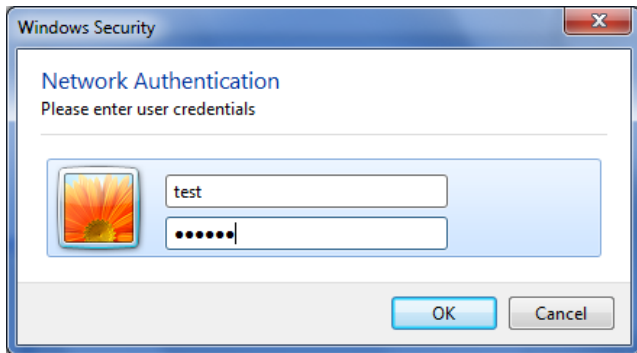
9. Click OK to close other windows. Then choose the Network name to connect.



10. It will pop out a message. Click on the message to continue.



11. Enter the Radius user name and password, and click **OK**.



12. It will display **Connected**. The wireless adapter has connected to Edimax Pro AP successfully.

