

FS-8705-57 – Protec Driver

DATASHEET – Rev 1

DESCRIPTION

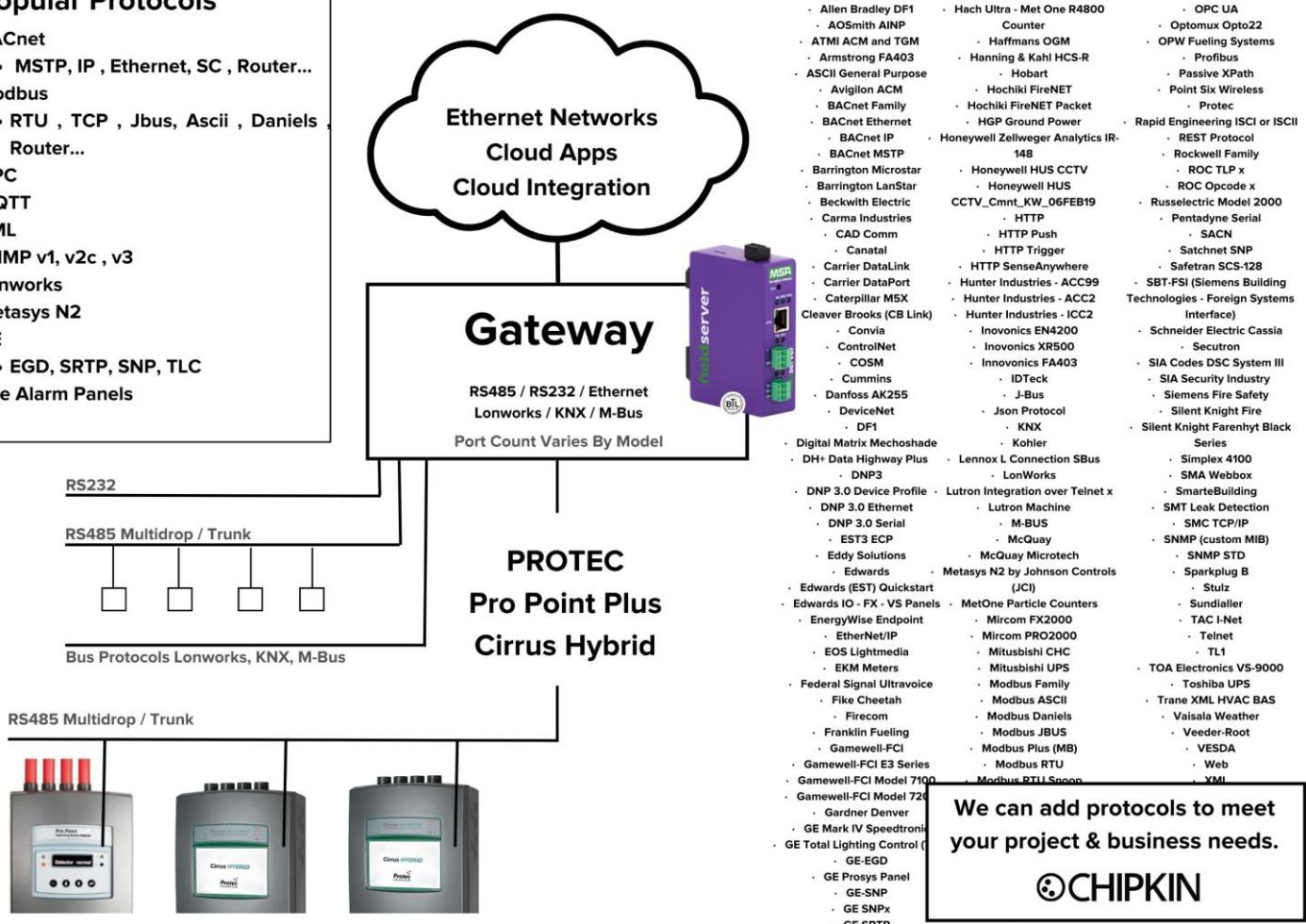
For application with **Protec's Cirrus Hybrid and Propoint Plus panels**. This RS485 Driver can receive unsolicited fire and fault events, poll for data, execute commands like 'Silence'

This Driver Supports Auto-Configuration

Connect and Restart and then the FieldServer will monitor discovered detectors and make the data available to other protocols like MODBUS, BACNET, OPC, MQTT, SNMP etc.

