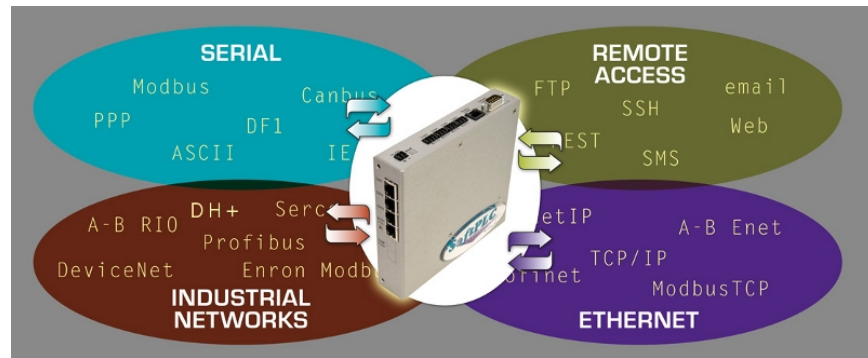


SoftPLC Gateways

Protocol Converters, Data Loggers & much more!



General Description

SoftPLC Gateways bridge devices between different networks. Every SoftPLC Gateway includes a comprehensive set of drivers, allowing users to configure any mix of up to 16 simultaneous drivers to meet their network bridging needs.

In addition to network bridging, SoftPLC Gateways provide a flexible, intelligent platform that can be programmed for advanced functions such as data scaling or logging.

SoftPLC Gateways also provide options for remote access, with our TagWell™ M2M Cloud platform or via dial-up telephone connections.

Some Supported Protocols

Serial Protocols:

- ASCII
- Modbus RTU/ASCII Master & Slave
- Enron Modbus Master
- DF1 Full & Half-Duplex
- CAN / J1939

Ethernet Protocols:

- Modbus TCP/UDP Master & Slave
- A-B DF1 Ethernet
- EthernetIP Scanner & Adapter
- ProfiNet Device & Controller
- EtherCAT Master & Slave

Fieldbus/Proprietary Protocols:

- A-B DH+, up to 2 channels
- A-B RIO Master/Adapter
- Profibus Master & Slave
- DeviceNet Master & Slave
- CANopen Master & Slave
- SERCOS Master & Slave
- CC Link Slave

Others can be added – just ask!

Features

- ◆ Up to (16) different protocols can be supported simultaneously
- ◆ Hundreds of thousands of data points supported, extremely fast throughput
- ◆ Easy configuration and data mapping
- ◆ Diagnostics, real-time status monitoring
- ◆ Supports user logic for diagnostics, data manipulation, scaling, logging, etc.

Applications

- ◆ Protocol Converter - Communicate data between devices on different networks
- ◆ Control System Upgrades - Interface between old/obsolete and new equipment
- ◆ Data Concentrator - Send data from multiple networks to higher level system
- ◆ Data Logger - Capture data from multiple systems into a single log file
- ◆ Remote Access Interface to plant/machine for alarm notification, monitoring, data collection or troubleshooting

Available Models



Smart SoftPLC Gateway

(4) port managed Ethernet switch, 6 serial ports w/ options for A-B RIO/DH+/CAN, up to (3) add-on PCI-104 cards



Micro SoftPLC Gateway

(1) Ethernet, (1) serial, option for SDI-12, option for additional serial ports



Hardbook Gateway

Array of models w/ multiple Ethernet, serial, USB ports & PCI slots for add-on cards

