APPLICATION NOTE

APP125

Revision History

Date	Author	Description
2-8-17	DEW	Changing Ethernet IP address on MAGNUM

Changing the Ethernet IP address on the MCS-MAGNUM

If you need to change the Ethernet IP address or subnet on the Magnum because of a conflict follow the instructions below.

A conflict usually involves the last 3 digits of the address.

You can use the MCS-KEYPAD or MCS-CONNECT to make this change.

1.1.   Using MCS-CONNECT

Start by gathering the correct network information for your plant, including the Ethernet IP address and the Subnet address.

1.   Open MCS-CONNECT
2.   Connect to the MAGNUM or MicroMag controller that needs to be changed.
3.   **YOU MUST BE AUTHORIZED TO MAKE THIS CHANGE.**
4.   Once on the MCS-CONNECT status screen, click on the 'VIEW' tab at the stop of your screen.
5.   Click on 'SERVICE WINDOW'
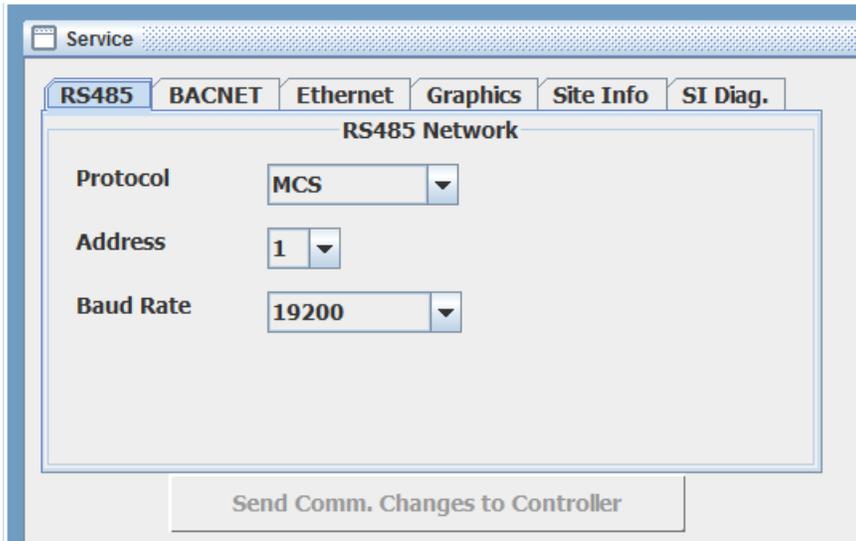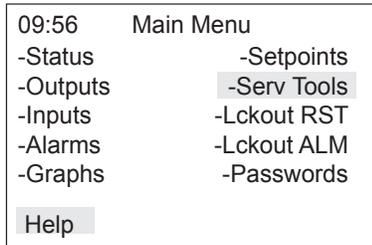

6.   Click on **'ETHERNET'**
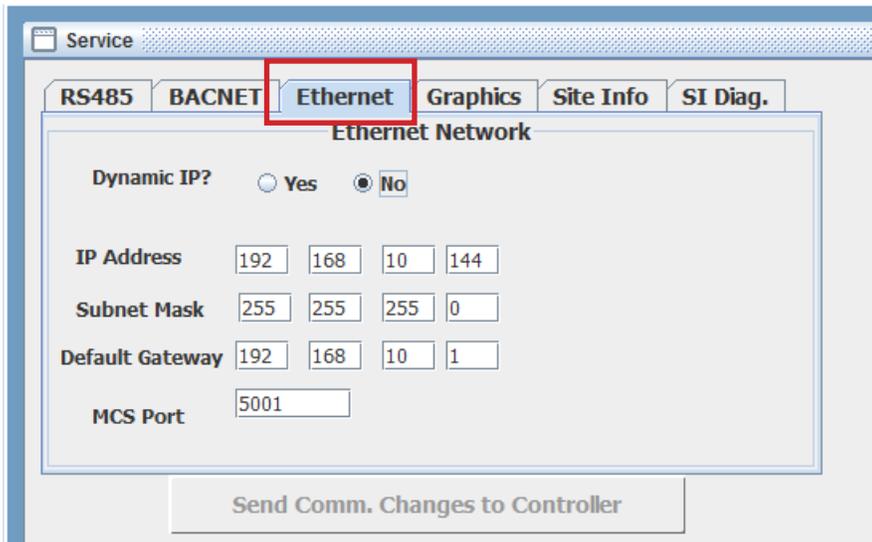
7.   Make the necessary changes and click the button **"SEND COMM. CHANGES TO THE CONTROLLER.**
8.   **YOU MUST 'RESET THE MAGNUM BY PUSHING THE RESET BUTTON ON THE MAGNUM.**
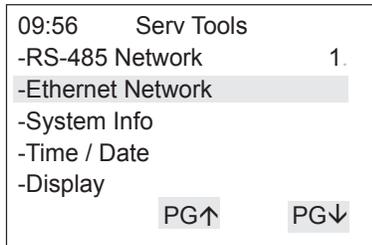
1.2.   Using MCS-KEYPAD

