

Direct Confirmation

DataWorx PLC Professional

Purpose

Direct confirmation for DataWorx PLC is meant to take the place of the RX confirmation. It is more reliable values will be written *only* when the procedure has been completed. With the traditional RX, a stale value might be cache in the ECOM (or wherever it is held) and make it seem like a confirmation has been sent when it might only be from a previous procedure.

Setup

- Open the "Run" dialog (Windows Key + R).
- Type regedit and hit OK.
- In the left pane, navigate to:
 - HKEY_LOCAL_MACHINE → SOFTWARE → BizWareDirect, Inc → DataWorxPLC → Server
 - (On Windows Vista, 7 64-bit):
 - HKEY_LOCAL_MACHINE → Wow6432Node → SOFTWARE → BizWareDirect, Inc → DataWorxPLC → Server
- With the Server folder selected, click on the Edit menu. Then click:
 - New → String Value
- A new string value will be added to the right pane and allow you to type a name. Type "DirectConfirmation" and press Enter.
- With the new "DirectConfirmation" selected, press Enter.
- An Edit String dialog will pop up. Type the v-memory location to which you want the confirmation to be written.

Notes

- RX still needs to be turned on in configuration.
- The v-memory location must have 4 numeric digits.
- It can optionally be preceded by a "v" (lower case) or "V" (upper case).
- Example: "3030", "v3030", or "V3030".
- This location will be universal to ALL PLCs that are configured.
- Cannot yet be configured using the Monitor.
- This setting is not backed up or restored.
- Will also work with SELECT procedures.
- Should probably set the location to somewhere other than the RX confirmation location just in the you attempt to do both. You don't want one to overwrite the other. For example: "3030" instead of "3020".