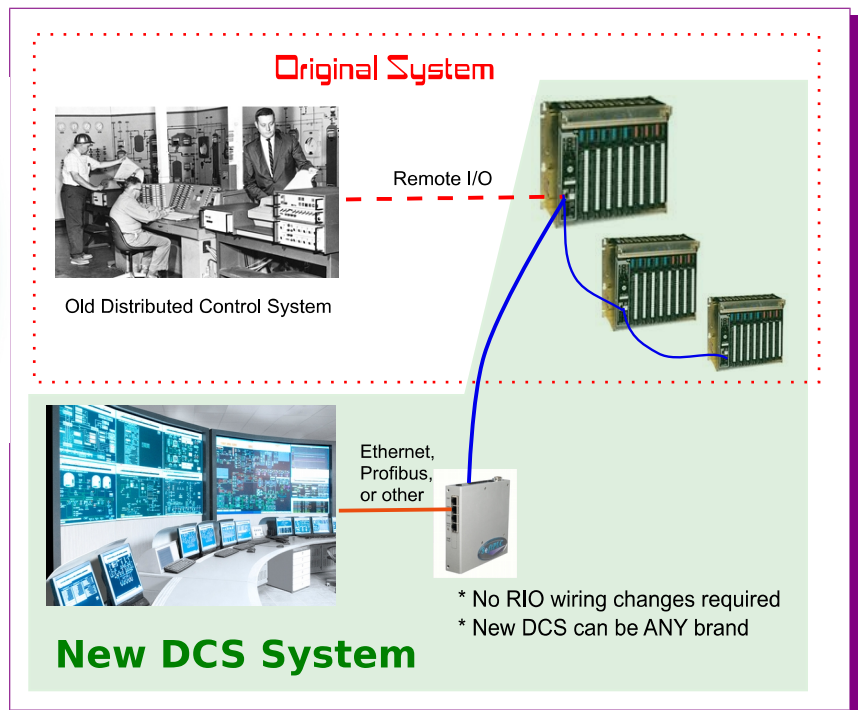
Example SoftPLC Gateway Applications



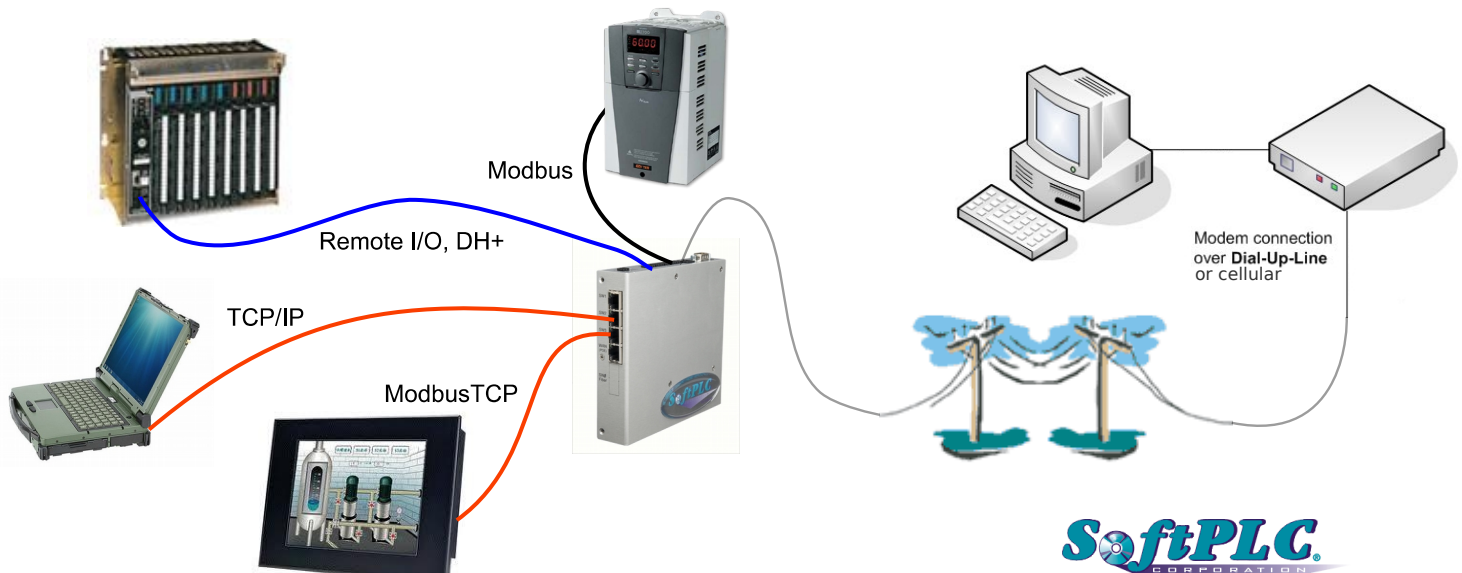
- * No changes required in A-B PLC or RIO cabling (PLC-5, SLC-500, PLC-2 or PLC-3)
- * New HMI can be ANY brand
 - connects to SoftPLC Smart Gateway on Ethernet, serial, or other
- * If new HMI is Web Studio, old PanelView application can also be converted
- * Smart Gateway uses A-B RIO Adapter & Ethernet/Serial/other Master drivers



SoftPLC Gateways can provide access to other control systems via SoftPLC's TagWell Cloud Remote Management Platform (cell/satellite/etc) and via direct modem connections. The Gateway acts as a **remote router access switch** and/or as a **data concentrator**.



- * No RIO wiring changes required
- * New DCS can be ANY brand



SoftPLC
CORPORATION

<http://softplc.com>