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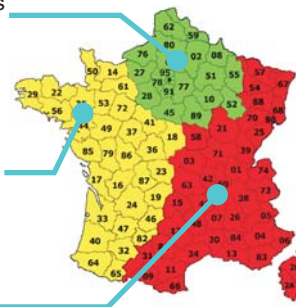
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Groupe **2AR**

 ProLinx[®]

Stand-Alone Industrial Gateways

Table of Contents

2

Stand-Alone Gateways

3

Port Expanders

4

Ethernet Gateways

5

Field Instrumentation

Field Automation

6

Serial Gateways

7

ProLinX Product Chart

11

Wireless Gateways

14

ProSoft Tested

15

Application Server

16

About ProSoft Technology



5000 Series

ProLinX Gateways®
Connectivity solutions between two network protocols with over 150 options.



6000 Series

Wireless Gateways
Connect the same or different protocols "over-the-air".



7000 Series

ProLinX AppSrvCE
'C' programmability with built-in data historian



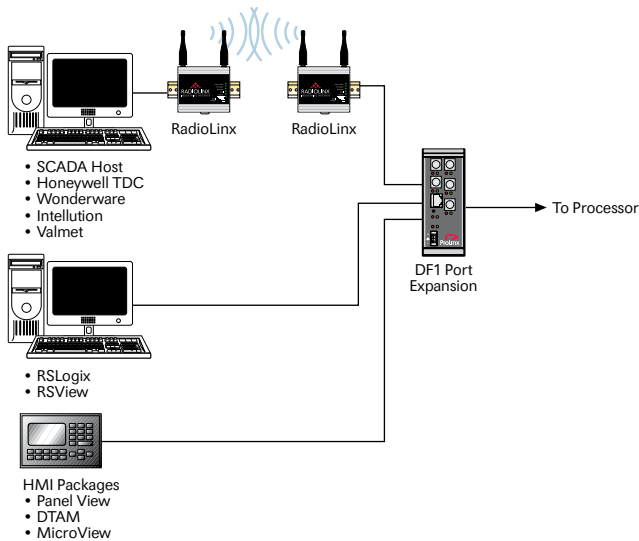
Stand-Alone Industrial Gateways

ProLinX Industrial Gateways provide connectivity between two network protocols with over 150 communication options. These stand-alone, DIN-rail mounted, industrial gateways offer communication solutions between Rockwell Automation, Schneider Electric, Siemens, Field Instrumentation, Ethernet and Serial networks.

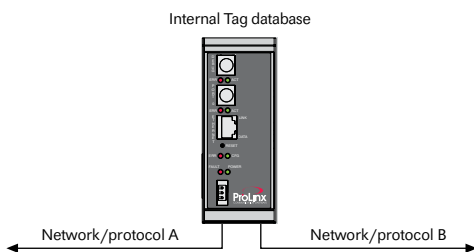
Protocol Gateways

As a Serial Port Expander

Serial Port Expander adds three additional slave ports for a DF1 or Modbus-based device. This allows users to connect programming software, HMI, and modems to processors simultaneously. Commands from the host devices are passed through the module and routed directly to the front port of the processor. This allows a processor's port to be expanded to allow communication with a variety of devices at the same time. Typical applications include local ladder configuration, local operator interface, and wireless concentrator for remote programming and data collection.



As a Gateway



- User selects desired network protocols (A & B)
- Gateway provides network communication between networks A & B
- Internal database is user-configurable (up to 4000 Registers on most units)
- Dual independent Read/Write scanners allow fast data transfer and/or data concentrator functionality
- Windows Configuration Utility (included) is used for quick configuration creation
- Typical application include connectivity to and from PLCs, end devices, flow, temperature, and DCS systems

ProLinx Communication Networks

ProLinx Communication Gateways support communication between the following networks:

- A-B Remote I/O
- ASCII
- DH-485
- DF1
- DNP 3.0
- DNP Ethernet
- EtherNet/IP
- HART multi-drop
- Honeywell DE
- IEC 60870-5-101
- IEC 60870-5-103
- IEC 60870-5-104
- Modbus
- Modbus Plus
- Modbus TCP/IP
- PROFIBUS DP

For a complete listing of ProLinx Communication Gateways go to www.prosoft-technology.com

ProSoft Technology®

Where Automation Connects

Global Distribution

We think like you do

ProSoft Technology® products are distributed and supported worldwide through a network of over 500 distributors in over 50 countries. Our knowledgeable distributors are familiar with your application needs. For a complete list of distributors, go to our website at www.prosoft-technology.com

Global Support

We are there for you

All ProSoft Technology products are backed with free, unlimited technical support. Contact our worldwide Technical Support team directly by phone or email.

Global Offices

We are where you are

ProSoft Technology has regional offices worldwide available to help you with all your industrial application needs. If you need help choosing a ProSoft Technology solution for your particular application check out our contact information under distributor sales on the website at www.prosoft-technology.com. Whether your application is large or small, our technical professionals are there to help you choose the right communication solution.

EtherNet/IP Client/Server

Connectivity options include: DF1, Modbus, DNP 3.0, DNP over Ethernet, DH-485, IEC 60870-5-101, 103, 104, ASCII, Modbus Plus, PROFIBUS DP, Allen-Bradley Remote I/O Adapter, Modbus TCP/IP, HART and Honeywell

Example Application: User requires communication from EtherNet/IP-based implementations to alternate networks.

Modbus TCP/IP Client/Server

Connectivity options include: DF1, Modbus, DNP 3.0, DNP over Ethernet, DH-485, EtherNet/IP, IEC 60870-5-101, 103, 104, ASCII, Modbus Plus, PROFIBUS DP, Allen-Bradley Remote I/O Adapter, HART and Honeywell

Example Application: User requires connection from alternate networks to a Quantum processor and/or SCADA Host supporting the Modbus TCP/IP protocol.

