REEKOH

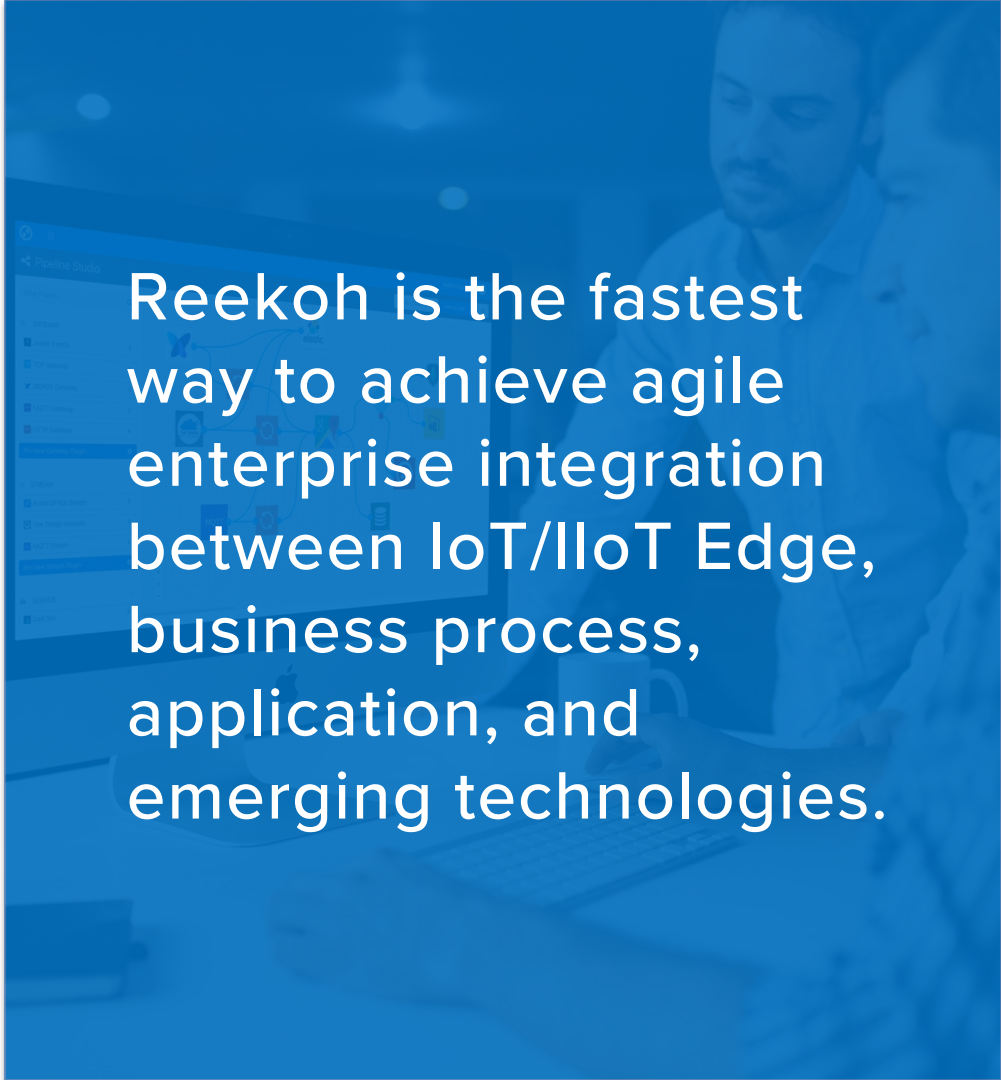
The Platform for the Business of Things®

The Industrial IoT Integration Cloud for the AVEVA/Wonderware Ecosystem

April 2020

As well as the growing amounts of application-based data, the modern enterprise will treat IoT/IIoT and physically-created data (SCADA, etc.) as just another data source to influence their business decision making in tools that are remotely available in the cloud.

They will need to manage a fragmented physical infrastructure of sensors and networks, alongside their traditional automation tools and assets, and enterprise business applications.



