## PRIVATE STATIC IP ADDRESSING FOR Mac OS X

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. Follow the steps listed below to configure a static IP address within your Airport or Ethernet card.

1. From the desktop, click on the *Finder Icon* in the dock. This will open the Finder window.



2. In Finder, click on *Applications*. Next, scroll through the available applications until you find System Preferences. Double click on *System Preferences*.



3. Click on the *Network* Icon.

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	Show All					Q	
Personal	_		-	-	n		
Appearance	Desktop & Screen Saver	Dock	Exposé & Spaces	Language & Text	Security	Spotlight	
Hardware		0		0	_		
CDs & DVDs	Displays	Energy Saver	Keyboard	Mouse	Trackpad	Print & Fax	Sound
Internet & MobileMe	Wireless	Bluetooth	<b>Sharing</b>				
System		-	-	A	/		
Accounts	Date & Time	Parental Controls	Software Update	Speech	Startup Disk	Time Machine	Universal Access
Other Flip4Mac WMV							

4. The Network configuration options are now displayed. From here, you will need to select the method you will be connecting to the internet. If you will be connecting via an Ethernet cable, select the *Ethernet* connection in the left pane and proceed to <u>Step 9</u>. If you will be connecting wirelessly, select the *Airport* connection in the left hand pane and proceed with the following steps. Verify you are connected to your wireless network by checking the *Network Name*, and then click *Advanced*.



## 5. Click on the TCP/IP tab.

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▶ Show Al	1		٩		
🛜 AirPort	-				
	irPort TCP/IP DNS WINS	802.1X Proxies	Ethernet		
	Preferred Networks:				
	Network Name	Security			
	BK Lounge	WPA Personal			
	QuantumCONNECT	None			
	BWIG Support	None	*		
	QuantumSTAR	None	Y		
	+ - <ul> <li>→ Drag networks into the order you prefer.</li> <li>✓ Remember networks this computer has joined</li> <li>Disconnect when leaving out</li> </ul>				
	Pequire administrator password to:				
	Create computer-to-computer networks				
	Turn AirPort on or off				
	AirPort ID: 78:ca:39:af:3e:21	La			
?)			Cancel OK		

- Select "Manually" from the drop down list associated with Configure IPv4.
   a. Enter the Static IP address in the IPv4 Address field.

  - b. Enter the Subnet Mask
  - c. Enter the Default Gateway address in the Router field.

AirPort	TCP/IP DNS WINS 802.1	X Proxies Ethernet
Configure IPv4:	Manually	
IPv4 Address:	0.0.0.0	
Subnet Mask:		
Router:	3	
Configure IPv6:	Automatically	+
Router:		
IPv6 Address:		
Prefix Length:		

- 7. Click the DNS tab.
  - a. Click the (+) sign to add the first DNS server IP address.
  - b. Click the (+) sign again to add the second DNS server IP address.
  - c. Click OK.

0	Network
Show All	٩
AirPort	
AirPort TCP/IP	DNS WINS 802.1X Proxies Ethernet
	Status Connersed Terratives (18
DNS Servers:	Search Domains:
IPv4 or IPv6 addresses	+ -
	and Annual States & Sector States

8. Click *Apply* to save the settings you have entered. Close all other open windows. Your Airport Wireless connection is now configured to use the Static IP address. Do not follow the next step, your setup is complete.

Show All	Network	0
Loc	ation: Automatic	•
AirPort Connected	Status: Connected AirPort is con the IP address	Turn AirPort Off nected to BK Lounge and has s 192.168.30.143.
FireWire Not Connected	Network Name: BK Lounge	e bin new networks works will be joined automatically. n networks are available, you will efore joining a new network.
+ - &-	☑ Show AirPort status in menu b	bar Advanced) ?

- 9. Click *Ethernet*. Select "*Manually*" from the drop down menu next to Configure IPv4.
  - a. Enter the Static IP address in the IP address field.
  - b. Enter the Subnet Mask.
  - c. Enter the Default Gateway address in the Router field.
  - d. Enter the DNS server addresses.
  - e. Leave the Search Domains field empty
  - f. Click *Apply* to save your settings. Close all open windows. Your Ethernet connection is now configured to use the Static IP address.

000	Network	
Show All		٩
Locat	ion: Automatic	•
Ethernet     Connected     AirPort     Connected	Status:	Connected Ethernet is currently active and has the IP address 192.168.30.93.
FireWire     Not Connected	Configure IPv4:	Manually 🔹
	IP Address: Subnet Mask: Router: DNS Server: Search Domains:	0.0.0
+ - &-		Advanced ?
Click the lock to prevent fu	rther changes.	Assist me Revert Apply

<u>\*\*Note: The steps shown are for Mac OS X 10.6 Snow Leopard. The above steps will vary slightly for OS X 10.5 Leopard and older versions of OS X.</u>