IEC 60870-5-104 Server

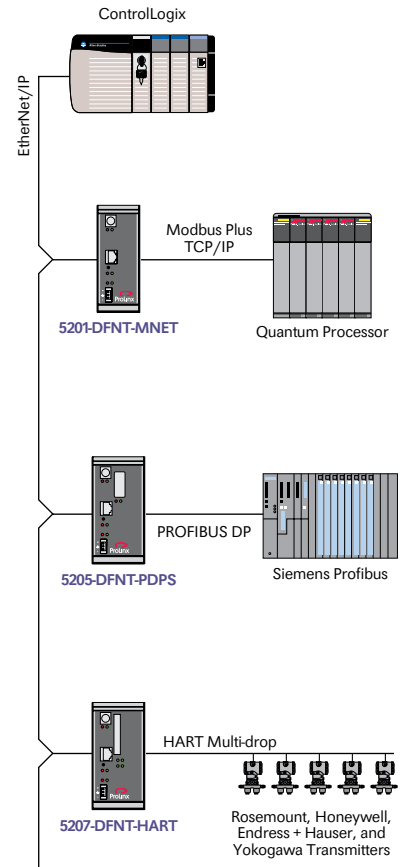
Connectivity options include: DF1, Modbus, DH-485, EtherNet/IP, Modbus TCP/IP, IEC 60870-5-103, ASCII, Modbus Plus, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

Example Application: User requires connectivity to other protocols on an IEC 60870-5-104 network.

DNP 3.0 Ethernet Server

Connectivity options include: DF1, Modbus, DH-485, EtherNet/IP, Modbus TCP/IP, IEC 60870-5-103, ASCII, Modbus Plus, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

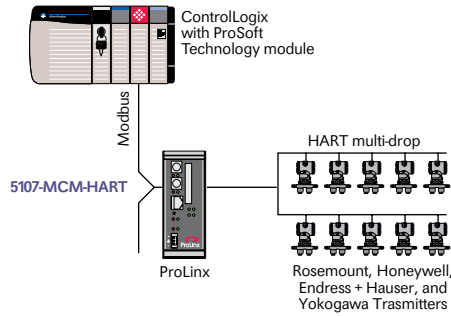
Example Application: User requires connectivity to other protocols on DNP ethernet network.



HART Multi-drop

Connectivity options include: DF1, Modbus, DH-485, Modbus Plus, PROFIBUS DP, EtherNet/IP, Modbus TCP/IP, and Allen-Bradley Remote I/O Adapter

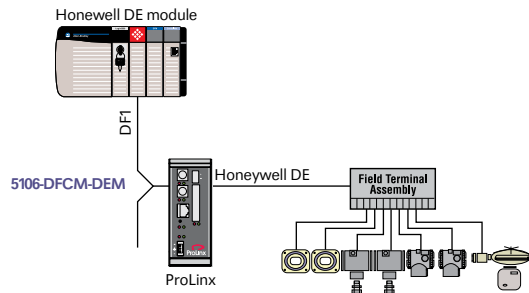
Example Application: User requires connectivity for four or eight channels of multi-drop HART communications with other networks. Support for up to 15 instruments per channel, allowing access to digital configuration, diagnostics, and maintenance information.



Honeywell DE Master

Connectivity options include: DF1, Modbus, DH-485, EtherNet/IP, Modbus TCP/IP, Modbus Plus, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

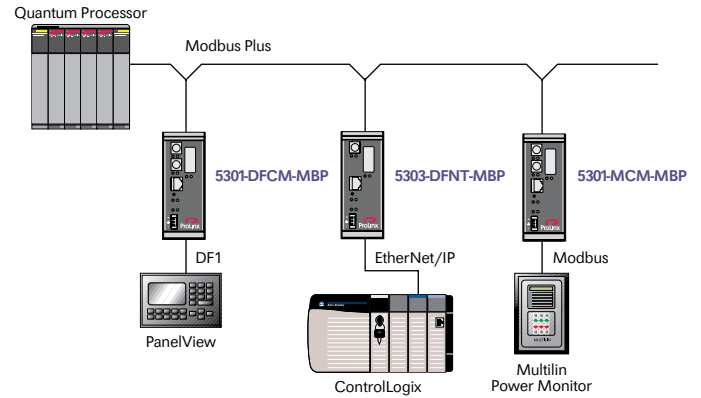
Example Application: User requires communication for up to eight channels of Honeywell DE Smart Transmitter instruments including pressure, temperature and multi-variable units to other networks. Interface allows access to large amounts of data from the instrument, configuration of important range and alarm limit values, process variable, diagnostic, and maintenance information.



Modbus Plus

Connectivity options include: DF1, Modbus, DH-485, DNP 3.0, DNP over Ethernet, ASCII, EtherNet/IP, Modbus TCP/IP, PROFIBUS DP, IEC 60870-5-101, 103, 104, HART, Honeywell DE, and Remote I/O Adapter

Example Application: User requires connectivity for the Modbus Plus protocol to alternate networks. Read/Write data with Modbus Plus end devices and present the data to connecting networks as adapters.



PROFIBUS DP Master

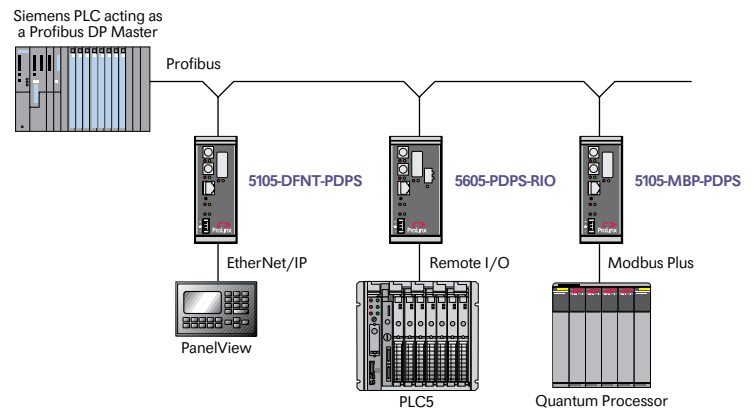
Connectivity options include: DF1, Modbus, DH-485, DNP 3.0, DNP over Ethernet, EtherNet/IP, Modbus TCP/IP, Modbus Plus, IEC 60870-5-101, 104, and Allen-Bradley Remote I/O Adapter

Example Application: User requires connectivity for a network of PROFIBUS Slave devices to other host networks.

