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SLC4082 BB2 Customer Configuration Instructions

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The SLC4082 Babel Buster 2 (BB2) is delivered with all the data points preprogrammed to be compatible with the SLC4075-x Touchscreen gateway.

The unit may be re-configured to change the Instance ID from the default 4082, MS/TP MAC address from the default 121, or MS/TP baud rate from the default 38400.

- *When multiple units are to be installed on the same network, each unit must be assigned a unique Instance ID and MAC address.*

The default IP address for the unit has been changed to: **192.168.0.103**

Do Not Change This Address, as it must be compatible with the IP address of the SLC4075 (192.168.0.104), and is never visible on a common network, even if multiple SLC4082s are in use.

The BB2 contains an http server which provides for re-configuration.

1 Required Equipment

1. External 24V ac or 24V dc power supply.
2. Laptop PC with wired Ethernet port.
3. A standard Ethernet patch cable, such as SLC4020-x.

2 Detailed Instructions

1. Configure a laptop computer to have the TCP/IP settings as follows:
 - a. Static IPV4 Address: 192.168.0.99
 - b. Subnet Mask: 255.255.255.0
 - c. Default Gateway: 0.0.0.0
 - d. Connect the laptop PC to the BB2
 - e. Default Logon ID: **system**
 - f. Default Password: **admin**

3 Change Instance ID

1. Select <System Setup>; <Setup>; <BACnet IP Port>
2. Change BACnet IP Settings; Device Instance to the desired value
3. <Save>
4. Wait while the information is saved to the unit
5. The browser should automatically refresh, but if it doesn't, <Refresh> to verify the value has been changed

Device Instance

The screenshot shows a web browser window titled "BACnet Port Manager" with the URL "192.168.0.103/pgBIPNetwork.html". The main content area is titled "BACnet IP Settings:" and contains the following fields and controls:

- Device Instance:** 4082 (highlighted with a red arrow)
- Port (default 0xBAC0 = 47808):** 47808
- Device Object Name:** Selectronix SLC4082 BB2-7030 BACnet Gateway/Router
- Device Description:** Babel Buster BB2-7030 BACnet Gateway/Router
- Device Location:** USA
- APDU Timeout:** 3000
- APDU Retries:** 3
- APDU Segment Timeout:** 5000
- Database Revision:** 110
- Object Count Limits:**

	Input Objects	Output Objects	Value Objects
Analog	51 [51]	1 [1]	60 [60]
Binary	1 [1]	1 [1]	1 [1]
Multi-State	1 [1]	1 [1]	1 [1]
- Allow fault self-reset without Ack:**
- Enable BBMD:**
- Self-restart upon comms loss:** Check to **disable**
- Backlog Limit:** 0
- I-Am route learning:** Check to **disable**
- I-Am-Router route learning:** Check to **disable**
- Disable segmentation:** Check to **disable**
- Disable ALL routing:** Check to **disable**

A "Save" button is located to the right of the "Device Instance" field. A link for "Local Network Settings" is in the top right corner.

4 Change MS/TP MAC Address or Baud rate

1. Change the MSTP Port Configuration MSTP MAC address to the desired value
2. Change the baud rate using the drop down arrow to either 9600, 19200, or 76800
3. <Save>
4. Wait while the information is saved to the unit
5. The browser should automatically refresh, but if it doesn't, <Refresh> to verify the value has been changed

