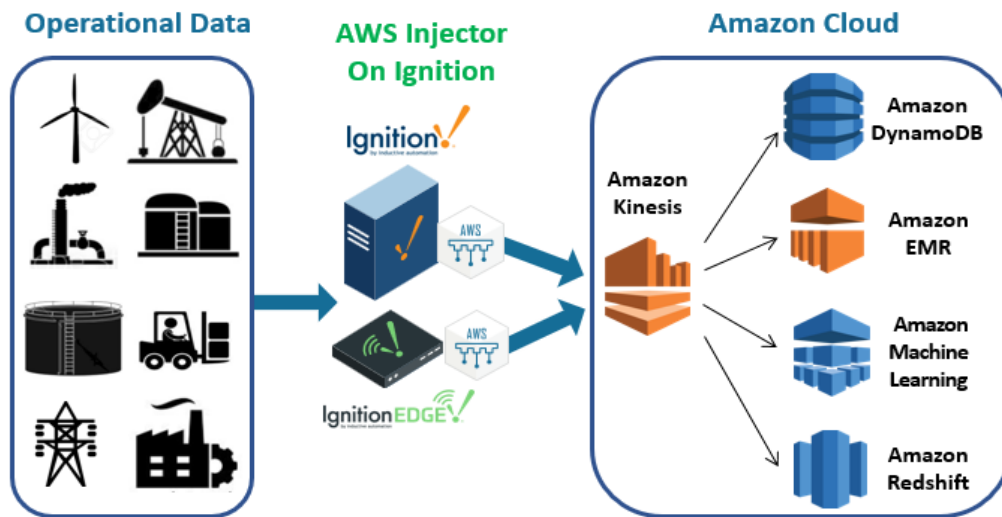# Amazon Web Services Injector Module
By Cirrus Link Solutions

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 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

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

Powered by Ignition

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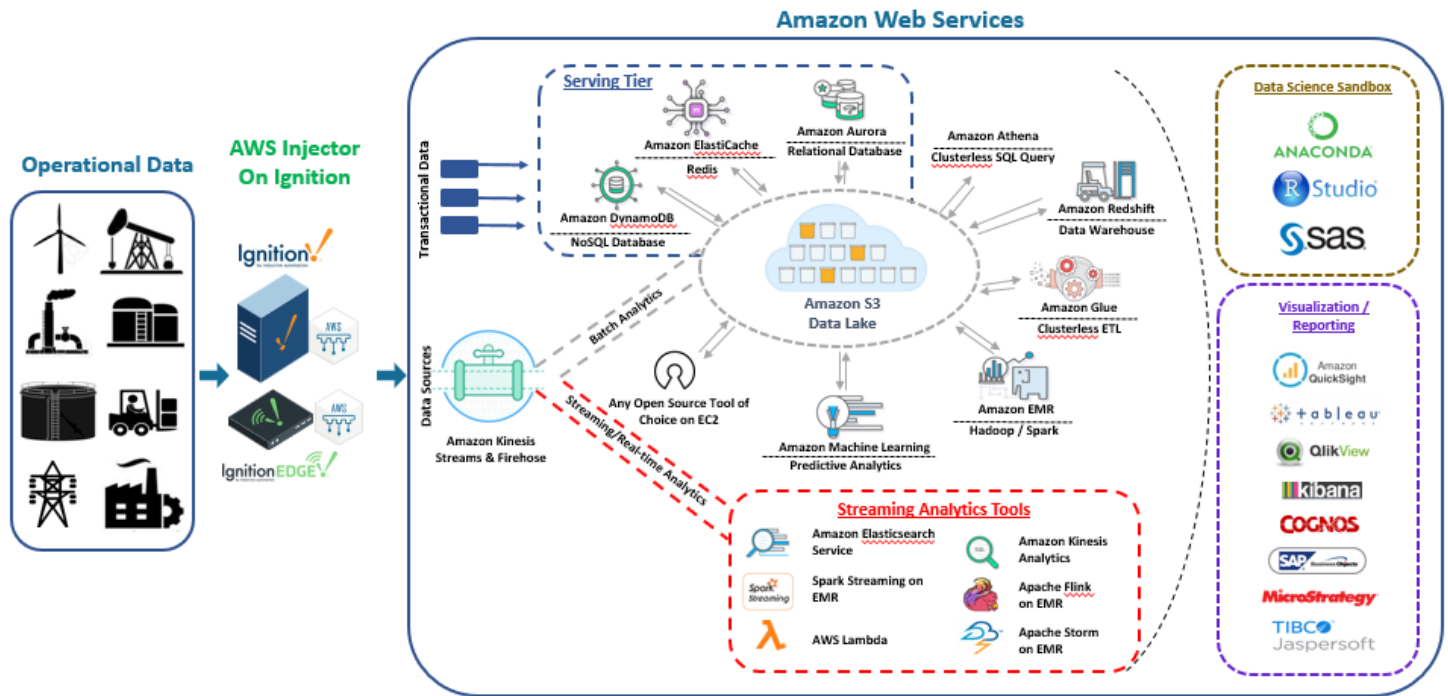 Java SE 6, 7, or 8 (client)
1024 MB RAM3
1 GB free HD space
(Requirements vary by usage)

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

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.

Extremely simply to configure

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

Operational data available to big data analytics tools

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

- Big Data analytics, predictive maintenance, predictive analytics, AI
- Gain insight needed to deliver intelligent actions that improve customer engagement, provide market differentiators, increase revenue, and lower costs.

Powered by Ignition

AWS Injector Modules are powered by Ignition, the powerful HMI, SCADA, and MES software platform from 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 Modules will unleash the true value of your IIOT Data.