PROFIBUS DP Slave

Connectivity options include: DF1, Modbus, DH-485, DNP 3.0, DNP over Ethernet, EtherNet/IP, ASCII, Modbus TCP/IP, Modbus Plus, HART, Honeywell DE, IEC 60870-5-101, 103, 104, and Allen-Bradley Remote I/O Adapter

Example Application: User requires communication as a PROFIBUS DP Slave to other networks.



Allen-Bradley Remote I/O Adapter

Connectivity options include: DF1, Modbus, DH-485, DNP 3.0, DNP over Ethernet, EtherNet/IP, ASCII, Modbus TCP/IP, Modbus Plus, HART, Honeywell DE, IEC 60870-5-101, 103, 104, and PROFIBUS DP

Example Application: User requires Remote I/O legacy systems to easily communicate with the outside world. Support for high-speed data transfer via I/O images, as well as standard block transfer commands. Acts as a Remote I/O Adapter.

Serial Gateways

DH-485 Communication

Connectivity options include: DF1, Modbus, EtherNet/IP, IEC 60870-5-101, 103, 104, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

Example Application: User requires connectivity between Rockwell Automation's DH-485 protocol-based devices including A-B PLCs and SLCs to other networks.

Modbus Master/Slave

Connectivity options include: DF1, DNP 3.0, DH-485, DNP over Ethernet, ASCII, EtherNet/IP, Modbus TCP/IP, IEC 60870-5-101, 103, 104, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

Example Application: User requires an interface between Modbus devices to other networks.

DF1 Master/Slave

Connectivity options include: Modbus, DH-485, DNP 3.0, DNP over Ethernet, ASCII, EtherNet/IP, Modbus TCP/IP, IEC 60870-5-101, 103, 104, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

Example Application: User requires connectivity between Rockwell Automation's DF1 protocol-based devices to other networks. Support for DF1 Full and Half Duplex versions of the protocol.

ASCII Communication

Connectivity options include: DF1, Modbus, DH-485, EtherNet/IP, Modbus TCP/IP, Modbus Plus, PROFIBUS DP, and Allen-Bradley Remote I/O Adapter

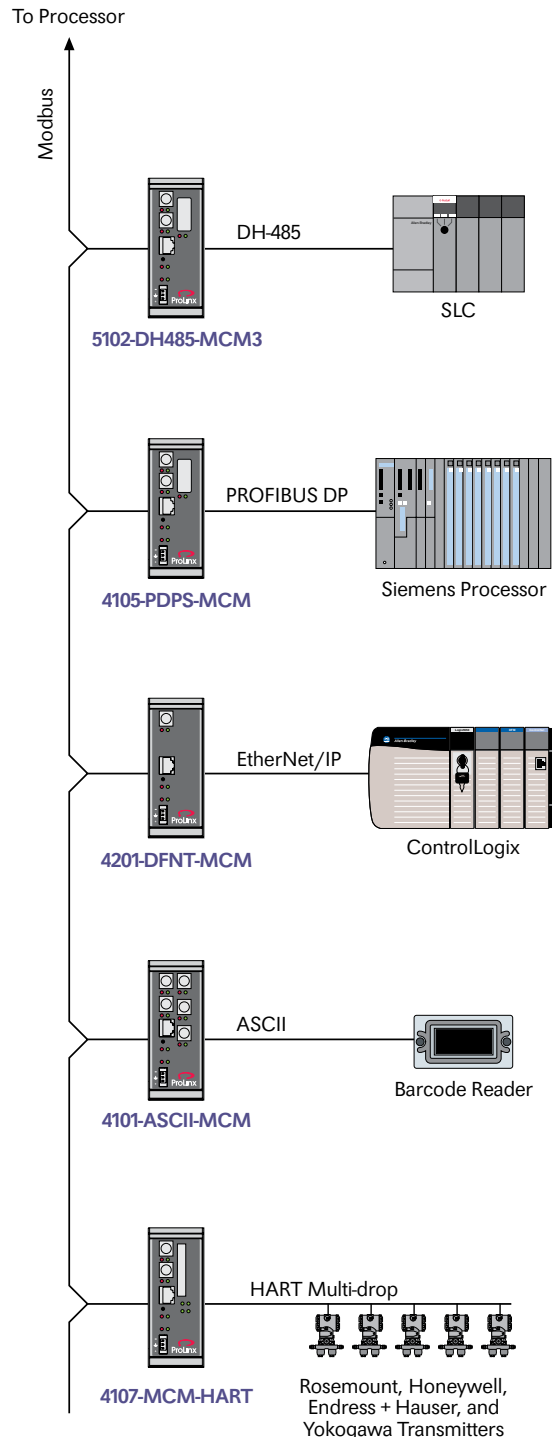
Example Application: User requires an interface between ASCII devices including barcode scanners, weigh scales, printers and terminals and other networks.

DNP 3.0 Master/Slave

IEC solutions also available, see product chart insert.

Connectivity options include: DF1, Modbus, DH-485, EtherNet/IP, Modbus TCP/IP, Modbus Plus, PROFIBUS DP, IEC 60870-5-104, and Allen-Bradley Remote I/O Adapter

Example Application: User requires connectivity to SCADA Masters or to field devices communicating via DNP 3.0.



