



## WiJET NETWORKING – STEP-BY-STEP INSTRUCTIONS

For WiJET.G, WiJET.Gmac and WiJET.Video

Step-by-step instructions for integrating a WiJET into an existing WLAN. For a more detailed discussion on WiJET network integration please refer to our **WiJET Networking Guide** and/or the **WiJET Technical Manual**.

### STEP 1 - PUTTING THE WIJET ON THE WLAN:

*Assigning the WiJET to the WLAN.*

1. Change the PC/laptop's IP address back to its native network IP address.
2. Using a web-browser access the WiJET's admin tool directly by entering:  
[http://\[the WiJET's current IP address\]](http://[the WiJET's current IP address])
3. Go to the **CONFIG** tab.
4. Set WiJET to **Infrastructure station** mode.
5. Assign the WiJET to a network access point by entering the correct SSID into the **SSID/network** field.
6. "Apply" changes – wait till the WiJET reboots.
7. Exit the web browser.
8. Redirect the PC/laptop WiFi card to network access the access point.
9. After the WiJET restarts, test to make sure sessions can be established via the WLAN.

### STEP 2 - SECURING THE WIRELESS CONNECTION:

*Setting up WEP encryption (optional).*

1. Access the WiJET's admin tool and go to **CONFIG** tab again.
2. Enable WEP.
3. Set authentication mode (*Open or Shared*).
4. Set WEP key type (64-bit or 128-bit).
5. Enter applicable encryption key(s) (64-bit (*10 hex characters*) or 128-bit (*26 hex characters*)).
6. Specify the WEP transmission key.
7. "Apply" changes –wait till the WiJET reboots.

### STEP 3 - SETTING UP THE WIJET TO ACCEPT A DHCP SERVED IP ADDRESS:

*Enabling DHCP IP addressing (optional)*

WiJETs that are integrated into a large corporate/enterprise level network should not be allowed to operate in "auto-IP" mode as this could cause a network conflict if the WiJET assigns itself an IP address that has already been issued. It should be given either a DHCP served IP address or a permanent IP address that is integral to the network.

1. Access admin tool and go to **ADMIN** tab again.
2. Enable DHCP IP addressing.
3. "Apply" changes – the WiJET will reboot.

### STEP 4 - FINAL CHECK:

1. Make sure all banner display indicators correctly reflect the entered customization values.
2. Make sure WiJET and PC/laptop can establish sessions through the WLAN.

### If the WiJET is "Scanning" or otherwise unreachable after it has been reconfigured:

1. Reset the unit to factory defaults.
2. Reconfigure the unit, double checking that the SSID and WEP settings are correct.
3. If the AP to which the WiJET is assigned supports multiple SSIDs, the WiJET must be assigned to the primary SSID. WiJETs do not support "virtual APs".