

## How to Load a New SLC 5/04 PLC using DH+ on the CommandView Computer or DH+ Network

Step1: Remove DH+ plug from all devices such as: PanelMate and PLC except the PLC that you want to load the program.

### **Setup Communication using RSLinx:**

Step 2: Open RSLinx by selecting Start – Programs – Rockwell Software – RSLinx – RSLinx

Step 3: Make sure that RSWho is not running, Select Communications – Configure Drivers

Step 4: High light AB\_KT-1 DH+ and press the Configure button

Step 5: High light DH+ speed and change value from 230.4k to 57.6k by selecting from the value drop down selection.

Step 6: Press OK and Close the Configure Drivers window.

Step 7: Confirm communication connection to the PLC by selecting Communications – RSWho

Step 8: From the RSWho window, expand the AB\_KT-1, Data Highway Plus by clicking on the + Make sure that the PLC is shown as: **01 DEFAULT** otherwise you will not be able to communicate to it using RSLogix. Always close the RSWho window after completed. Minimize RSLinx.

### **Loading the PLC Program using RSLogix 500:**

Step 9: Open RSLogix 500 by select Start – Programs – Rockwell Software – RSLogix 500 – RSLogix 500

Step 10: Select the PLC program that you want to load.

Step 11: Under Controller, double click on Controller Properties.

Select Controller Communications tab, Press the Who Active button.

From the Communications window, select the PLC label **01 DEFAULT** under the AB\_KT-1, Data Highway Plus by high light it then press OK.

Verify Driver: AB\_KT-1 and Processor Node: 1 then press OK.

Step 12: Start Download process by select Comms – Download.

Step 13: Select **Apply** when the Apply Channel Configuration to Online Processor window pop up. This will change the baud rate and node address number of the default PLC to whatever the PLC program is set at. (Typically 230.4k and node address depending on the machine)  
Close RSLogix 500.

## Changing the Communication Baud Rate using RSLinx:

Step 14: Maximize RSLinx.

Step 15: Make sure that RSWho is not running, Select Communications – Configure Drivers

Step 16: High light AB\_KT-1 DH+ and press the Configure button

Step 17: Change the DH+ speed from 57.6k to 230.4k by selecting from the value drop down selection.

Step 18: Press OK and Close the Configure Drivers window.

Step 19: Re-connect DH+ plug to all devices.

Step 20: Confirm communication connection to the PLC by selecting Communications – RSWho

Step 21: From the RSWho window, expand the AB\_KT-1, Data Highway Plus by clicking on the + Make sure that the entire DH+ network is shown up as:

Block Machine or CPM - 02 CPM or MBS - 03 MBS, etc...

Step 22: Remove the **01 DEFAULT** from DH+ communication window by right click on it and selecting Remove.

Step 23: Close the RSWho window after completed.  
Minimize RSLinx.

## Connecting to the PLC Program using RSLogix 500:

Step 24: Open RSLogix 500 by select Start – Programs – Rockwell Software – RSLogix 500 – RSLogix 500

Step 25: Select the PLC program that you have been working with.

Step 26: Under Controller, double click on Controller Properties.

Select Controller Communications tab, Press the Who Active button.

From the Communications window, select new PLC you have been working with, under the AB\_KT-1, Data Highway Plus by high light it then press OK.

Verify Driver: AB\_KT-1 and Processor Node: \_\_\_ (depending on the machine) then press OK.

Step 27: Start Download process by select Comms – Download.

Step 28: After download is completed, put the PLC in Run mode.