

# Amazon Web Services Injector Module

By Cirrus Link Solutions

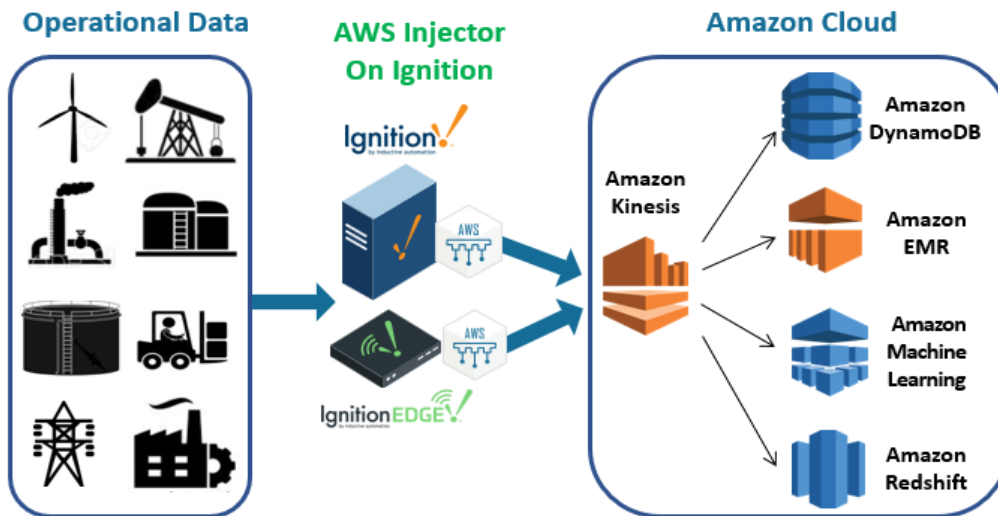


The AWS Injector module easily connects any tag data from the Inductive Automation Ignition platform into the Amazon Web Services (AWS) cloud infrastructure. With a simple configuration, tag data will flow into AWS Kinesis Data Streams, Amazon Kinesis Data Firehose or DynamoDB using an easy to read and efficient JSON

representation.

With the operational data from Ignition in AWS cloud you can unleash the power of the AWS Platform for big data applications, predictive maintenance, predictive analytics, AI, and vastly improve operations and ultimately insight into your business processes.

## Operational data seamlessly pushed to the cloud



The AWS Injector module is available for both Ignition Gateway and Ignition Edge, allowing data to flow directly to the cloud from any point in the network.

### Features

- Connects to any Tag Data
- Easy to Configure
- Efficient reporting scheme
- Use in Ignition Gateway or EDGE
- Does not require MQTT infrastructure

### Supported Operating Systems

Windows Server 2008/2012, Windows 7, 8, and 10. Ubuntu Linux 12.04 or later Other Java SE-enabled OSes1

### Supported Databases

- Microsoft® SQL Server
- MySQL
- Oracle
- PostgreSQL

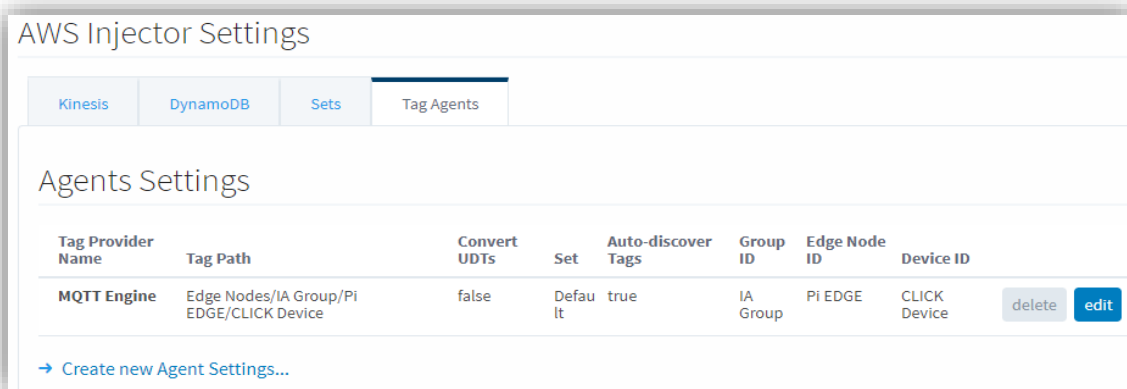
### Requirements

- Java SE 8 (server)
- Java SE 6, 7, or 8 (client)
- 1024 MB RAM3
- 1 GB free HD space
- (Requirements vary by usage)

Ignition is compatible with any Java SE 8-enabled OS. Full support is only offered for listed OSes.