	Specialty Protocol Protocols				'C' Programmable over Ethernet	Ethernet Protocol Protocols				Field Instrumentation Protocols			
	PROFIBUS DP Master	PROFIBUS DP Slave	A-B Remote I/O	Modbus Plus		DNP over Ethernet	EtherNet/IP	IEC 60870-5-104 Server	Modbus TCP/IP	HART Multi-drop (4 channels)	HART Multi-drop (8 channels)	Honeywell DE Master (8 channels)	Honeywell DE Master (16 channels)
Serial Protocols													
ASCII		5105-ASCII-PDPS	5601-RIO-ASCII 5602-RIO-ASCII4	5301-MBP-ASCII 5302-MBP-ASCII4			5201-DFNT-ASCII 5202-DFNT-ASCII4		5201-MNET-ASCII 5202-MNET-ASCII4				
Bosch							5201-DFNT-BSCH 5202-DFNT-BSCH4		5201-MNET-BSCH 5202-MNET-BSCH4				
Command Language Master							5201-DFNT-CLVM 5202-DFNT-CLVM4						
'C' Programmable													
DF1 Master/Slave	5104-DFCM-PDPM	5105-DFCM-PDPS	5601-RIO-DFCM 5602-RIO-DFCM4	5301-MBP-DFCM 5302-MBP-DFCM4		5201-DNPSNET-DFCM 5202-DNPSNET-DFCM4	5201-DFNT-DFCM 5202-DFNT-DFCM4	5201-104S-DFCM 5202-104S-DFCM4	5201-MNET-DFCM 5202-MNET-DFCM4	5107-DFCM-HART	5127-DFCM-HART	5106-DFCM-DEM	5126-DFCM-DEM2
DH-485	5104-DH485-PDPM	5105-DH485-PDPS	5601-RIO-DH485	5301-MBP-DH485		5201-DNPSNET-DH485	5201-DFNT-DH485	5201-104S-DH485	5201-DH485-MNET	5107-DH485-HART	5127-DH485-HART2	5106-DH485-DEM	5126-DH485-DEM2
DNP 3.0 Slave	5104-DNPS-PDPM	5105-DNPS-PDPS	5601-RIO-DNPS	5301-MBP-DNPS			5201-DFNT-DNPS		5201-MNET-PDPS				
DNP 3.0 Master		5105-DNPM-PDPS	5601-RIO-DNPM	5301-MBP-DNPM			5201-DFNT-DNPM		5201-MNET-DNPM				
Gareco							5201-DFNT-GRCM 5202-DFNT-GRCM4						
IEC 60870-5-101 Slave	5104-101S-PDPM	5105-101S-PDPS	5601-RIO-101S	5301-MBP-101S			5201-DFNT-101S		5201-MNET-101S				
IEC 60870-5-103 Master	5104-103M-PDPM	5105-103M-PDPS	5601-RIO-103M	5301-MBP-103M		5201-DNPSNET-103M	5201-DFNT-103M	5201-104S-103M	5201-MNET-103M				
Modbus Master/Slave	5104-MCM-PDPM	5105-MCM-PDPS	5601-RIO-MCM 5602-RIO-MCM4	5301-MBP-MCM 5302-MBP-MCM4		5201-DNPSNET-MCM 5202-DNPSNET-MCM4	5201-DFNT-MCM 5202-DFNT-MCM4	5201-104S-MCM 5202-104S-MCM4	5201-MNET-MCM 5202-MNET-MCM4	5107-MCM-HART	5127-MCM-HART2	5106-MCM-DEM	5126-MCM-DEM2
Speciality Protocols													
Modbus Plus	5304-MBP-PDPM	5305-MBP-PDPS	5310-RIO-MBP			5303-MBP-DNPSNET	5303-MBP-DFNT	5303-MBP-104S	5303-MBP-MNET	5307-MBP-HART		5306-MBP-DEM	
PROFIBUS DP Master			5604-RIO-PDPM	5304-MBP-PDPM		5204-DNPSNET-PDPM	5204-DFNT-PDPM	5204-104S-PDPM	5204-MNET-PDPM	5704-PDPM-HART			
PROFIBUS DP Slave			5605-RIO-PDPS	5305-MBP-PDPS		5205-DNPSNET-PDPS	5205-DFNT-PDPS	5205-104S-PDPS	5205-MNET-PDPS	5507-PDPS-HART		5506-PDPS-DEM	
Remote I/O	5604-RIO-PDPM	5605-RIO-PDPS		5310-MBP-RIO		5210-DNPSNET-RIO	5210-DFNT-RIO	5210-104S-RIO	5210-MNET-RIO	5607-RIO-HART		5606-RIO-DEM	
Ethernet Protocols													
'C' Programmable over Ethernet						5201-ADMNET 5202-ADMNET4							
DNP over Ethernet	5204-DNPSNET-PDPM	5205-DNPSNET-PDPS	5210-DNPSNET-RIO	5303-MBP-DNPSNET			5201-DFNT-DNPSNET		5201-MNET-DNPSNET				
EtherNet/IP	5204-DFNT-PDPM	5205-DFNT-PDPS	5210-DFNT-RIO	5303-MBP-DFNT			5201-DFNT-DNPSNET		5201-MNET-DFNT	5207-DFNT-HART		5206-DFNT-DEM	
IEC 60870-5-104 Server	5204-104S-PDPM	5205-104S-PDPS	5210-104S-RIO	5303-MBP-104S			5201-DFNT-104S		5201-MNET-104S				
Modbus TCP/IP	5204-MNET-PDPM	5205-MNET-PDPS	5210-MNET-RIO	5303-MBP-MNET			5201-MNET-DNPSNET	5201-MNET-DFNT	5201-MNET-104S	5207-MNET-HART		5206-MNET-DEM	
Field Instrumentation Protocols													
HART Multi-drop (4 channels)		5507-PDPS-HART	5607-RIO-HART	5307-MBP-HART			5207-DFNT-HART		5207-MNET-HART				
HART Multi-drop (8 channels)													
Honeywell DE Master (8 channels)		5506-PDPS-DEM	5606-RIO-DEM	5306-MBP-DEM			5206-DFNT-DEM		5206-MNET-DEM				
Honeywell DE Master (16 channels)													



3 easy steps to find your solution

- 1) Find your specific network protocol from the top row of the chart.
- 2) Follow that column down until it intersects with the required application protocol you wish to connect to.
- 3) For pricing, distributor location or additional product information, datasheets and user manuals, please visit www.prosoft-technology.com.

