

**OBJECTIVE**

When the Master controller is replaced on a network of controllers with the **NT** option, the network must be restored at the Master and at each Slave controller.

This application note details the **NT** removal and re-installation sequence

Contact Aquatrac @ [www.aquatrac.com](http://www.aquatrac.com) if you have any questions or operating concerns.

**Method**

**Required:** Notebook PC running either Trackster or HyperTerminal  
RS232 serial port cable. Not a NULL modem cable.

Step	Test	Notes
1.	<p><b>Connect to the master controller using the Configure level password.</b></p> <p>Enter Terminal Mode. – See Notes 1. If you are using HyperTerminal, you'll be in Terminal Mode.</p> <p><b>Key DI &amp; Enter</b> Verify Installed Options shows <b>RS485 network</b></p> <p>If Network Protocol is <b>FlexNET [Master]</b> skip to Step 3.</p>	<p>If you are using Trackster:</p> <ol style="list-style-type: none"> <li>1. Right click on a bleed, blowdown valve or an inhibitor pump.</li> <li>2. Select <b>Configure Control</b> and key <b>Control-Alt-Shift</b></li> <li>3. You'll enter Terminal node.</li> <li>4. If you do not enter terminal mode, use Hyperterminal.</li> </ol>
2.	<p><b>Key NS!,! &amp; Enter</b></p> <p><b>Key NSF,M &amp; Enter</b> then Key <b>BY &amp; Enter</b></p>	<p>Removes networking from the master controller.</p> <p>Sets up controller as <b>FlexNET [Master]</b></p>
3.	<p><b>Connect to first slave controller using the Configure level password.</b></p> <p>Enter Terminal Mode. – See Notes 1.</p> <p><b>Key NS!,! &amp; Enter</b></p> <p><b>Key NSF,R &amp; Enter</b> then Key <b>BY &amp; Enter</b></p>	<p><b>Caution:</b> If you have more than one slave on the network, turn OFF all other slaves controller.</p> <p>Removes networking from the slave controller.</p> <p>Registers Slave controller with Master</p>

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<b>Step</b>	<b>Test</b>	<b>Notes</b>
<b>4.</b>	<p><b>Connect to the master controller using the Configure level password.</b></p> <p>Enter Terminal Mode. – See Notes 1.</p> <p><b>Key NS,A &amp; Enter</b></p> <p><b>Key NT@ &amp; Enter</b> &amp; verify that the No.1 Slave exists.</p> <p>then Key <b>BY &amp; Enter</b></p>	<p>They Master will automatically assign a slave an address within several minutes. This process forces assignement.</p> <p>Assign slave address No.1</p> <p>You can use <b>NT1 &amp; Enter</b> to connect to Slave No.1</p>
<b>5.</b>	<p>Turn ON slave No.2 and repeat steps No.3 &amp; No.4.</p> <p>Repeat for each remaining slave controller.</p>	<p><b>NT@ &amp; Enter</b> in the master displays all of the slaves currently connected to the master.</p>