Integration is a skills gap for enterprise customers

“What are the greatest capability gaps related to the Enterprise IoT?”

70% said Integrating IoT solutions into existing business workflows

Reekoh is designed to be agile, vendor-agnostic, and low-code for use by ‘citizen integrators’ across an organisation.

Gartner CoolVendor

Gartner Market Guide for IoT Integration

ARN INNOVATION AWARDS 2019

2018 CRN IMPACT AWARDS WINNER

AUSTRALIAN IoT AWARDS

IoT Impact

LORD MAYOR'S BUSINESS AWARDS 2017

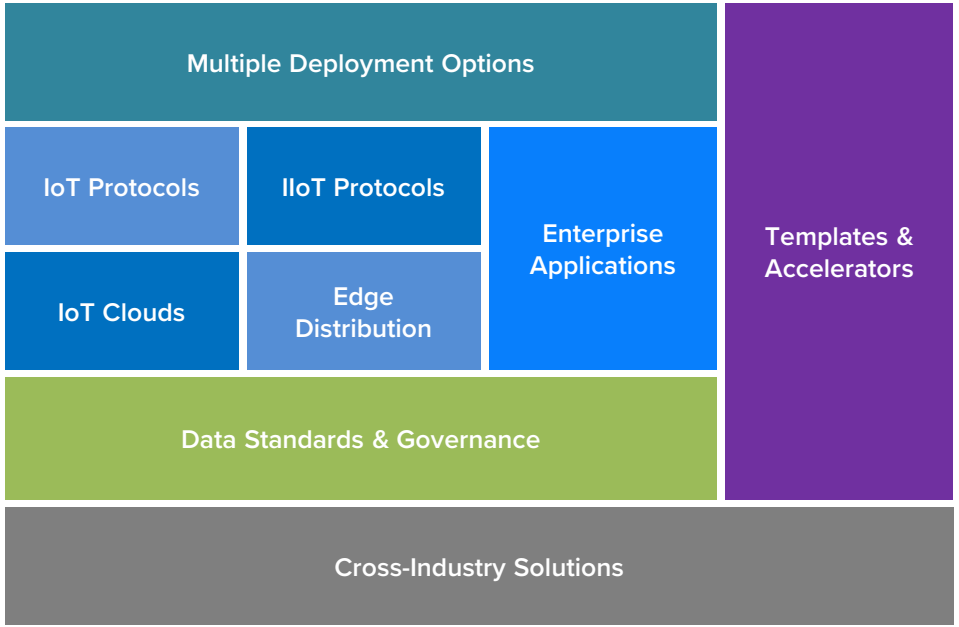
THE ACOMM AWARDS

Inc. 40

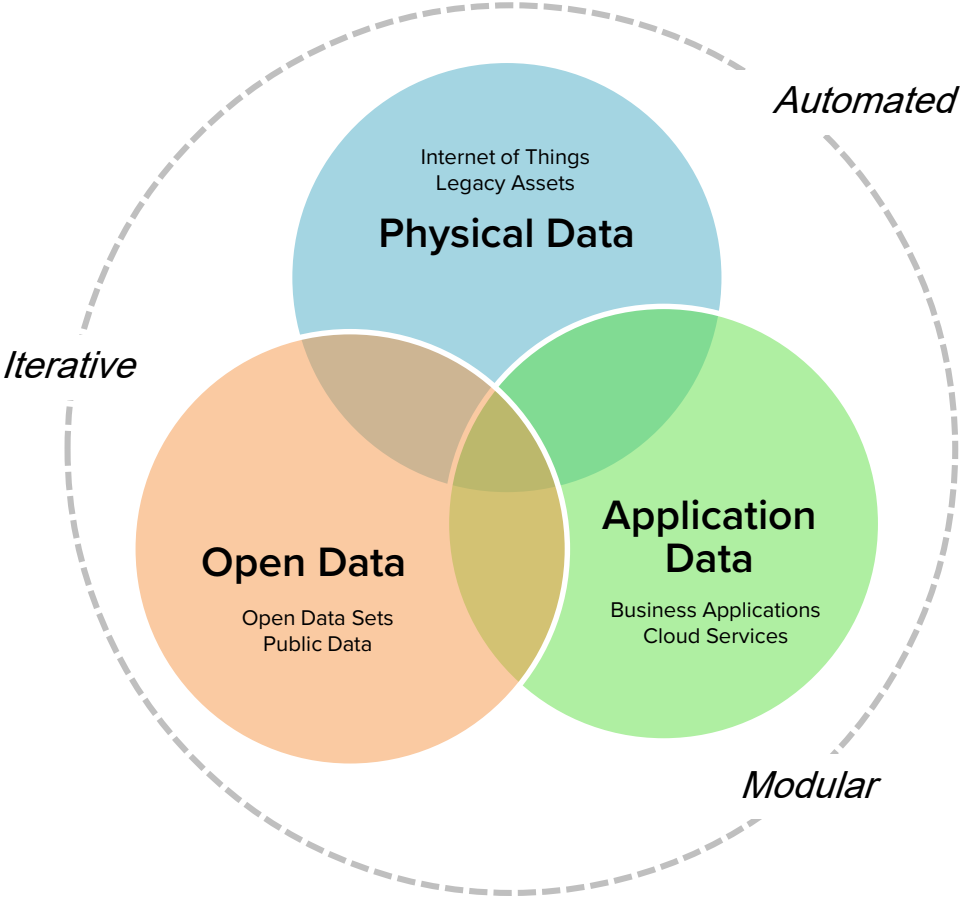
A Comprehensive Industrial IoT Integration Cloud™

