

Agora

Edge IoT Solutions



The Gateway to Edge Intelligence

www.AgoraIoT.com

The Agora Platform

By harnessing the power of edge computing and data analytics, AgoraSM edge IoT solutions enable oilfield operators to reduce non-productive time, minimize HSE risk, enhance production and lower total operating costs. Agora leverages the actionable insights revealed by data to improve decision-making and deliver fast-loop workflows to the edge.

Edge Innovation for Multiple Use Cases

Agora provides operators with the unique ability to manage multiple use cases via a single platform. From enhancing artificial lift operations to improving the efficiency of oil and gas processing facilities, Agora is partnering with industry leaders and technology innovators to solve key challenges using edge intelligence.

Maximize ESP Performance

The **AED for ESP app** enables root cause analysis of factors influencing electric submersible pump (ESP) performance, in addition to the ability to perform corrective actions remotely.

The app uses an advanced event detection algorithm that combines machine learning and domain knowledge to determine root causes and provide event detection reports. The app also delivers the ability to automate, or remotely perform, corrective actions. As a result, operators can significantly reduce downtime associated with pump failures and minimize HSE exposure by eliminating trips to the field to perform corrective actions.

Enhance Rod Lift Operations

The **Rod Lift Advisor app** enables the ability to monitor pump performance in real time. The app standardizes and contextualizes data acquired from any rod pump, revealing actionable insights used to identify and mitigate factors that impact pump performance.

By standardizing and contextualizing rod pump data using the Rod Lift Advisor app, operators have quick access to relevant data. Using advanced algorithms, the app computes downhole dynacard data to identify factors impacting pump performance. Corrective actions can be performed through the app using either automation or remote control. As a result, operators can significantly reduce pump downtime, minimize HSE exposure and increase people utilization by ensuring teams are only sent to wells that require immediate attention.

Anticipate CO2 Membrane Failures

With the **Process IQ Acid Gas Membrane Performance app**, operators can monitor and anticipate gas processing facility upsets associated with CO2 membrane failures.

By applying predictive monitoring and active machine learning using continuous surveillance of facility operations, the app accurately anticipates a performance upset, thus reducing downtime. The app is also used to proactively manage remaining membrane performance to both extend membrane lifetime and optimize membrane module replacement expenditure. As a result, operators can avoid overspending on premature or reactive membrane replacement and, in turn, lower total operating costs.



OPEN

Connects to any field device
 Connects to any E&P data environment
 Agora Marketplace for open innovation



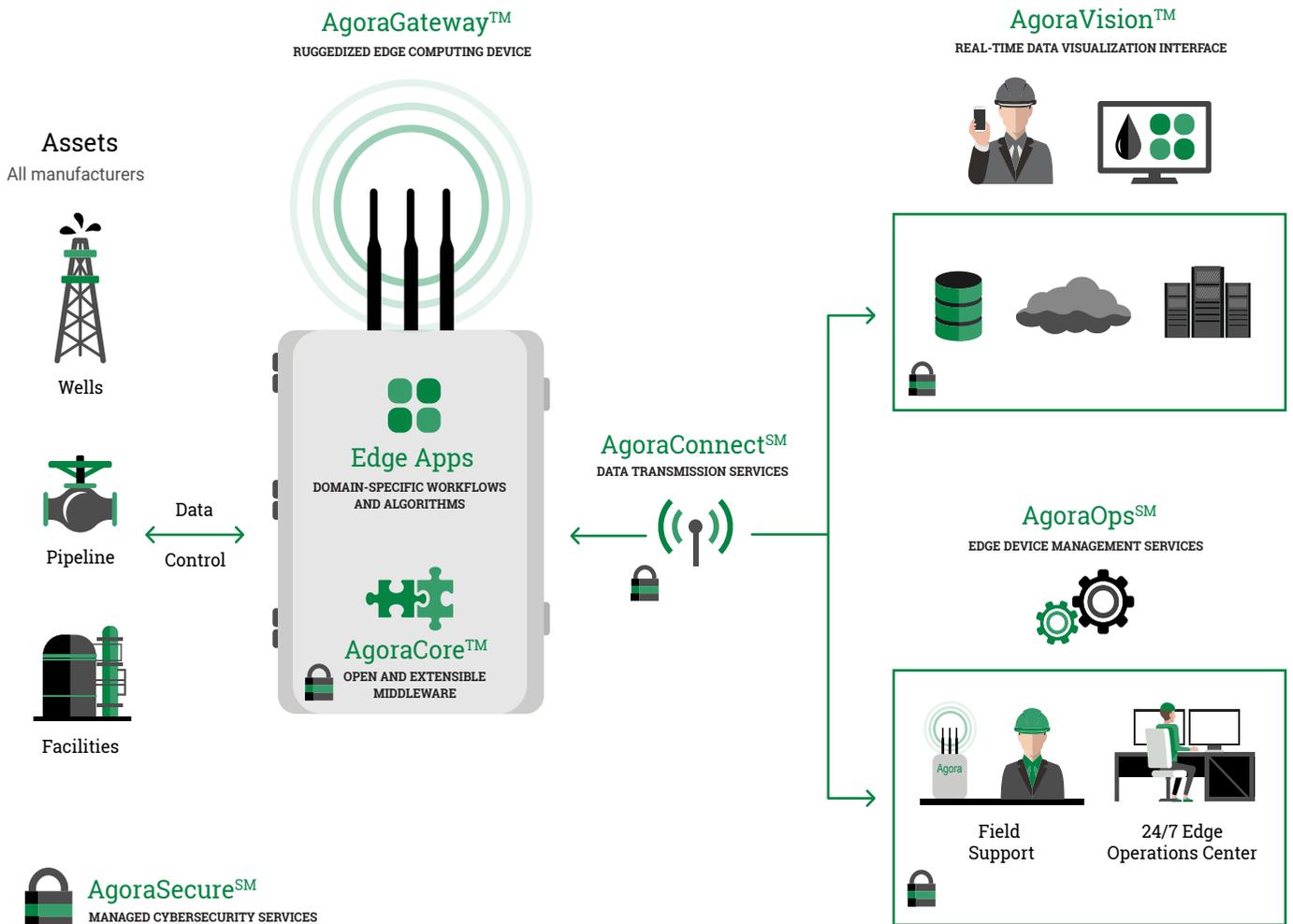
SECURE

Security built into the system's design
 Continuous monitoring, early detection and warning for cyber threats
 Cyberattack incident response and remedial actions



SCALABLE

Agile edge computing platform
 Independently manage multiple field applications
 Robust infrastructure built on extensive domain expertise



About Agora

Agora is the digital innovation partner for oilfield operators ready to harness the full power of edge computing. By combining decades of domain expertise with an agile approach, Agora is helping operators deliver results at the edge. Agora is a venture backed by Schlumberger, the world's leading provider of technology for reservoir characterization, drilling, production and processing to the oil and gas industry.

Contact Us

Is your organization ready to unlock the power of edge computing in your oilfield operations? Let's connect.



AgoraInfo@AgoraIoT.com



AgoraIoT.com

The Agora Marketplace

With applications for multiple use cases, the Agora Marketplace is the oil and gas industry's hub for edge computing innovation. We work closely with our app partners to bring the latest innovations to the edge.

Visit AgoraIoT.com/agora-marketplace to explore the latest apps.