	Serial Protocols											Modbus Master/Slave
	ASCII	Bosch	CLV	'C' Programmable	DF1 Master/Slave	DH-485	DNP 3.0 Slave	DNP 3.0 Master	Gareco	IEC 60870-5-101 Slave	IEC 60870-5-103 Master	
Serial Protocols												
ASCII					5102-DFCM-ASCII3	5102-DH485-ASCII3						5102-MCM-ASCII3
Bosch												
Command Language Master												
'C' Programmable				5102-ADM4								5102-MCM4-ADM4
DF1 Master/Slave	5102-DFCM-ASCII3				5102-DFS3-DFM	5102-DH485-DFCM3	5102-DNPS-DFCM3	5102-DNPM-DFCM 5102-DNPM-DFCM3		5102-DFCM3-101S	5102-DFCM-103M	5102-MCM4-DFCM4
DH-485	5102-DH485-ASCII3				5102-DH485-DFCM3		5102-DH485-DNPS			5102-DH485-101S	5102-DH485-103M	5102-DH485-MCM3
DNP 3.0 Slave							5102-DH485-DNPS					5102-DNPS-MCM3
DNP 3.0 Master					5102-DNPM-DFCM3	5102-DH485-DNPM						5102-DNPM-MCM3
Gareco												
IEC 60870-5-101 Slave					5102-DFCM3-101S	5102-DH485-101S						5102-MCM3-101S
IEC 60870-5-103 Master					5102-DFCM-103M	5102-DH485-103M						5102-MCM3-103M
Modbus Master/Slave	5102-MCM-ASCII3			5102-MCM4-ADM4	5102-MCM4-DFCM4	5102-DH485-MCM3	5102-DNPS-MCM3	5102-DNPM-MCM3		5102-MCM3-101S	5102-MCM-103M	5102-MBS3-MBM
Speciality Protocols												
Modbus Plus	5301-MBP-ASCII 5302-MBP-ASCII4				5301-MBP-DFCM 5302-MBP-DFCM4	5301-MBP-DH485	5301-MBP-DNPS	5301-MBP-DNPM		5301-MBP-101S	5301-MBP-103M	5301-MBP-MCM 5302-MBP-MCM4
PROFIBUS DP Master					5104-DFCM-PDPM	5104-DH485-PDPM	5104-DNPS-PDPM	5105-DNPM-PDPM		5104-101S-PDPM	5104-103M-PDPM	5104-MCM-PDPM
PROFIBUS DP Slave	5105-ASCII-PDPS				5105-DFCM-PDPS	5105-DH485-PDPS	5105-DNPS-PDPS	5105-DNPM-PDPS		5105-101S-PDPS	5105-103M-PDPS	5105-MCM-PDPS
Remote I/O	5601-RIO-ASCII 5602-RIO-ASCII4				5601-RIO-DFCM 5602-RIO-DFCM4	5601-RIO-DH485	5601-RIO-DNPS	5601-RIO-DNPM		5601-RIO-101S	5601-RIO-103M	5601-RIO-MCM 5602-RIO-MCM4
Ethernet Protocols												
'C' Programmable over Ethernet												5201-ADMNET-MCM 5202-ADMNET4-MCM4
DNP over Ethernet					5201-DNPSNET-DFCM 5202-DNPSNET-DFCM4	5201-DH485-DNPSNET					5201-DNPSNET-103M	5201-DNPSNET-MCM 5202-DNPSNET-MCM4
EtherNet/IP	5201-DFNT-ASCII 5202-DFNT-ASCII4	5201-DFNT-BSCH 5202-DFNT-BSCH4	5201-DFNT-CLVM 5202-DFNT-CLVM4		5201-DFNT-DFCM 5202-DFNT-DFCM4	5201-DFNT-DH485	5201-DFNT-DNPS	5201-DFNT-DNPM	5201-DFNT-GRCM 5202-DFNT-GRCM4	5201-DFNT-101S	5201-DFNT-103M	5201-DFNT-MCM 5202-DFNT-MCM4
IEC 60870-5-104 Server					5201-104S-DFCM 5202-104S-DFCM4	5201-104S-DH485		5201-104S-DNPM			5201-104S-103M	5201-104S-MCM 5202-104S-MCM4
Modbus TCP/IP	5201-MNET-ASCII 5202-MNET-ASCII4	5201-MNET-BSCH 5202-MNET-BSCH4			5201-MNET-DFCM 5202-MNET-DFCM4	5201-DH485-MNET	5201-MNET-DNPS	5201-MNET-DNPM		5201-MNET-101S	5201-MNET-103M	5201-MNET-MCM 5202-MNET-MCM4
Field Instrumentation Protocols												
HART Multi-drop (4 channels)					5107-DFCM-HART	5107-DH485-HART						5107-MCM-HART
HART Multi-drop (8 channels)					5127-DFCM-HART	5127-DH485-HART2						5127-MCM-HART2
Honeywell DE Master (8 channels)					5106-DFCM-DEM	5106-DH485-DEM						5106-MCM-DEM
Honeywell DE Master (16 channels)					5126-DFCM-DEM2	5126-DH485-DEM2						5126-MCM-DEM2



