FS-8705-50 – Protec Driver

DATASHEET – Rev 1

DESCRIPTION

The serial driver can be a part of an RS485 trunk that reads data from Propoint panels
polls for rectifier, weather and other data from **Protec Cirrus Hybrid** and **Propoint Plus** panels.

Driver can receive unsolicited fire and fault events, poll for data, execute commands like 'Silence' The driver has an Auto Discovery process and can be implemented easily.

FS-QS-2XX0

FS-QS-3XX0

FS-QS-1X11

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

FS-8705-57 – Protec

CONNECTION INFORMATION

Connection Type: RS485
Hardware Interface:
Multidrop Capability: Only one gateway per trunk

DEVICES TESTED

DEVICE	TESTED (FACTORY, SITE)
Protec Cirrus Hybrid and **Propoint Plus**	Chipkin Lab – tested with one of each panel SafeFire – Tested 2024Jan

CONNECTION CONFIGURATIONS

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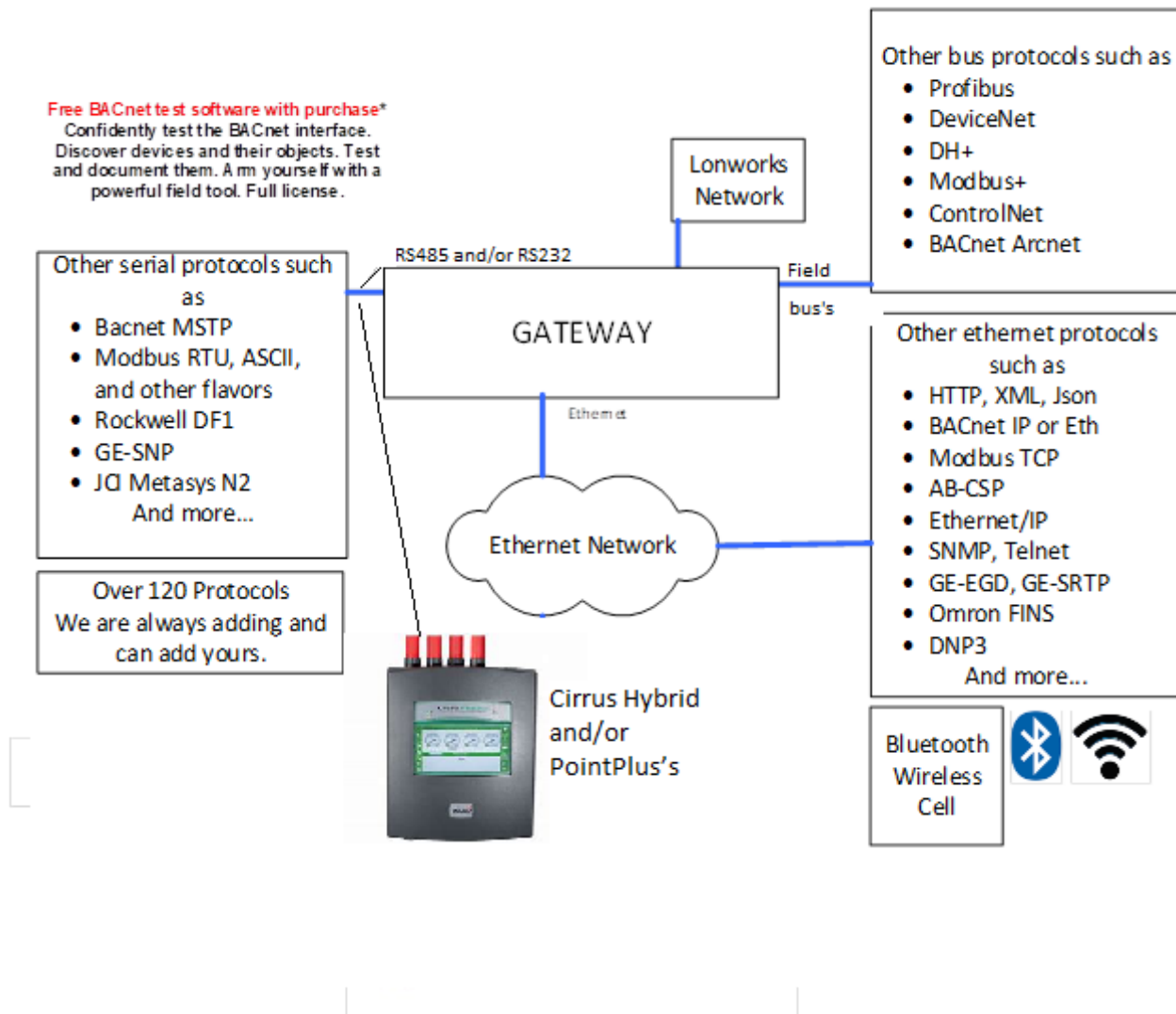
DRIVER FUNCTIONALITY

There is more than one SafeFire driver. This one, developed for SafeFire for **Protec Cirrus Hybrid** and **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 a 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.

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!

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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.	DRIVER VERSION	DOCUMENT REVISION	COMMENTS
2024Feb13	PMC	0.00	0	Created document