

## Complete Communication Re-Configuration Procedure

This procedure is provided to configure your PC to the Wireless Access Points provided with the system.

### Step 1 – Collect Wireless Access Point from Panel

Disconnect the Wireless Access Point from the Panel and bring back to your computer/PC. Ensure that you have power connected to both terminals.

### Step 2 – Find LAN Connection and Configure PC to 192.168.1.50

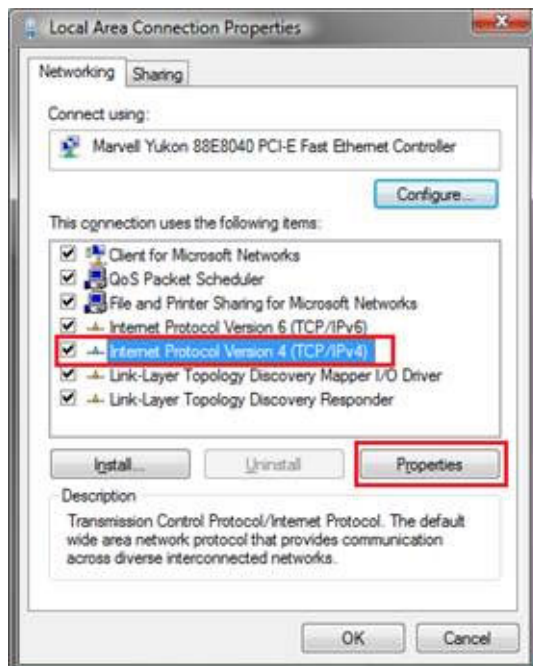
#### VISTA:

1. Click start button
2. Enter "Network" in the "Start Search" box
3. Choose "Network and Sharing Center" in the results list
4. Choose "Manage Network Connections" on the left side of the page
5. Right click on "Local Area Connection" and click on "Properties"

#### XP:

1. Navigate to the "Control Panel"
2. Double click on "Network Connections"
3. Right click on "Local Area Connection" and click on "Properties"

- Select "Internet Protocol Version 4(TCP/IPv4)" and click "Properties".



- Enter the following IP address: 192.168.1.50 and click "OK".

### Step 3 – Reset Both Wireless Access Points

- For both access points, hold the reset button down for 35 seconds (located on the back of the device) to reset the devices.

The following table details the required IP Address settings that the Access Points will be configured to:

Device	Required IP Address
Turbine Controller	192.168.0.61
Access Point	192.168.0.199
Access Point Client	192.168.0.198
Computer	n/a

### Step 4 – Configure Access Point Device

- Connect PC to WAP that says AP on the bottom (written in ink) with a standard Ethernet cable.
- Open Internet explorer and type 192.168.1.100 into the web address line.
- When login prompt appears, the login and password are both “admin”

### Basic Settings

- Select BASIC SETTINGS from left hand menu
- **SSID:** Change the SSID name to “Endurance”
- **WEP Key:** Select “Enabled”
- **Key Mode:** From the drop down menu, select “ASCII”
- Select APPLY
- When prompted, select BACK



## Security

- Select SECURITY from the left hand menu
- **MAC Filter:** Select “Only allow PC’s with MAC listed below to access device”
- **MAC Address:** Enter the MAC address of the “**Access Point Client**” into the cells provided (each cell will have 2 characters per the below example).
- Select APPLY at the bottom of the page
- When prompted, select BACK

TRENDNET 54Mbps 802.11g Wireless Access Point  
TEW-430APB

Security

AP Password New: .....

Confirm: .....

Apply Cancel

MAC Filter

☐ Disabled MAC Filters

☒ Only allow PCs with MAC listed below to access device

☐ Only deny PCs with MAC listed below to access device

MAC address 00 - 14 - d1 - 54 - 75 - db Clear

Connected PCs Clone

Apply Cancel

Once back at the SECURITY page;

- **MAC Filter:** Select “Disabled MAC Filters”
- Select APPLY at the bottom of the page
- When prompted, select BACK

## IP Setting

- Select "IP Setting" from the list of links on the left of the window and in the address box type the following IP address: 192.168.0.199 and press "Apply"
- Do not expect an acknowledgment as you have now changed the IP address but wait 20 seconds before closing out the window.