Wireless Gateways with ProSoft Wireless Protocol	
PROFIBUS DP Master	6104-WA-PDPM
PROFIBUS DP Slave	6105-WA-PDPS
EtherNet/IP	6202-WA-DFNT-DFCM
DF1	6202-WA-DFNT-DFCM
HART Multi-drop	6207-WA-HART 6227-WA-HART
Modbus	6102-WA-MCM



Application Server	
AppSrvCE with 1769 conn, 'C' program, 500 OSIsoft PI-only Tags	7000-ADM*
AppSrvCE with 1769 conn, 'C' program, Serial CAM 5prt, 500 OSIsoft PI-only Tags	7005-ADM*
AppSrvCE with 1769 conn, 'C' Program, 500 Historian Tags	7000-HST5*
AppSrvCE with 1769 conn, SERIAL cam 5 PRT, 'C' Program, 500 Historian Tags	7005-HST5*

*Available with 256m, 512m, 2G or 4G Compact Flash, 128m or 256m RAM upgrade.



High-Speed Wireless Gateways

ProSoft Technology's High-Speed Wireless Gateways provide ultra-fast, secure and reliable wireless solutions ideal for users who need both a wireless infrastructure and wired control network connectivity. ProSoft's wireless gateways allow users to monitor and obtain diagnostics from remote or difficult to wire devices and connect various field devices using different networks or protocols and share data "over the air."

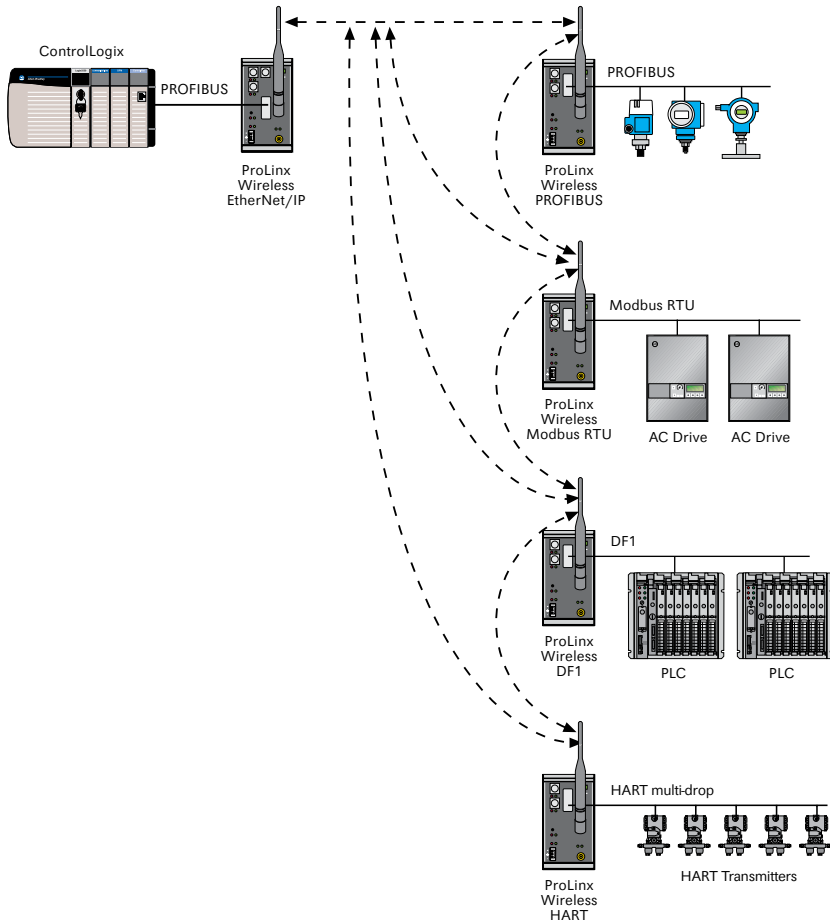
Solutions available:

Wireless Modbus Gateway (6102-WA-MCM)

Wireless HART Gateway (6207-WA-HART)

Wireless PROFIBUS Master Gateway (6104-WA-PDPM)

Wireless DF1 Master/Slave Gateway (6102-WA-DFCM)



High-Speed Wireless Gateways

The ProLinx 6000 series of wireless products provide users more flexibility than ever before in wireless solutions. Users can connect various field devices using different networks or protocols and share data between these devices "over-the-air." This is accomplished by exchanging shared common database information wirelessly with ProSoft Technology's efficient but powerful wireless protocol, PWP.



PROFIBUS DP Master

6104-WA-PDPM

- Configured as a Class 1 PROFIBUS DP Master to interface with and control your PROFIBUS DP slave devices
- Provides access to both standard and extended diagnostic information and provides freeze/sync capability
- Configuration of the PROFIBUS network is accomplished using the ProLinx SyCon Configuration software
- Supports Master implementations of the protocol on either a Mono-Master or Multi-Master network

PROFIBUS DP Slave

6105-WA-PDPS

- Configured to interface with your DP master
- Provides up to 244 bytes of read and up to 244 bytes write cyclic data (400 byte maximum read and write)
- Provides common and extended diagnostic information and other important module status information
- Supports the PROFIBUS V0 Slave implementation protocol, providing powerful data transfer capability between the ProLinx module and Siemens PLCs or other hosts
- User configurable data mapping and DP port operation make the interface an easy to use and powerful data transfer tool



HART Multi-drop

6207-WA-HART (4 HART channels)

6227-WA-HART (8 HART channels)

- Available in 4 and 8 channel implementations
- Can be configured on an individual channel basis to operate as a HART Master Station
- Supports all available HART commands including Universal, Common Practice and Device Specific Commands
- Communicate in multidrop mode with up to 15 HART devices per channel
- Supports the existence of a second Master



DF1 Master/Slave

6201-WA-DFCM

- Full/Half Duplex
- Fully-configurable Master port supports up to 100 commands
- User-configurable polling of commands, including disabled, continuous, and on change of data



