

# FS-8705-100 – HTTP Data

DATASHEET – Rev 2

## DESCRIPTION

The HTTP Data Driver allows the FieldServer to pull values from any accessible HTTP(s) API over Ethernet, using RESTful HTTP(s) request methods. The HTTP Data Driver supports pulling values from multiple HTTP(s) server endpoints.

The FieldServer is a client pulling requests from a configured URL endpoint. The FieldServer stores values to be mapped to other protocols or simply to be viewed. When configured, the configured Nodes pulling in data from URL endpoints, will extract the values based on the configured Tasks Type and Pattern, if applicable.

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 pulls HTTP(s) data from multiple URL endpoints
Server	0	The FieldServer cannot be configured as a server with the HTTP Trigger Driver

## FORMAL DRIVER TYPE

Ethernet  
Client

## COMPATIBILITY

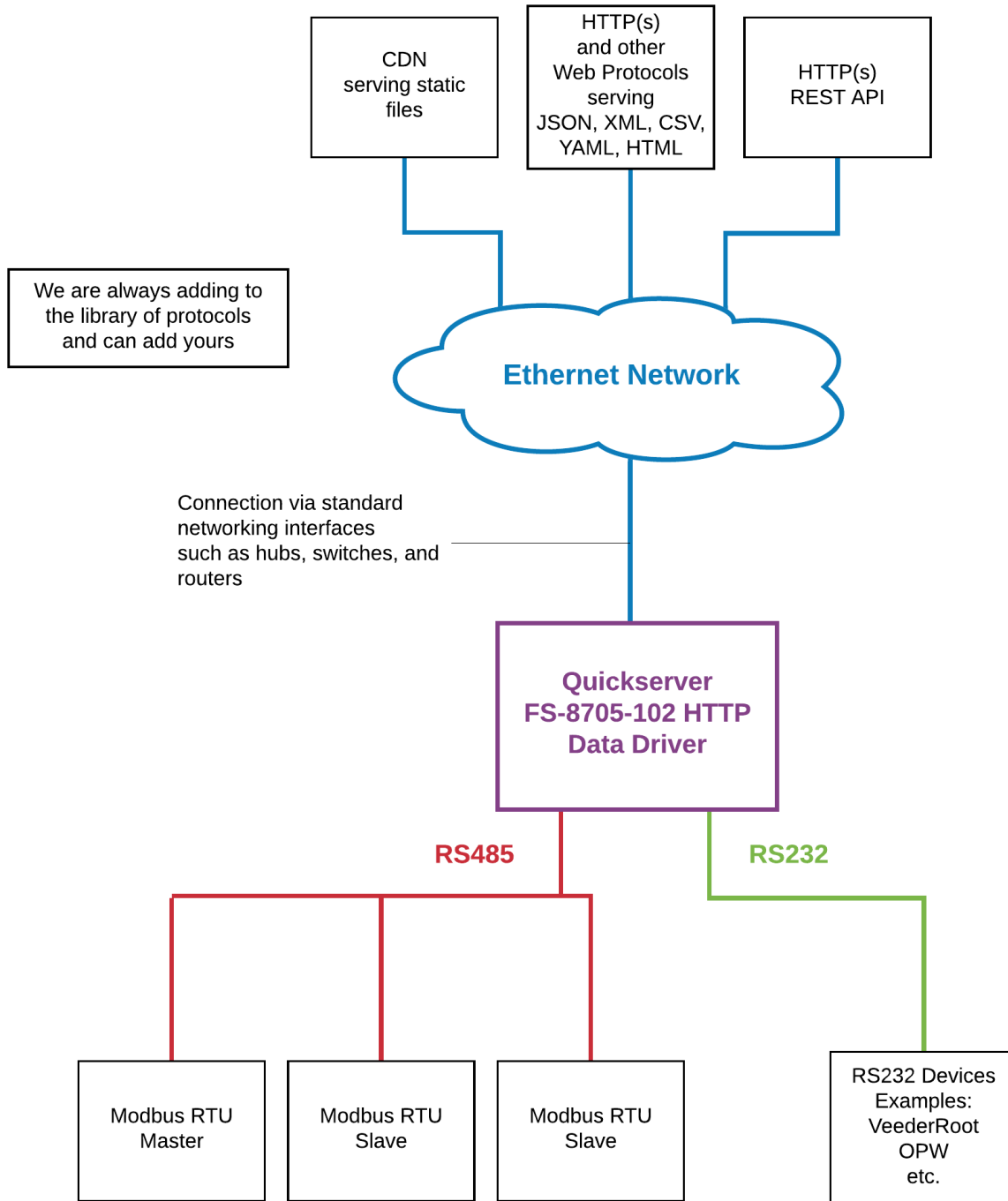
FIELD SERVER MODEL	COMPATIBLE
QuickServer FS-QS-10xx	Yes
QuickServer FS-QS-12xx	Yes
QuickServer FS-QS-20xx	Yes
QuickServer FS-QS-22xx	Yes
QuickServer FS-QS-30xx	Yes
QuickServer FS-QS-32xx	Yes

## 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 Data event data packets 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 Data packet.

The HTTP Data driver is a read only driver and can only retrieve data from configured URL endpoints.

### CUSTOMER SUPPORT

The HTTP Data 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!

### Sales and Customer Service

Toll Free: +1 866 383 1657

Email: [salesgroup1@chipkin.com](mailto:salesgroup1@chipkin.com)

All contents are Copyright © 2000-2021 Chipkin Automation Systems Inc. All rights reserved.  
This document is Chipkin Public Information

## 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

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
30 Sept 2021	JJK	0.0.1	1	Created
04 Oct 2021	YC	0.0.1	2	Updated to latest template