



## Are you considering control upgrades on systems with obsolete or mature Allen-Bradley products?

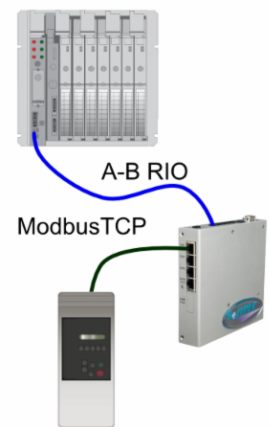
### We have great solutions

whether you just want to [replace a VFD, HMI](#) or other equipment on RIO/DH+, or if you are ready to also replace the [Allen-Bradley PLC](#) itself.

## Replacing Drives/HMI's on RIO or DH+

A [Smart Gateway](#) provides an excellent solution if you want to upgrade an obsolete drive or HMI without having to change the PLC (PLC-5, SLC-500, PLC-3, or PLC-2). In many cases, it isn't feasible to upgrade the PLC and/or network cabling due to limited budget, time, or resources.

With our solution, the A-B PLC hardware or programming do not need to be changed **in any way**. The Smart Gateway appears to the PLC as if it were the old drive/HMI on the existing RIO (blue hose) network.



Your new drive/HMI, which can be from most any vendor (eg: *ABB/Baldor, Siemens, Schneider, among others*), can connect to the Smart Gateway using a serial or Ethernet connection.

In the Smart Gateway, a mapping takes place to move the values within the data block(s) from the old parameter order to that required for the new equipment.

Rockwell's solution for this application requires use of a third party gateway which is higher priced, and offers less functionality than the Smart Gateway. AND the same Smart Gateway can be used to [replace the PLC](#) when you're ready to do so!

Function	Smart Gateway SM2S-LT-ABRIOA	ProSoft AN-X2-AB-DHRIO
Protocols supported <i>(on Drive/HMI side)</i>	Range of serial and Ethernet protocols (4 of each type port), option for fieldbus (eg: <i>Profibus, DeviceNet, etc.</i> )	Ethernet/IP only, 1 port
RIO Slave Support	- Up to 2 channels, 32 racks per channel - No limits on number of Drives or PanelViews other than network	- 1 channel, 32 racks - Limited to (4) Drives or (8) PanelViews

	protocol limit	
Other Functions	<ul style="list-style-type: none"> <li>- DH+ Gateway (<i>in addition to RIO port</i>)</li> <li>- 4 serial ports for additional networks</li> <li>- Managed 4 port Ethernet switch</li> <li>- Logic and I/O control <b>(can also replace the PLC!)</b></li> <li>- Data Logging</li> <li>- Email/Text messaging</li> <li>- Firewall/VPN/remote access</li> <li>- Virtual HMI/Web Server</li> <li>- many more!</li> </ul>	- DH+ Gateway ( <i>replaces RIO port</i> )
Price	From \$1190	From \$1780

[More information...](#)

## A-B PLC Migrations

Rockwell Automation has announced the imminent obsolescence of the PLC-5 and SLC-500, while the PLC-2 and PLC-3 have already been obsolete for years.

**Migration solutions from Rockwell are not the only (or even the best) options.**



There is and will continue to be a huge surplus market inventory of A-B I/O equipment.

Upgrades are most often desired due to limitations of the PLC CPU or programming software incompatibility with modern computers/Windows operating systems - not because the I/O is failing.

We offer a full range of low downtime, low cost, high power migration options whether you want to:

- obtain [programming software](#) to support an old PLC
- [add I/O or communications](#) to an existing PLC
- [replace the PLC](#)
- replace the [PLC and other components](#) (eg; network, I/O, etc.)

Detailed information can be found at the links above, including videos, powerpoints and data sheets. Or [contact us](#) to discuss your upgrade applications at any time.

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