# Cirrus Link Ignition Modules

Cirrus Link Solutions provides a variety of modules to add additional capabilities to Inductive Automation's Ignition platform.  These include the following.

- Cloud Modules - These are modules which enable Ignition tags to be sent to various cloud service endpoints

  -  AWS Injector: An Ignition module that collects Ignition tag data and pushes it to Amazon's AWS Kinesis or DynamoDB services.

  -  Azure Injector: An Ignition module that collects Ignition tag data and pushes it to Microsoft's Azure IoT Hub service.

  -  Google Cloud Injector: An Ignition module that collects Ignition tag data and pushes it to Google's Cloud IoT service.

  -  IBM Cloud Injector: An Ignition module that collects Ignition tag data and pushes it to IBM's Watson IoT Platform.


- MQTT Modules - These modules enable Igniiton to be MQTT aware.  This includes converting tag change events into MQTT messages and consuming MQTT messages to create tags in Ignition dynamically.

  -  MQTT Distributor Module: Adds an MQTT v3.1.1 server to the Ignition platform that enables MQTT clients to securely connect, publish, and subscribe to data.

  -  MQTT Engine Module: Adds the functionality to the Ignition platform to bidirectional communicate with MQTT Sparkplug enabled edge-of-the-network devices securely via an MQTT Server.

  -  MQTT Transmission Module: Acts as an Ignition Tag to MQTT Sparkplug message bridge.  It can take any Ignition Tag, listen for change events, and publish those events as MQTT Sparkplug messages.