

Troubleshooting	
NTP Server Error	Port 123 is not open NTP address is not correct IP address is not correct Gateway address is not correct DNS address is not correct Port 53 for DNS is not open DNS UDP protocol not allowed EMAC address is blocked
BlueTOAD™ Server Error	Port 8010 is not open TCP protocol not allowed BlueTOAD™ server address is not correct IP address is not correct Gateway address is not correct DNS address is not correct Port 53 for DNS is not open DNS UDP protocol not allowed EMAC address is blocked

Web IP Configuration of Ethernet BlueTOAD Instructions

Remote Access

Ethernet BlueTOAD™ must:

- Be powered on
- Be connected to a switch or Laptop Ethernet port in order for the unit to auto-negotiate

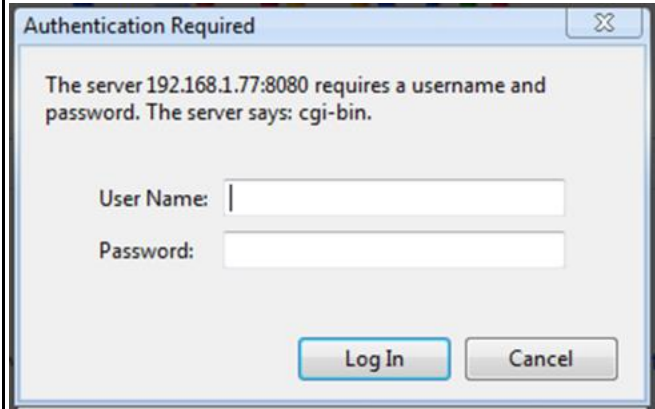
Prior to using the Web Configuration Tool:

- Completely install the Ethernet BlueTOAD™
- Power the unit and let run for at least 5 minutes
- Web tool will only function after Ethernet auto negotiating

Activity	Detail
1. Log into the Ethernet BlueTOAD™	The BlueTOAD™ is shipped with a factory default IP address of 192.168.1.77
2. Open Browser	Chrome or Firefox is preferred but IE will work
Enter default address to access the BlueTOAD™	http://192.168.1.77:8080/cgi-bin/admin.cgi

If the IP address is different from the factory default

Go to step 4

3. Log into the configuration tool User name: admin Password: 77admin77	The default address requires a login and password to proceed. 
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Activity	Detail												
<p>4. Log into the configuration tool</p> <p>User name: admin Password: 77admin77</p>	<p>If the IP address has been changed from the factory default, then use the new IP address to access the log in Website.</p> <div style="border: 1px solid blue; padding: 5px; margin: 10px 0;"> <p>Example if the IP address = 10.109.3.108</p> <p>The log in format is:</p> <p>http:// <IP address>:8080/cgi-bin/admin.cgi</p> <p>http://10.109.3.108:8080/cgi-bin/admin.cgi</p> </div> <p>This will open a log in window as in Step 3</p>												
<p>5. Admin Screen</p> <p>The Admin Screen will be displayed after log in.</p> <p>The Admin Screen will display the network settings for the BlueTOAD™</p>	<p>BlueToad Device Administration</p> <div style="border: 1px solid #ccc; padding: 10px;"> <p>Device Info</p> <p>Device Id: 2051 GMT System Time: 2014-02-28 19:10:59 App Firmware Version: 3.0.2.3609 Ethernet MAC Address: 50:0E:6D:00:04:1C MAC Encryption: disabled NTP Server Status: [OK] BlueTOAD Server Status: [OK]</p> <p>System Settings</p> <p>IP Address Type: <input checked="" type="radio"/> static <input type="radio"/> dhcp</p> <table border="1"> <tr><td>IP Address</td><td>192.168.1.246</td></tr> <tr><td>Netmask</td><td>255.255.255.0</td></tr> <tr><td>Gateway</td><td>192.168.1.1</td></tr> <tr><td>DNS Server</td><td>4.2.2.1</td></tr> <tr><td>NTP Server</td><td>north-america.pool.ntp.org</td></tr> <tr><td>BT Server</td><td>trafficast</td></tr> </table> <p style="text-align: right;"><input type="button" value="Submit Changes"/></p> </div>	IP Address	192.168.1.246	Netmask	255.255.255.0	Gateway	192.168.1.1	DNS Server	4.2.2.1	NTP Server	north-america.pool.ntp.org	BT Server	trafficast
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<p>6. Change settings</p>	<p>To change any of the fields in the System Settings area:</p> <ol style="list-style-type: none"> 1. Enter the desired value into each field 2. Click “Submit Changes” when finished <p>Please note that if you change the IP address, in order to log into this same device, you must use the new IP address</p> <p>The BlueTOAD™ will automatically reset</p>												
<p>Please wait approximately 2 minutes and then reload the Admin Screen to check status</p>													