**TRENDnet** 54Mbps 802.11g Wireless Access Point  
TEW-430APB

Wizard  
Status  
Basic Setting  
**IP Setting**  
Advanced Setting  
Security  
Tools

**IP Setting** [HELP](#)

**LAN IP:** ☐ Obtain IP Automatically ☒ Fixed IP

**Address:** 192.168.0.199

**Subnet Mask:** 255.255.255.0

**Gateway:** 0.0.0.0

**DHCP Server:** ☐ On ☒ Off

**IP Range:** From 192.168.1.101 to 192.168.1.200

**DNS Server:**

[Apply](#) [Cancel](#)

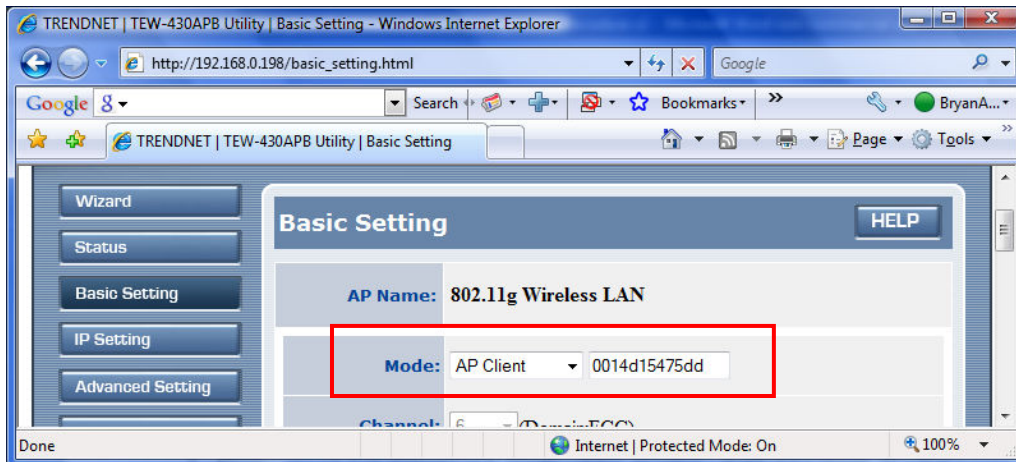
Copyright © 2006 TRENDnet. All Rights Reserved.

### Step 5- Configure Access Point Client Device

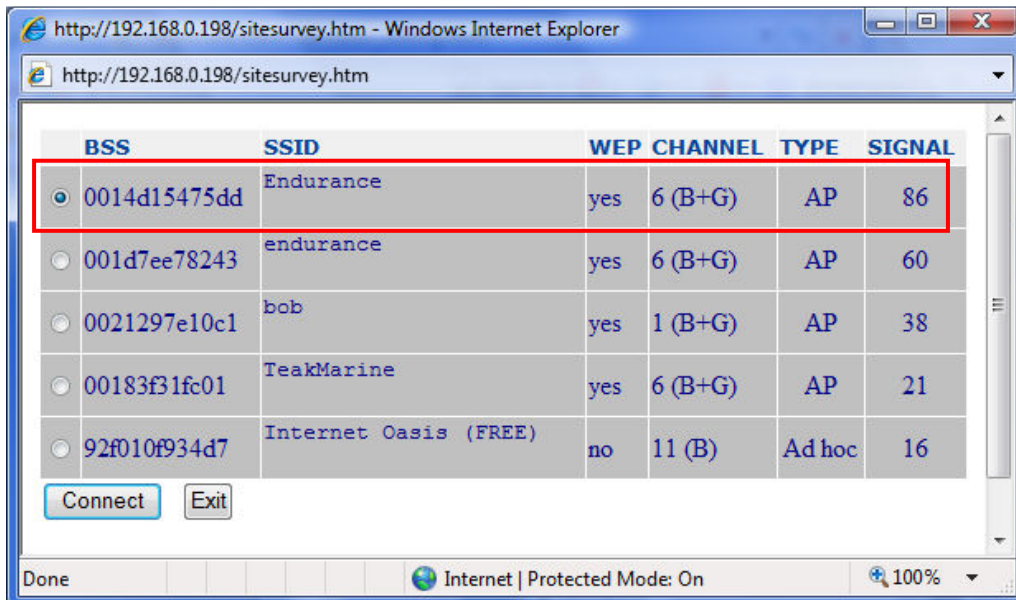
- Connect PC to WAP that says APC on the bottom (written in ink) with a standard Ethernet cable.
- Open Internet explorer and type 192.168.1.100 into the web address line.
- When login prompt appears, the login and password are both “admin”

### Basic Settings

- Select “Basic Setting” from the list of links on the left hand side of the window.
- **Mode:** From the drop down menu in “Mode:”, select “AP Client”. In the space beside “AP Client”, enter the MAC address of the **Access Point (AP)** terminal (not the client) (you will find that on the underside of the Access Point terminal).



