PRIVATE STATIC IP ADDRESSING FOR WINDOWS

Private static IP addressing may be useful to people that have inbound network traffic or maybe required for some firewalls and routers. To request a static IP address, contact the BWIG help desk.

Configuring a Static IP address in WINDOWS 7 and WINDOWS VISTA*.

1. Click the Windows Orb located in the lower left corner of your desktop **Start** to b Start Menu.



to bring up the

2. Once the Start Menu is up, Click Control Panel.



3. In the Control Panel, Click Network and Internet.



4. Click Network and Sharing Center.



5. Click Change Adapter Settings.

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Control Panel +	Network and Internet      Network and Sharing Center	٩
Control Panel Home Change adapter settings <u>Change advanced sharing</u> settings	View your basic network information and set up connections         Image: PC177       Citycenter.cityofbuffalomn.org       Internet         PC177       Citycenter.cityofbuffalomn.org       Internet         View your active networks       Connect or disconnect         Image: Connect or disconnect       Access type:       Internet         Connections:       Internet       Connections	0
	Change your networking settings Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point. Connect to a network Connect to a network Connect to a wireless, wired, dial-up, or VPN network connection. Choose homegroup and sharing options Access files and printers located on other network computers, or change sharing settings. Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.	
See also HomeGroup Internet Options Windows Firewall		

6. Right click Local Area Connection, and then select Properties from the drop down menu. Select this type of connection if you are connecting to the Ruckus via an Ethernet cable. If you will be using Wi-Fi to connect your computer to your Ruckus, select the connection labeled Wireless Network Connection. The following steps will be the same regardless of the type of connection you have chosen to configure.

Control Panel   Network an	d Internet   Network Connect	ions 🕨	▼ 4	Search Netwo	ork Connections	_	٩
Organize 👻 Disable this network device	Diagnose this connection	Rename this connection	View status of this connection	»	<u>⊷</u> = ▼		(?)
Local Area Connection citycenter.cityofbuffalomn.org Broadcom NetLink (TM) Gigabit	Local Area Connection Network cable unplue Disable Status Diagnose Bridge Connections Create Shortcut Delete Rename Properties	on 2 gged 00 PCI For C					

7. Click Internet Protocol Version 4 to select it. Next, Click on Properties.



8. Select the radio button for the option "Use the following IP address". Enter the static IP address, Subnet Mask, and Default Gateway that have been provided to you. Next, select the radio button for the option "Use the following DNS server addresses". Enter the DNS IP addresses provided to you. If you do not know these required IP addresses, contact the BWIG Help Desk. Once ALL of the addresses have been entered, click OK.

Internet Protocol Version 4 (TCP/IPv4)	? ×							
General								
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.								
Obtain an IP address automatically								
<ul> <li>Use the following IP address:</li> </ul>								
IP address:		•						
Subnet mask:								
Default gateway:		•						
Obtain DNS server address automatically								
<ul> <li>Use the following DNS server addresses:</li> </ul>								
Preferred DNS server:		•						
Alternate DNS server:		•						
Validate settings upon exit		Advi	anced					
	$\bigcirc$	ĸ	Cancel					

9. Click *Close* on the Properties page, and then close all other windows. Your network interface card is now configured to connect using a static IP.

## *Note: These steps may vary slightly with Windows Vista.

## Configuring Static IP in WINDOWS 2000/WINDOWS XP*

- 1. Click *Start*. Click *Settings*, and choose *Control Panel* from the menu.
- 2. From the control panel, double-click the icon for *Network and Dial-up Connections*.
- 3. Right-click the *Local Area Connections* icon, and left click the properties menu option.
- 4. Make sure there is an Internet Protocol in the list for TCP/IP and the box is checked next to it.
- 5. Select *Internet Protocol (TCP/IP)* from the list by clicking on it once. Then click the *Properties* button.
- 6. Select the radio button for the option "Use the following IP address".
- 7. Enter the Private Static IP address provided in the box "IP Address".
- 8. Enter the Subnet Mask provided in the box "Subnet Mask".
- 9. Enter the Gateway IP address in the box "Default Gateway".
- 10. Select the radio button for the option "Use the following DNS server addresses"
- 11. Enter the first DNS server address in the box "Preferred DNS server". Enter the second DNS server address in the box "Alternate DNS server".

12. Click **OK** to close the window. Close all other windows that are open. Your network interface card is now configured for using the Wireless Internet Network.

## *NOTE: These steps may vary slightly with Windows XP.