

# FS-8705-107 – Avigilon ACM

DATASHEET – Rev 2

## DESCRIPTION

The Avigilon ACM Driver allows the FieldServer to transfer Avigilon ACM XML event data from devices over Ethernet. The Avigilon ACM Driver uses TCP. The port is configurable and the driver supports opening multiple TCP ports to receive Avigilon ACM Event XML data.

The FieldServer is a passive Server, listening on the configured TCP port. When configured, the FieldServer listens for Avigilon ACM XML event data. Upon receiving the data, the data is parsed based on the configured XPathS and the values are extracted. These values are stored on the FieldServer to be mapped to other protocols or simply to be viewed.



## CONNECTION FACTS

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

FIELDSEVER MODE	NODES	COMMENTS
Client	0	The FieldServer cannot be configured as a Avigilon ACM client
Server	*	The server mode supports setting up a passive server that can receive Avigilon ACM XML event data on multiple TCP ports

## FORMAL DRIVER TYPE

Ethernet

Passive Server

## COMPATIBILITY

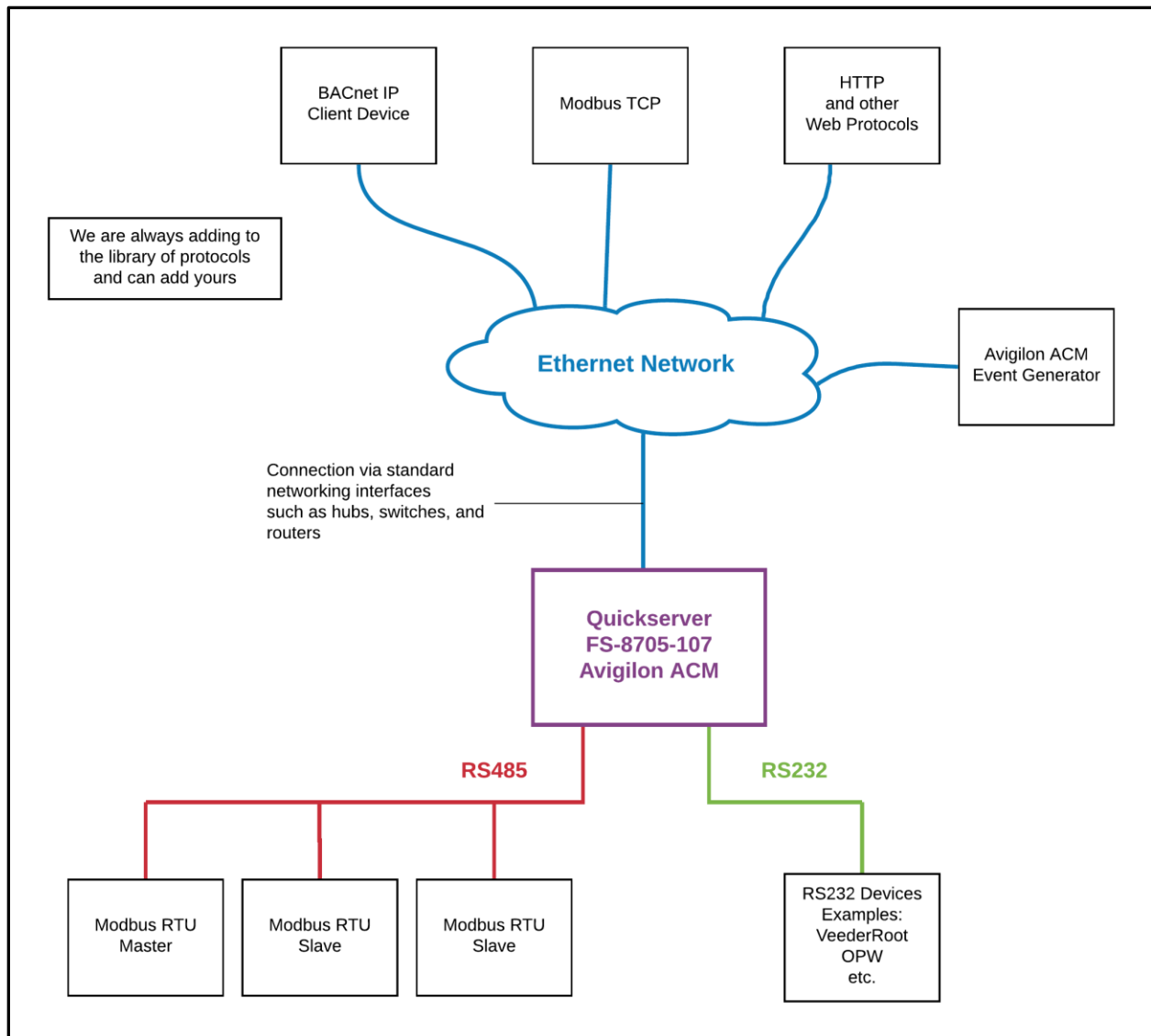
FIELD SERVER MODEL	COMPATIBLE
QuickServer FS-QS-1xxx	Yes
QuickServer FS-QS-2xxx	Yes
QuickServer FS-QS-3xxx	Yes

## CONNECTION INFORMATION

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

## CONNECTION CONFIGURATIONS

This block diagram lists common network connections that can monitor Avigilon ACM XML event data using other protocols like Modbus® RTU/TCP, BACnet® and HTTP.



### COMMUNICATION FUNCTIONS

The FieldServer is configured as a passive server. This means that it listens for any Avigilon ACM XML event data packets that are sent to one of its opened ports. As such, the FieldServer must be installed and configured to be on the same network as the device sending the Avigilon ACM Event XML data.

The Avigilon ACM driver is a read only driver and cannot control or change any data on the devices that sent the Avigilon ACM XML event data.

### CUSTOMER SUPPORT

Avigilon ACM 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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## APPENDIX A: DEVICES TESTED

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

DEVICE	TESTED (FACTORY/SITE)
Sample XML Client	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
21 Apr 2021	JJK	0.0.1	1	Created document
2 Jun 2021	YC	0.0.1	2	Updated to the latest template