Framework for delivering agile and robust IoT/IIoT data driven business outcomes

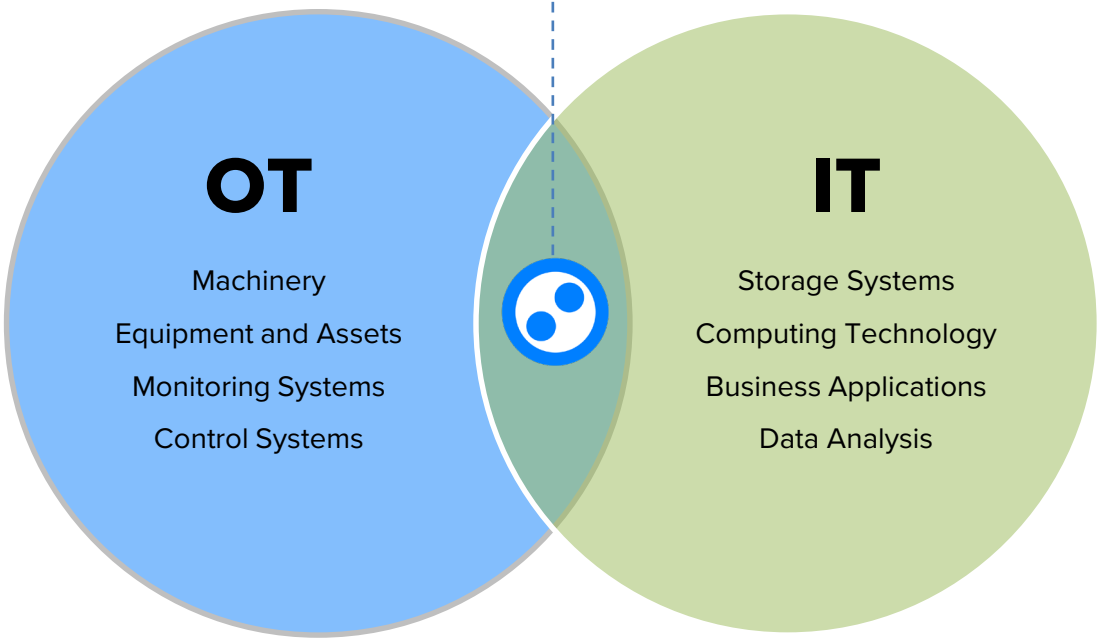
- IoT and IIoT protocol support and translation
- Integration to IoT device and network clouds, solutions and management tools
- Distribution to the industrial Edge
- Full data lifecycle integration with Enterprise Applications acting as data source and destination, plus data enrichment (lookup) for logic and context
- Enforcement of data standards and common data models, as well as data governance
- Templated and accelerated cross-industry solutions to enable agile pilot to production development and evolution – for both end customer and system integrator partners