- **SSID:** Select “Site Survey”. In the Site Survey Window, select the option with the **Access Point IP address** (should say “Endurance”) and hit “Connect”.



- **WEP Key:** Select “Enabled”
- **Key Mode:** From the drop down menu, select “ASCII”
- Select APPLY
- When prompted, select BACK

The screenshot displays the 'Basic Setting' page for the TRENDNET TEW-430APB Utility. The browser window shows the URL 'http://192.168.1.100/basic\_setting.html'. The left sidebar contains navigation buttons: Basic Setting, IP Setting, Advanced Setting, Security, and Tools. The main content area is titled 'AP Name: 802.11g Wireless LAN' and contains the following settings:

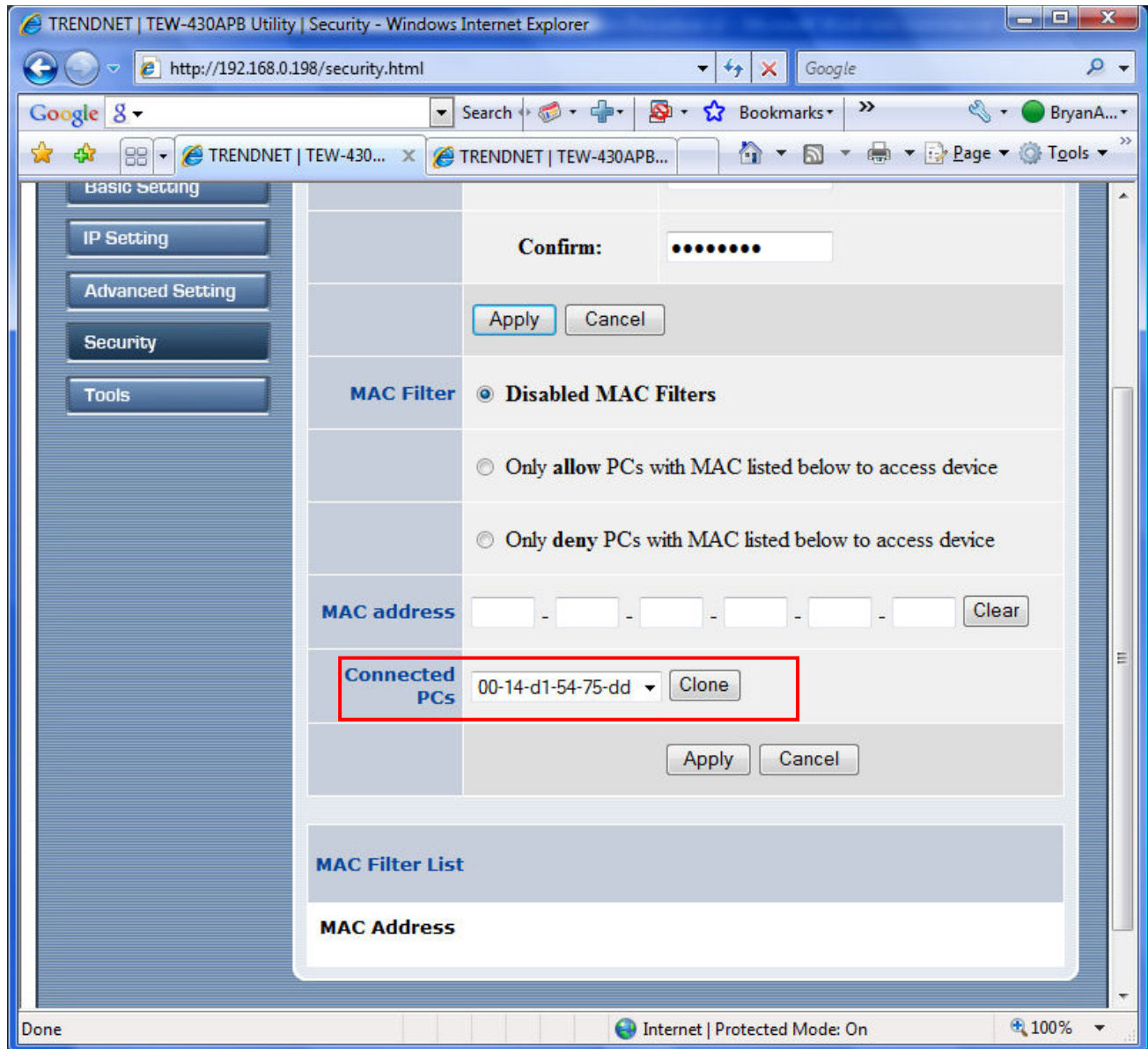
- Mode:** AP Client (dropdown menu) 0014d15475dd
- Channel:** 6 (dropdown menu) (Domain:FCC)
- SSID:** Endurance (text input) [Site Survey button]
- Authentication:**
  - ☒ Open System
  - ☐ Shared Key
  - ☐ WPA-PSK
  - ☐ WPA2-PSK
  - ☐ WPA
  - ☐ WPA2
- WEP Key:** ☒ Enabled ☐ Disabled
- WEP Type:** ☒ 64bits ☐ 128bits
- Key Mode:** ASCII (dropdown menu)
- Key:**
  - ☒ 1. \*\*\*\*\*
  - ☐ 2. \*\*\*\*\*
  - ☐ 3. \*\*\*\*\*