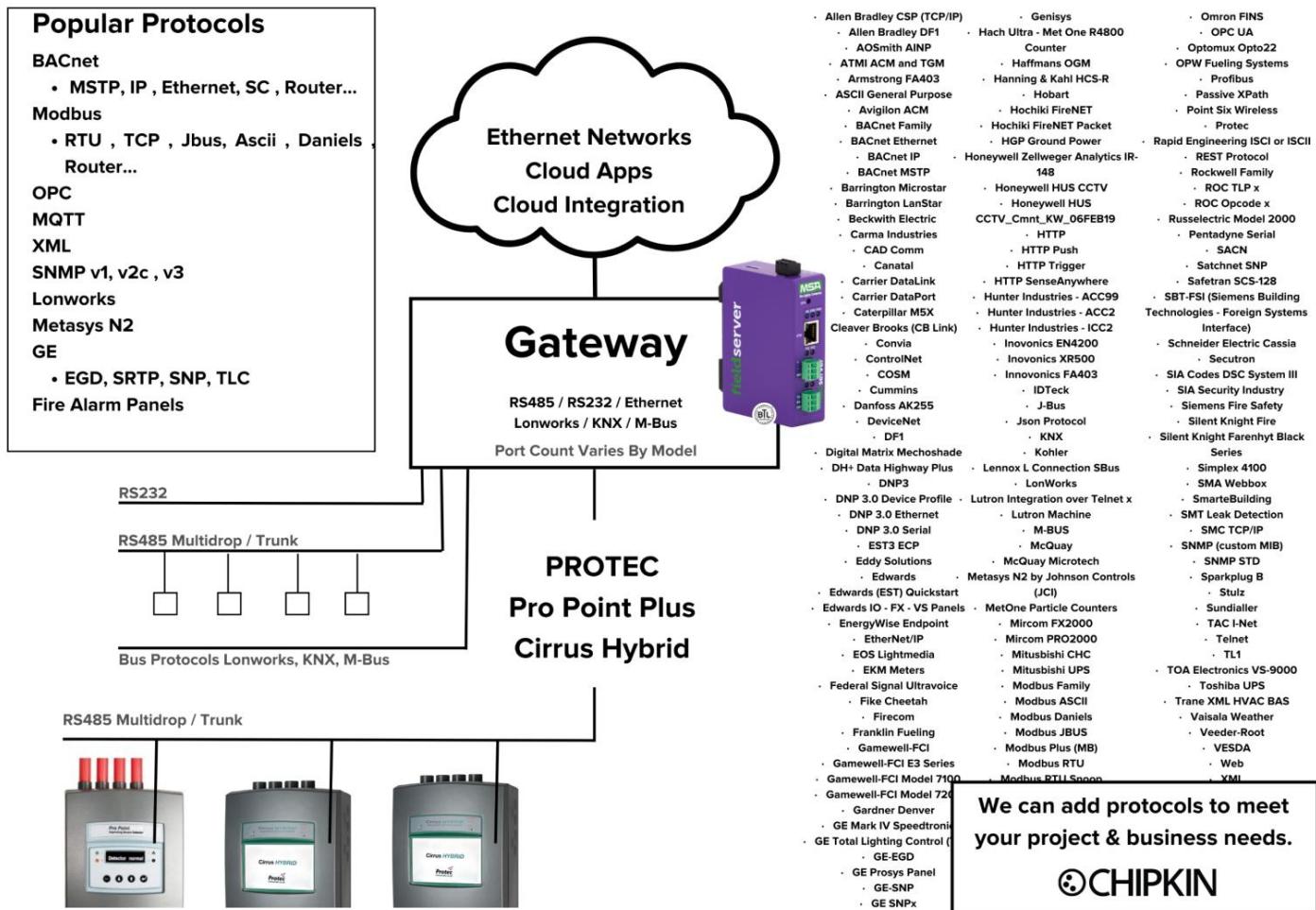


Popular Protocols	
BACnet	<ul style="list-style-type: none"> MSTP, IP, Ethernet, SC, Router...
Modbus	<ul style="list-style-type: none"> RTU, TCP, Jbus, Ascii, Daniels, Router...
OPC	
MQTT	
XML	
SNMP v1, v2c, v3	
Lonworks	
Metasys N2	
GE	<ul style="list-style-type: none"> EGD, SRTP, SNP, TLC
Fire Alarm Panels	



CONNECTION CONFIGURATIONS

Multiple upstream protocols and connection supported. See list of FieldServer Drivers.



DRIVER FUNCTIONALITY

This driver is for application with Protec's **Cirrus Hybrid** and **Protec Propoint Plus**

The Driver can read and write data, change settings and issue commands to the Protec panels. The driver receives fault data and fire data when sent by a panel. This means this particular data is updated as soon as the event occurs. A single gateway can connect to multiple Protec panels on a RS485 bus using this driver. Each FieldServer gateway has 2x RS485 ports and thus two trunks of Protec panels can be monitored by one FieldServer Gateway.

The data that is read will be cached for serving via a 2nd protocol such as DNP3 to Cimplicity or Modbus / BACnet for a building management system. Any of the over 140 protocols in the gateway library may be connected to the Hunter Driver.

The gateway requires minimal configuration and has an **auto discovery** process and therefore can be considered a plug and play component of a system, in that it is ready to operate out of the box with the default configuration.

A rudimentary web page is provided for testing.



CONNECTION INFORMATION

CONNECTION TYPE:	RS485
Hardware Interface:	
Multidrop Capability:	Only one gateway per trunk of detectors

DEVICES TESTED

DEVICE	TESTED (FACTORY, SITE)
Protec Cirrus Hybrid and Propoint Plus	Chipkin Lab – tested with one of each panel.

CONNECTION FACTS

FIELDSERVER MODE	NODES	COMMENTS
Client	Many	The FieldServer will be able to poll multiple SMA Web Boxes
Server	0	Not supported or documented.

FORMAL DRIVER TYPE

