EFM Modules

Electronic Flow Measurement (EFM) is the cash register for the Oil & Gas industry for measuring hydrocarbons to calculate production and revenue. Major industry flow computer devices gather the EFM data but represent it very differently within their proprietary protocols making the process of extracting this data and sharing its true value throughout the enterprise a challenge. Cirrus Link has developed a range of EFM module products for the Ignition platform to extract this EFM data using the efficient open standard MQTT protocol to solve this problem and provide the following benefits.

- ABB Totalflow Driver Module
    - This module communicates with ABB Totalflow computers. This includes, but not limited to *Totalflow* XSeries G3, G4, as well as NGC (i. e. Natural Gas Chromatograph). By using the ABB Totalflow Module on the Ignition platform the ABB Totalflow EFM data is polled and made available as tags within the OPC browser.
- Emerson ROC Driver Module
    - This module communicates with Emerson ROC and ROC Plus flow computers, formerly Fisher ROC. This includes, but not limited to, FloBoss 100 Series and ROC 800 series. By using the EFM Emerson ROC Module on the Ignition platform the Emerson ROC EFM data is polled and made available as tags within the OPC browser.
- EFM Export Module
    - The EFM Export module receives EFM information via MQTT that includes the Alarms, Events, Configuration and QTR records from flow computers accessed by the Cirrus Link EFM protocol drivers.