The bottom status bar indicates 'Internet | Protected Mode: On' and a zoom level of 100%.



## Security

- Select SECURITY from the left hand menu
- **MAC Filter:** Check that the setting is to: “Disabled MAC Filters”
- **Connected PCs:** Check that the “Connected PCs” section has the IP address of the Access Point (AP) listed (not the IP address of the AP Client)



## IP Setting

- Select "IP Setting" from the list of links on the left of the window and in the address box type the following IP address: 192.168.0.198 and press "Apply"
- Do not expect an acknowledgment as you have now changed the IP address but wait 20 seconds before closing out the window.

**TRENDnet** 54Mbps 802.11g Wireless Access Point  
TEW-430APB

**IP Setting** [HELP](#)

**LAN IP:** ☐ Obtain IP Automatically ☒ Fixed IP

**Address:** 192.168.0.198

**Subnet Mask:** 255.255.255.0

**Gateway:** 0.0.0.0

**DHCP Server:** ☐ On ☒ Off

**IP Range:** From 192.168.1.101 to 192.168.1.200

**DNS Server:**

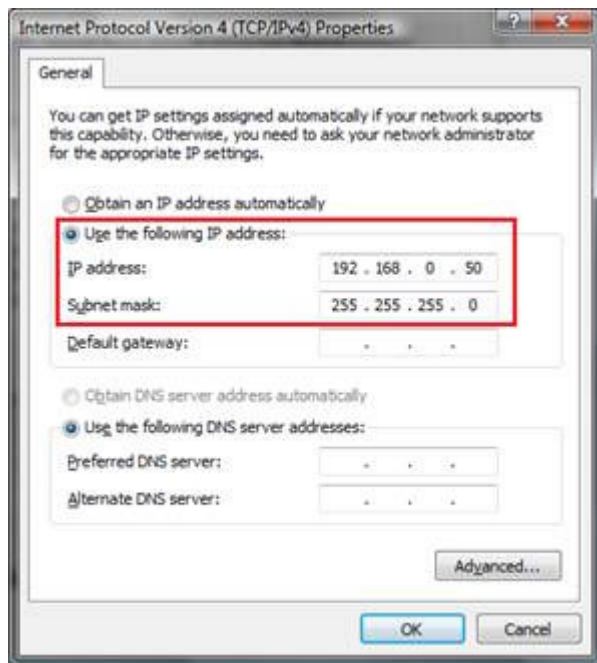
[Apply](#) [Cancel](#)

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### Step 6 – Configure PC/Computer to 192.168.0.50

- Repeat [Step 2](#) but change the IP address: 192.168.0.50 and click “OK”



### Step 7 - Reinstall Device to Panel and Troubleshoot

- Re-install the Panel Wireless Access Point in the control panel and make all connections.

### Step 8 – Connect to the System

- Using the ERI software, try connecting to the system. If you are still unable to connect to the Access Points, contact the Endurance Tech Support line at 1-866-946-3823.