AV6A EtherNet/IP using ControlLogix Address Setup



Run BOOTP Server Software

- 1. Make sure you are running Logix version 20 or later.
- 2. Run Rockwell's BOOTP Server Go to Windows Start→ All Programs → Rockwell Software→BOOTP DCHP Server



- 3. After 10 Seconds the MAC address found on the encoder nameplate should be in the "Request History"
- **4.** Double click on the MAC address for the encoder. The following window will open:
- 5. Program the IP address for the encoder and press "OK".



6. You should now see the IP address in the "Relation List".

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- 7. In the "Request History" and the "Relation List", verify the MAC and the IP address coincide.
- 8. In the "Relation List", click on the MAC address with the new IP.
- 9. Click on the "Disable BOOTP/DHCP" button.
- **10.** Go to windows "Command Prompt" and ping the encoder IP address.

Administrator: Command Prompt	
Microsoft Vindows (Version 6.1.7601) Copyright (c) 2009 Microsoft Corporation. All rights reserved.	
C:\Users\Dane>PING 192.168.1.20	
Pinging 192.168.1.20 with 32 bytes of data: Meply from 192.168.1.20: bytes=32 time=4ms TTL=120 Meply from 192.168.1.20: bytes=32 time=2ms TTL=120 Meply from 192.168.1.20: bytes=32 time=1ms TTL=120 Meply from 192.168.1.20: bytes=32 time=2ms TTL=120	
Ping statistics for 192.168.1.20: Packets: Sent = 4, Recsived = 4, Lost = 0 (0x loss), Approximate round trip times in nilli=seconds: Minimum = lms, Maximum = 4ms, Average = 2ms	
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- **11.** If the ping worked like the picture above, the encoder is now ready for configuration in Logix or Studio.
- Follow the instructions for inserting an AV6A into your PLC program.

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