## Extremely simple to configure

For tutorials visit <https://docs.chariot.io/display/CLD/AWS+Injector>



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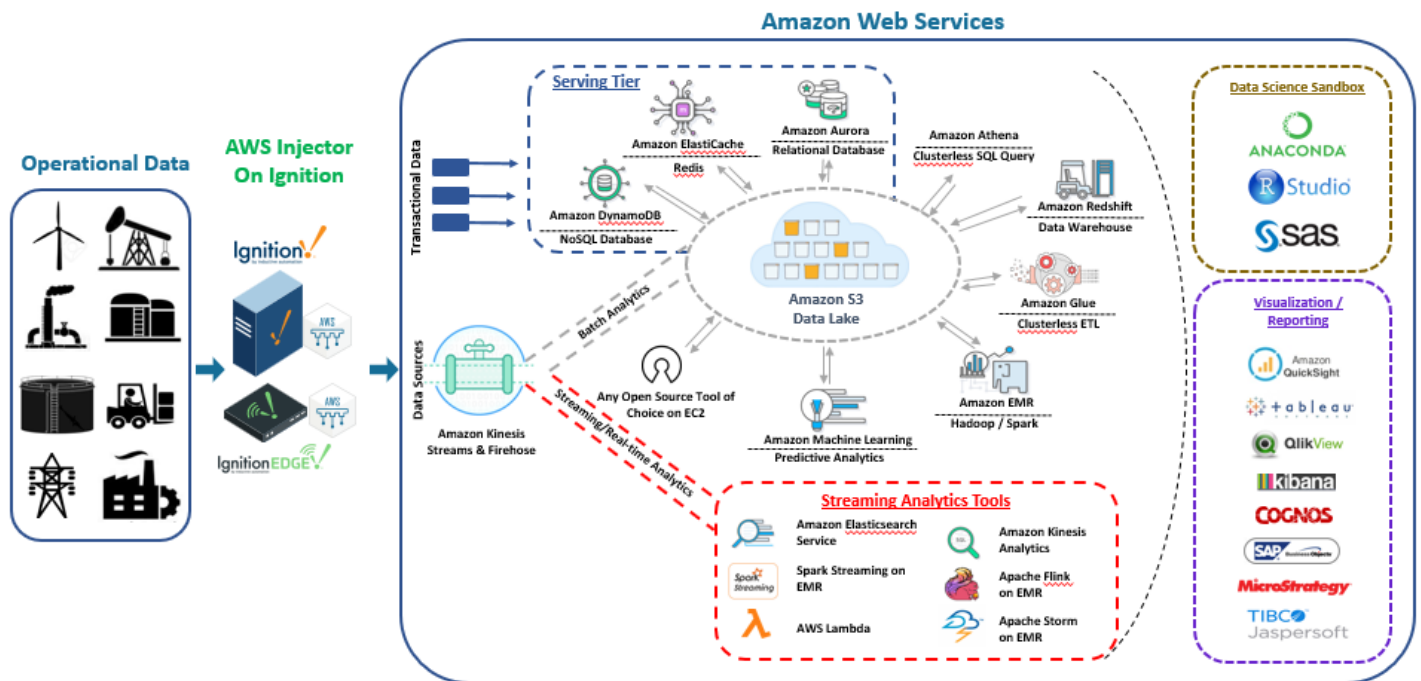
*Operational data is available to big data analytics tools*

Once the data is inside Amazon cloud, there is a large selection of tools and business partners available specifically designed for big data analytics.

Using Amazon big data tools, the user will be able to perform:

- Big Data analytics
- Predictive maintenance
- Predictive analytics
- Artificial Intelligence

Gain insight needed to deliver intelligent actions that improve customer engagement, provide market differentiators, increase revenue, and lower costs.



## Powered by Ignition:

AWS Injector Module is powered by Ignition, the powerful IIoT, HMI, SCADA, and MES software platform by Inductive Automation providing cross-platform compatibility, unlimited free clients, robust out-of-the-box SQL database support, and fast installation.



Leveraging the full power of the Ignition universal industrial automation platform with fully integrated HMI/SCADA functionality, the AWS Injector Module will unleash the true value of your IIOT Data.