Determining and Changing the Network Address of a Magnum
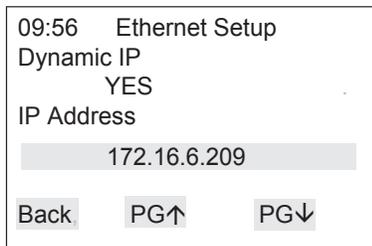## YOU MUST BE AUTHORIZED TO MAKE THIS CHANGE

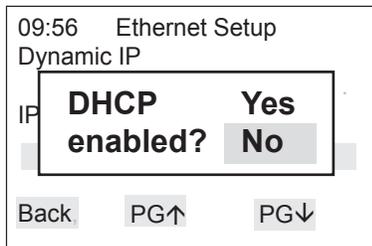1. First, at the Main Menu use the arrow keys to navigate to **Serv Tools:**

```
09:56        Main Menu
-Status            -Setpoints
-Outputs           -Serv Tools
-Inputs            -Lckout RST
-Alarms            -Lckout ALM
-Graphs            -Passwords

 Help
```

2. Next, press the Enter key. You will see the following:

```
09:56        Serv Tools
-RS-485 Network              1.
-Ethernet Network
-System Info
-Time / Date
-Display
               PG↑        PG↓
```

3. Use the up and down arrow keys to highlight **Address:**

```
09:56      Ethernet Setup
Dynamic IP
        YES
IP Address
        172.16.6.209

Back     PG↑      PG↓
```

4. Now press the Enter key. You should see something simar to the following:

```
09:56      Ethernet Setup
Dynamic IP

IP   DHCP      Yes
     enabled?  No

Back     PG↑      PG↓
```

5. Use the up and down arrow keys to highlight **NO:**
   DHCP WILL BE DISALBED

6. Next screen will show as below:

```
09:56      Ethernet Setup
Dynamic IP
     Change Made

IP
        172.16.6.209

Back     PG↑      PG↓
```
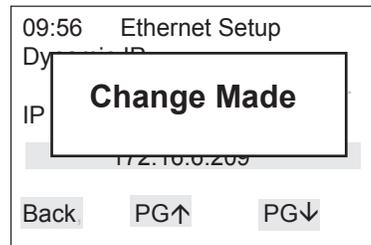
7. Use the up and down arrow keys to highlight the IP Address:

```
09:56     Ethernet Setup
Dynamic IP
        YES
IP Address
        172.16.6.209

Back     PG↑      PG↓
```
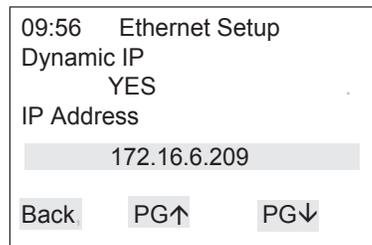
8. The cursor will highlighti the first 3 characters to change:
   If you have a conflict change the last 3 numbers.
   Use the up and down arrow keys to change.
   Press the enter key when you have the change made.

```
09:56     Ethernet Setup
Dy
IP   IP Address
     172.16.6.210
        172.16.6.209

Back     PG↑      PG↓
```

9. Next screen will show as below:

```
09:56     Ethernet Setup
Dy
     Change Made
IP
        172.16.6.209

Back     PG↑      PG↓
```