Modbus Master/Slave

6201-WA-MCM

- Supports both Master and Slave implementations
- Serial ports can be individually configured to support the Modbus protocol (Master or Slave, RTU or ASCII, Baud rate, etc).
- Up to 100 commands

High-Speed Wireless Gateways



Modbus TCP/IP 6201-WA-MNET

- Supports Client and Server connections
- Supports Unicast, Broadcast and Multicast group messaging



ASCII 6201-WA-ASCII

- Each port is configurable to send and/or receive ASCII strings
- Integrates ASCII generic serial devices into a network



IEC 60870-5-104 6201-WA-104S

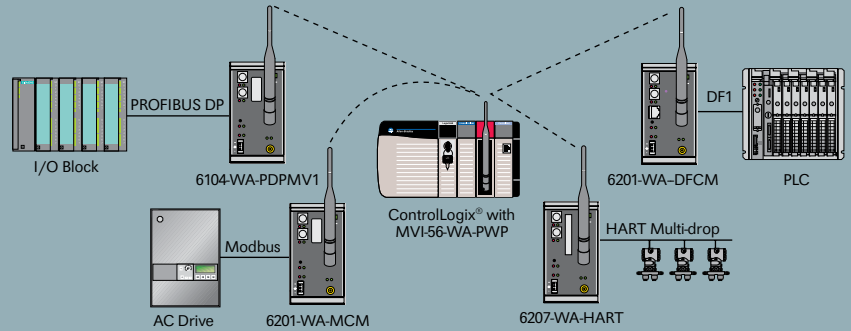
- Accepts commands from Master and generates unsolicited messages

What Can ProSoft's Wireless Protocol Do For You?

Provide cost-saving wireless links to industrial devices regardless of communications protocols.

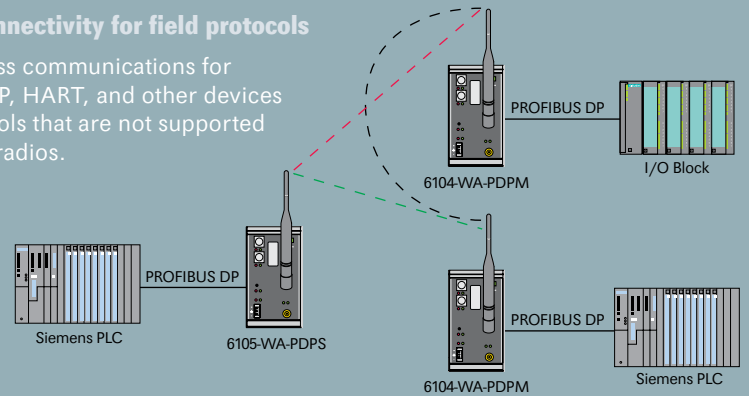
Connect your EtherNet/IP network to and devices regardless of protocol

Connect devices using many protocols to a common protocol, such as EtherNet/IP or Modbus TCP/IP.



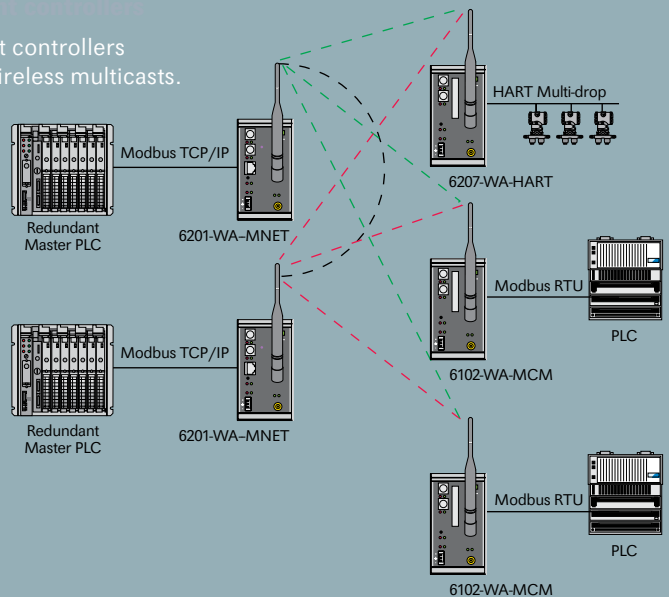
Wireless connectivity for field protocols

Allow wireless communications for PROFIBUS DP, HART, and other devices using protocols that are not supported by standard radios.



Support redundant controllers

Support redundant controllers through flexible wireless multicasts.



Proven Connectivity Solutions with ProSoft Tested

Application Story

Pulp and Paper Company Cuts Energy Costs using Data Historian



With the cost of energy tripling over the past few years, Cascades, Inc. needed to find a better way to track their mills' energy usage. With the help of the high-speed, real-time data collection available through ProSoft Technology's Data Historian module, Cascades has found a way to improve accuracy in reporting and identify where mills can make the best use of their energy to reduce costs.

"A big, big portion of our production costs is energy," said Francois Ruel, Automation Project Manager for Cascades, Inc. "And, the cost of energy is always moving up."

The data collection capabilities of the Data Historian have allowed Cascades to collect and process data from areas they couldn't get to before. The heart of the Data Historian is ECHO (Embedded Component Historian Object), a product of OSIsoft. The Data Historian collects the data at the machine level and then immediately makes it available to their entire enterprise.

"By making use of the data collected by the Data Historian on one machine in one mill, we were able to save \$20,000 on energy costs in one month alone," said Ruel.

The original test site in their mill located in Kingsley Falls, Quebec, was such a success they plan to expand into 30-40 other mills globally.

"Now we generate reports that help us track performance daily and are well on our way to achieving our goal of 2% reduction in energy usage annually," said Ruel.

