

Amazon Web Services Japan, Inc.

Amazon Web Services (AWS IoT)

IoT platform for factories using Edgecross and AWS



» Product Features

• Data collection and transmission to AWS by Edgecross

The Edgecross data collector collects data from control devices and sensors, and sends the data to AWS using the MQTT distribution function.

• Building an IoT platform using AWS IoT

Build an IoT platform by combining AWS IoT and other services such as "Data Management," "Data Processing," "Machine Learning," and "Visualization".

• Utilizing AWS Partner Solutions

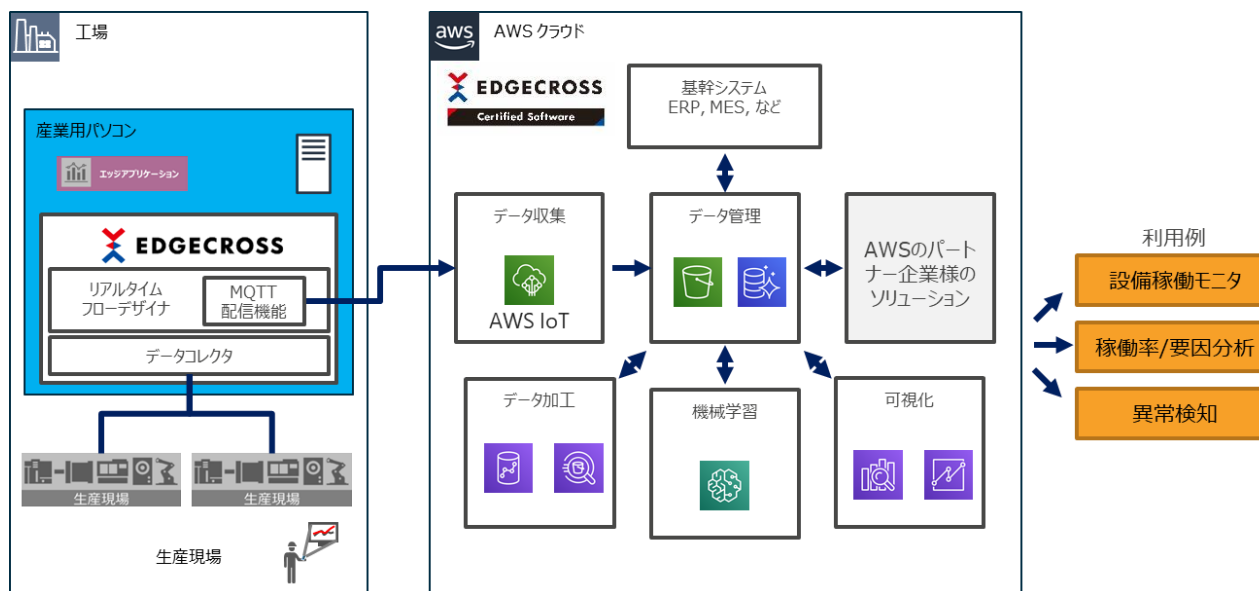
You can use a variety of solutions provided by AWS IT domain partners to promote data utilization.

• Support from small start to overseas expansion

You can start from a small scale and gradually expand the scale by combining serverless services on AWS. It can also be used for remote support and overseas deployment.

» Conceptual Diagram

- Data collection and data transmission to AWS using Edgecross functions from equipment control equipment.
- On AWS, an IoT platform is built by combining the necessary services for data usage.
- Data from core systems such as ERP and MES, which are necessary for data usage, will also be linked on AWS.
- We will also use solutions from partner companies to promote the use of data in production operations.



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Product Overview Headline	Using Edgecross and AWS, you can build an IoT platform to utilize data from remote monitoring to predictive maintenance and quality anomaly detection through machine learning.
Solutions	Cloud Services
Industry	Food / Beverages / Tobacco / Pharmaceuticals / Cosmetics / Automobiles / Other Transport Equipment / Semiconductor · devices / Electronic Components / Tires · Rubber / Precision Machinery / Other Manufacturing / General Machinery Manufacturing / Equipment / Infrastructure · Energy / IT system SI / FA system SI / Other
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