Reekoh uses familiar integration methodologies and approaches for unifying the Integrated Data Landscape across the OT and IT domains.



Solving the pain of OT/IT convergence



- Smart connected assets
- IoT sensors and systems
- Data transformation, orchestration and integration
- Interoperable systems and API's
- Hybrid environments (public/private cloud, on-prem, edge)
- Best-practice Cloud / Data architecture and governance

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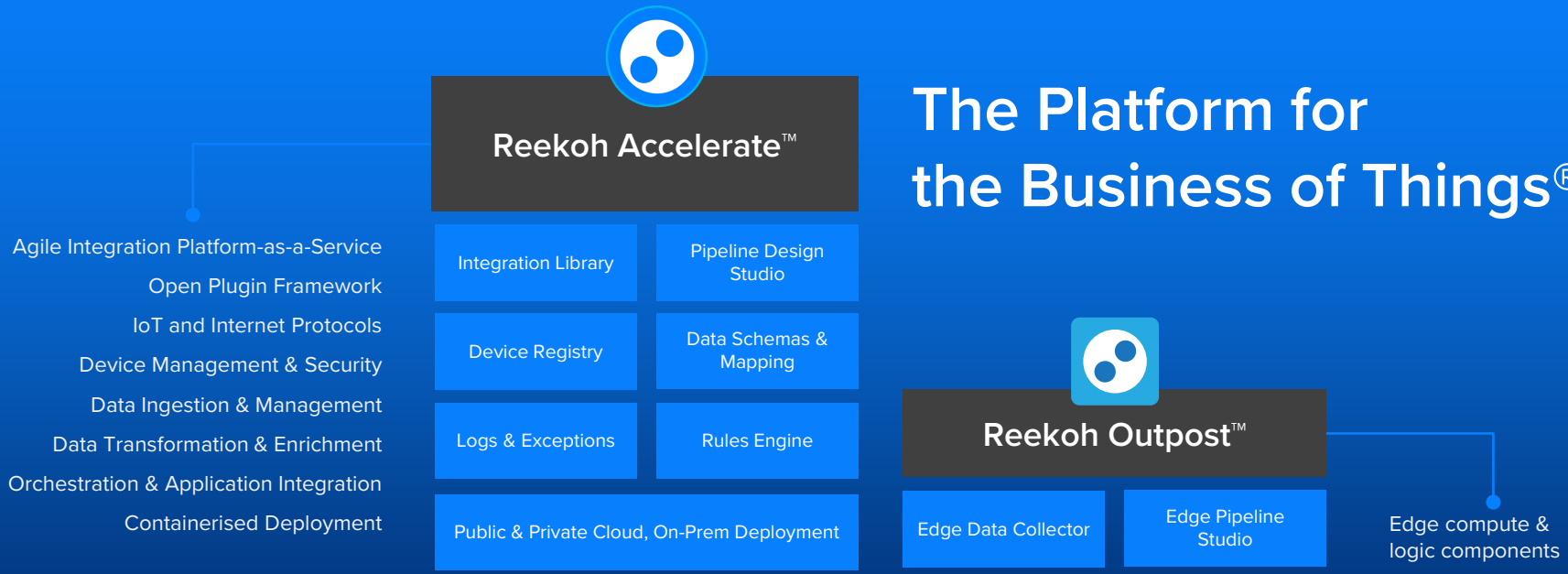
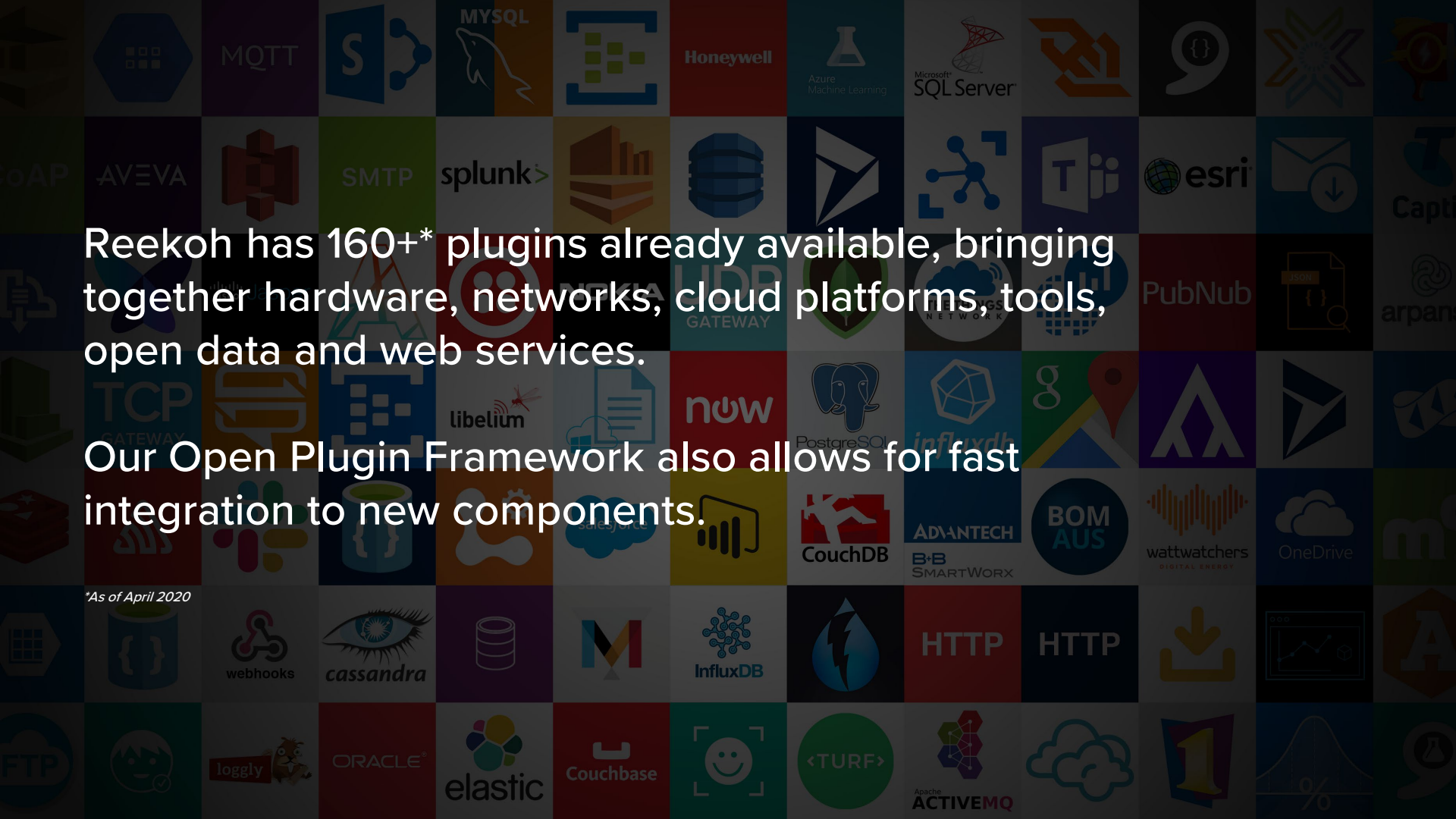




Reekoh has 160+* plugins already available, bringing together hardware, networks, cloud platforms, tools, open data and web services.

