

# FS-8705-111 – HTTP Trigger

DATASHEET – Rev 2

## DESCRIPTION

The HTTP Trigger Driver allows the FieldServer to push updated values to any accessible HTTP(s) API over Ethernet, using RESTful HTTP(s) request methods. The HTTP Trigger Driver supports pushing values to multiple HTTP(s) server endpoints.

The information that follows describes how to expand upon the factory defaults provided in the configuration files included with the FieldServer.



## CONNECTION FACTS

This table summarizes the number of connections this driver supports for each of its modes.

FIELDSEVER MODE	NODES	COMMENTS
Client	*	The FieldServer can be configured as a client that pushes out HTTP Trigger data to multiple URL endpoints.
Server	0	The FieldServer cannot be configured as a server with the HTTP Trigger Driver.

## FORMAL DRIVER TYPE

Ethernet  
Client

## COMPATIBILITY

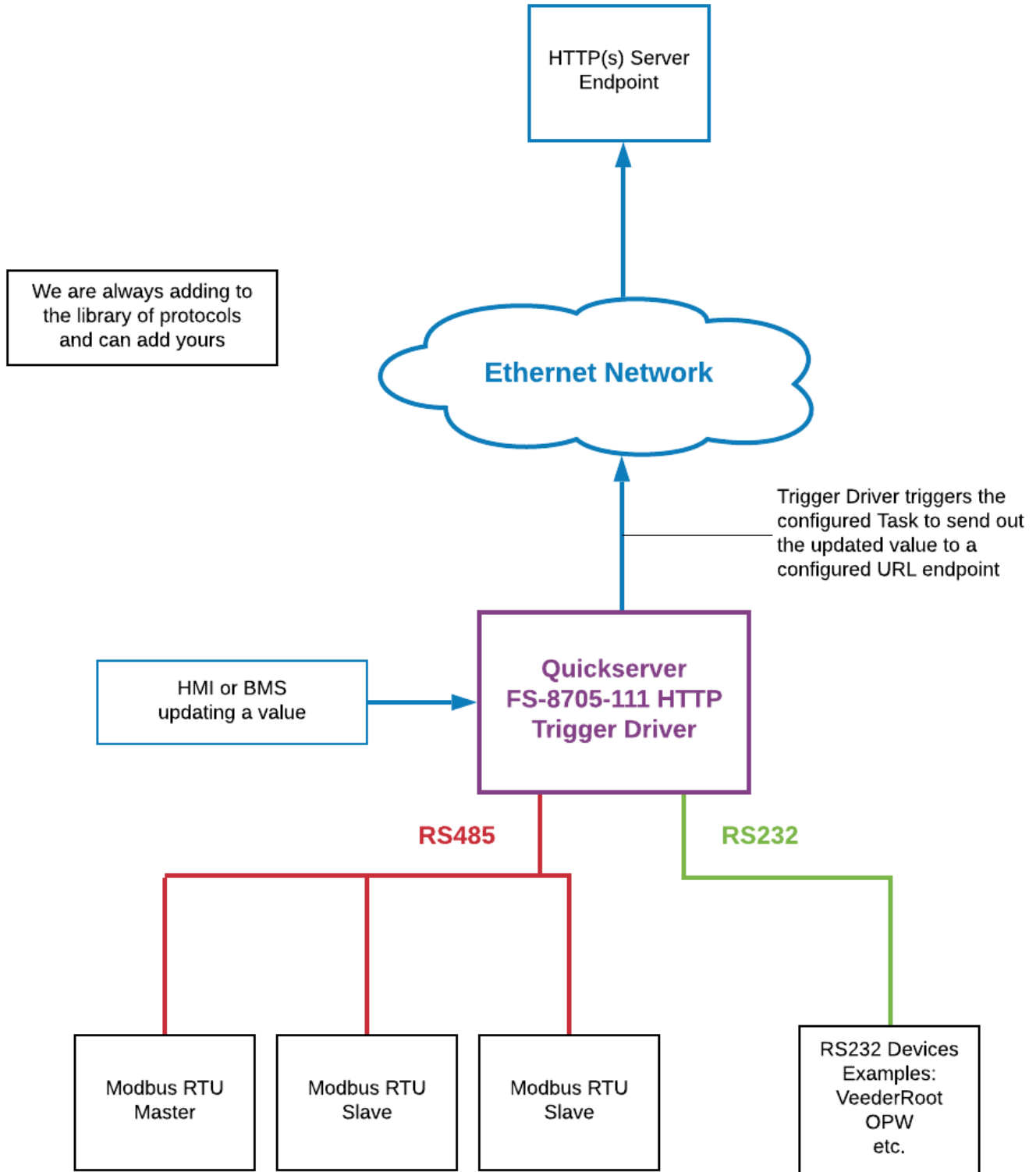
FIELDSEVER MODEL	COMPATIBLE
QuickServer FS-QS-10xx	Yes
QuickServer FS-QS-12xx	Yes
QuickServer FS-QS-20xx	Yes
QuickServer FS-QS-22xx	Yes
QuickServer FS-QS-30xx	Yes
QuickServer FS-QS-32xx	Yes

## CONNECTION INFORMATION

Connection Type: Ethernet  
Ethernet Speeds Supported: 10Base-T, 100Base-T

## CONNECTION CONFIGURATIONS

This block diagram shows data being served using other protocols like Modbus RTU/TCP, and BACnet. The FieldServer can use the HTTP Trigger Driver to push this change of values out to various HTTP(s) API endpoints.



### COMMUNICATION FUNCTIONS

The FieldServer is configured as an active client. This means that it sends out HTTP Trigger event data packets on data change to the configured URL endpoints. As such, the FieldServer must be installed and configured to be on the same network, or connected to the internet, as the device receiving the HTTP Trigger data.

The HTTP Trigger driver is a write only driver and can control or change data on the devices that get sent HTTP Trigger event data.

### CUSTOMER SUPPORT

The HTTP Trigger 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.

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## APPENDIX A: DEVICES TESTED

This tables summarize the HTTP Trigger-enabled devices that have been tested. Other devices may be supported.

DEVICE	TESTED (FACTORY/SITE)
Sample HTTP Trigger Server	Factory

## REVISION HISTORY

DATE	RESP.	DRIVER VERSION	DOCUMENT REVISION	COMMENTS
21 Apr 2021	JJK	0.0.1	0	Created
29 Sept 2021	YC	0.0.1	1	Updated
04 Oct 2021	YC	0.0.1	2	Updated to latest template