ProSoft Tested

In order to assure confidence and success with the use of our products, ProSoft Technology has implemented the ProSoft Tested Program. We will conduct extensive testing on any device to assure compatibility with ProSoft Technology products. This free testing includes:

- Proven Connections Documentation
- Simulation of field applications
- Detailed test reports
- All protocol commands tested
- All accessory requirements listed
- Various configurations tested
- All reports available on the Website

Know with confidence that your application will work. The listing below is a partial list of products that are known to be ProSoft Technology compatible. For a complete list go to www.prosoft-technology.com. If you would like your application tested, simply contact ProSoft Technology and ask for the ProSoft Tested Program. We'll arrange for your product to be tested at no charge to you.

- Bar Code Scanners
- Chart Recorders
- Drives
- Flow Devices
- Level Interfaces
- Loop Controllers
- PLC Manufacturers
- Power Devices
- Temperature Controllers
- Valves



Application Servers

Application Server CE

The AppSrvCE is the ideal solution for applications requiring custom 'C' programming, emissions monitoring and pharmaceutical manufacturing, or remote applications like utility RTU's, compressor monitoring and facilities monitoring.

Example Application: User requires high-speed, time series data collection from 2 or more networks

Solution: 7000-ADM* AppSrvCE with 1769 conn, 'C' Programmable, 500 OSISoft PI-only Tags

7005-ADM* AppSrvCE with 1769 conn, Serial CAM 5prt, 'C' Programmable, 500 OSISoft PI-only Tags

- Functions like a stand-alone gateway, supporting up to 6 serial ports with a library of protocols, and 2 Ethernet ports/protocols
- Standard protocols include (Master and Slave) Modbus RTU, ASCII and Modbus TCP/IP with more protocols coming soon
- Other serial protocols such as PROFIBUS DP can be added using ProSoft Technology's MVI69 modules for CompactLogix
- Data can be passed from any port/protocol to any other port/protocol
- More cost effective than multiple, single-use devices
- Remotely configurable/ upgradeable
- Support for legacy protocol devices
- High speed time series data collection
- Data stored locally on device; no need for fulltime network connection
- Very small footprint

Application Server Data Historian

- Up to 500 data points can be added to the built-in data historian using ECHO (Embedded Component Historian Object) by OSISoft
- Configuration and programming of the App Server is accomplished using the EZ Design Studio software, available separately

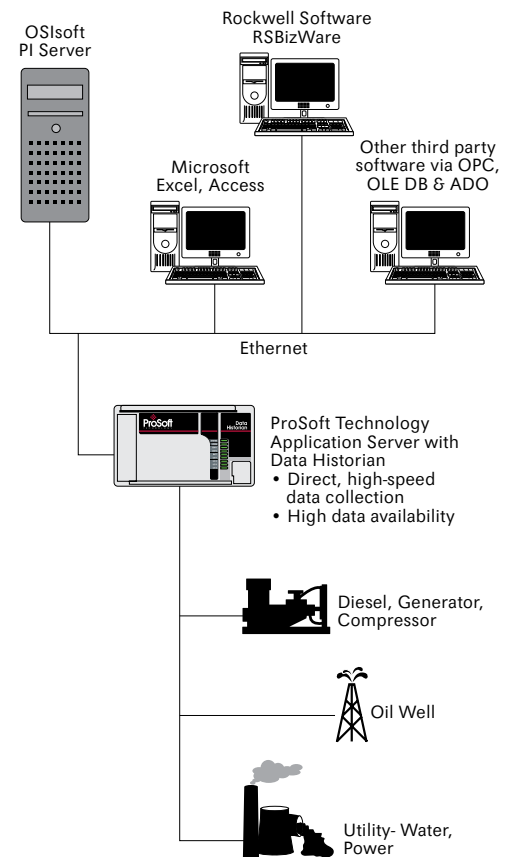
Example Application: User requires predictive maintenance, asset management, error analysis, or process optimization.

Solution: 7000-HST5* AppSrvCE with 1769 conn, 'C' Programmable, 500 Historian Tags

7005-HST5* AppSrvCE with 1769 conn, Serial CAM 5prt, 'C' Programmable, 500 Historian Tags

EZ Design Studio

Customers who are looking at deploying multiple protocols at the same time including their own custom protocols can customize their application with EZ Studio. EZ Studio provides protocol interfaces and historian capability in a configurable gateway with the ability to add logic and custom software. Programming in EZ Studio is accomplished using Ladder Logic, Structured Text, Instruction List, Sequential Function Chart, Function Block Diagram or 'C'.



*Available with 256m, 512m, 2G or 4G Compact Flash, 128m or 256m RAM upgrade.



Where Automation Connects.



About ProSoft Technology

ProSoft Technology, Inc. specializes in the development of communication solutions compatible with supplier's controllers such as Rockwell Automation and Schneider Electric. The primary focus is to provide connectivity solutions that link dissimilar automation products. ProSoft Technology's offerings consist of four primary product families: Protocol and network connectivity modules known as **inRAx** for Rockwell Automation and **ProTalk** for Schneider Electric, stand-alone gateways, protocol interfaces, and wireless gateways known as **ProLinX**, and industrial serial and Ethernet wireless modules known as **RadioLinX**.

Over the last 20 years, ProSoft Technology's product lines have grown to over 400 communication modules supporting more than 60 different protocols. ProSoft Technology provides field-proven connectivity and communication solutions that bridge between various automation products as seamlessly as if they were all from the same supplier. These connectivity options enable controller platforms to provide solutions in areas such as computing gas flow calculations and SCADA telemetry applications. These solutions also enable interfacing to motor controls, drives and other devices in industries such as water/wastewater, power generation, oil & gas, machinery, packaging, and production.

ProSoft Technology is committed to providing localized sales and support to customers worldwide. Sales, product engineering and support services are provided internationally by over 500 distributors in 52 countries and served by Regional Area Offices in North America, Latin America, Europe and Asia Pacific.

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