Our Open Plugin Framework also allows for fast integration to new components.

*As of April 2020

Industrial IoT

Smart Building

Smart Cities

Smart Energy

Smart Water

Reekoh is ideal for asset-heavy industry segments dependent on legacy physical infrastructure and business systems, and that are adopting greater cloud services for digital transformation

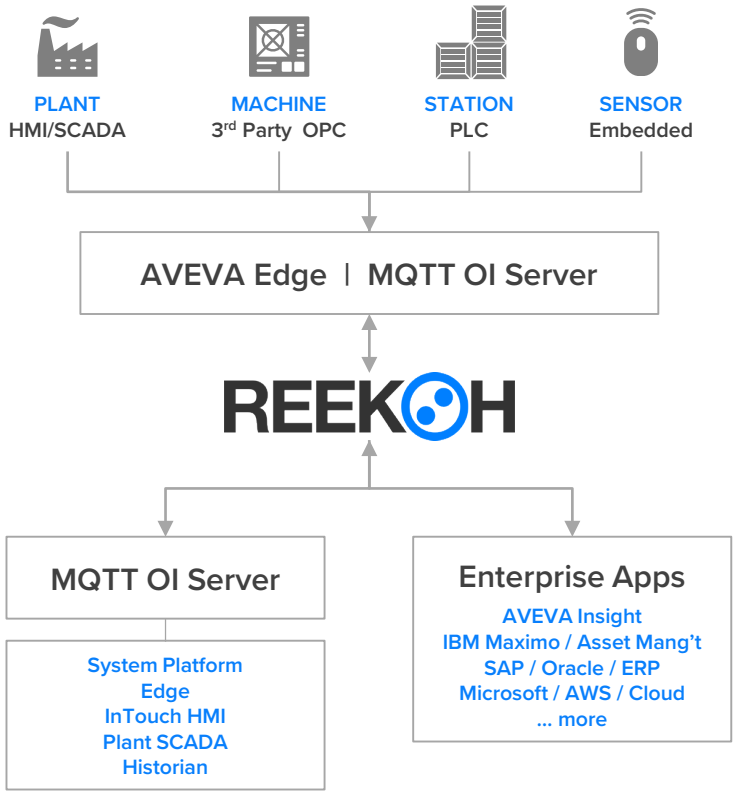
“Moreton Bay Regional Council is excited to partner with Reekoh to deliver Smart City services to our region. Reekoh’s IoT integration platform offers a unique mix of flexibility, capability and extensibility and is delivered in a robust service offering helping to accelerate Council’s Smart City project development.”

James Peet
Chief Digital Officer

Moreton Bay
Regional Council

Reekoh and AVEVA

- Supporting a highly flexible integration model and architecture for the various components of the AVEVA product suite
- Integrate with MQTT OI Servers for data acquisition from factory floor
- Data transformation to common data formats and schemas for seamless downstream data integration
- Two-way data flow between asset and application
- Various deployment models for platform run-time (public/private cloud, on-prem)
- Templated integrations and pre-built plugins for rapid agile deployment



Common Use Cases

- Data acquisition from IoT sensors into cloud architecture / database
- Data acquisition from SCADA/OPC/PLC system into cloud
- Remote asset monitoring
- Data visualisation / Unified Operations
- Integration of service request / work order / asset management systems to factory / field assets for automated business workflows
- Integrate the Connected Worker to factory and business application data

As a User I might want to ...

- See if a piece of equipment has any outstanding maintenance work orders.
- Look at the previous maintenance tasks undertaken on a piece of equipment.
- Initiate a work order from the process control (HMI) system.
- Initiate and track maintenance requests and ensure that a proper workflow and escalation process is follow as required.
- Utilise financial information regarding the cost of electricity to generate real-time KPIs regarding current cost of power being consumed within the facility.
- Log my facilities data to an Azure Data Lake for further visualisation and analysis.
- See summary information from my DCIM (Data Centre Information Management) application within my overall Data Centre UoC (Unified Operations Centre)

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