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<p>Admin Screen</p> <p>Device Info:</p> <p>Provides information pertaining to the BlueTOAD™ such as:</p> <ul style="list-style-type: none"> • Device ID • Current GMT • NTP server status • BlueTOAD™ server status 	<p>BlueToad Device Administration</p> <div style="border: 1px solid #ccc; padding: 10px;"> <p>Device Info</p> <p>Device Id: 2051 GMT System Time: 2014-02-28 19:10:59 App Firmware Version: 3.0.2.3609 Ethernet MAC Address: 50:0E:6D:00:04:1C MAC Encryption: disabled NTP Server Status: [OK] BlueTOAD Server Status: [OK]</p> <p>System Settings</p> <p>IP Address Type: <input checked="" type="radio"/> static <input type="radio"/> dhcp</p> <table border="1"> <tr><td>IP Address</td><td>192.168.1.246</td></tr> <tr><td>Netmask</td><td>255.255.255.0</td></tr> <tr><td>Gateway</td><td>192.168.1.1</td></tr> <tr><td>DNS Server</td><td>4.2.2.1</td></tr> <tr><td>NTP Server</td><td>north-america.pool.ntp.org</td></tr> <tr><td>BT Server</td><td>trafficast</td></tr> </table> <p style="text-align: right;"><input type="button" value="Submit Changes"/></p> </div>	IP Address	192.168.1.246	Netmask	255.255.255.0	Gateway	192.168.1.1	DNS Server	4.2.2.1	NTP Server	north-america.pool.ntp.org	BT Server	trafficast
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<p>Errors:</p> <p>If the BlueTOAD™ is not communicating properly to the NTP or BlueTOAD™ server, an ERROR condition will be displayed.</p>	<p>BlueToad Device Administration</p> <div style="border: 1px solid #ccc; padding: 10px;"> <p>Device Info</p> <p>Device Id: 2051 GMT System Time: 2014-02-28 20:48:40 App Firmware Version: 3.0.2.3609 Ethernet MAC Address: 50:0E:6D:00:04:1C MAC Encryption: disabled NTP Server Status: [ERROR] BlueTOAD Server Status: [OK]</p> <p>System Settings</p> <p>IP Address Type: <input checked="" type="radio"/> static <input type="radio"/> dhcp</p> <table border="1"> <tr><td>IP Address</td><td>192.168.1.246</td></tr> <tr><td>Netmask</td><td>255.255.255.0</td></tr> <tr><td>Gateway</td><td>192.168.1.1</td></tr> <tr><td>DNS Server</td><td>4.2.2.1</td></tr> <tr><td>NTP Server</td><td>north-america.pool.ntp.org</td></tr> <tr><td>BT Server</td><td>trafficast</td></tr> </table> <p style="text-align: right;"><input type="button" value="Submit Changes"/></p> </div>	IP Address	192.168.1.246	Netmask	255.255.255.0	Gateway	192.168.1.1	DNS Server	4.2.2.1	NTP Server	north-america.pool.ntp.org	BT Server	trafficast
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