Ethernet

Client

COMPATIBILITY

FIELDSERVER MODEL	COMPATIBLE
FS-QS-2XX0	Yes
FS-QS-3XX0	Yes
FS-QS-1X11	Yes

CUSTOMER SUPPORT

Protec Driver for FieldServer was developed by Chipkin, and we are proud to provide support for our products. For technical support, sales and customer service, please call us at 1 (866) 383-1657.

Thanks for choosing Chipkin's products and integration services to meet your building and industrial automation requirements!

Chipkin™ is a building and industrial automation protocol expert. We develop, configure, install and support gateways (protocol converters), data loggers and remote monitor and controlling applications. Founded in October 2000, Chipkin provides expert solutions for converting BACnet®, Modbus®, and LonWorks®—to name just a few—and enabling interfaces for HVAC, fire, siren, intercom, lighting, transportation, and fuel systems. The high-quality products we offer (including those from other vendors) interface with Simplex™, Notifier™, McQuay™, GE™ and many others—so you can rest assured that we will select the most appropriate solution for your application.

With Chipkin you are buying a solution. Our configuration expertise in this field combined with free BACnet and other tools ensure your success; and our customer support via phone, email and remote desktop tools means that we are there when you need us. Chipkin is a small responsive company, and we live or die by the quality of our service—and with offices in two time zones—we can provide support when you need it. Give us a call now!

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Toll Free: +1 866 383 1657

Email: salesgroup1@chipkin.com

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REVISION HISTORY

This table summarizes the update history for this protocol data sheet. Please contact Chipkin by phone or email for an updated version of this document.

DATE	RESP.	DOCUMENT REVISION	COMMENTS
2024Jun27	PMC	0	For Protec review
2024Jul07	PMC	1	For release