



gousto

Customer Background

Gousto is an online meal-kit manufacturer and retailer and a certified B Corporation. Since its inception in 2012, Gousto has experienced rapid growth, evolving from hand-packing 5,000 boxes per week to orchestrating a highly automated assembly process. As the company expanded, so did its data infrastructure.

“HighByte Intelligence Hub has revolutionized our operational landscape, providing a seamless abstraction layer across our diverse array of operational systems. With the ability to rapidly ingest and model data from over 40 PLC devices, we've witnessed a transformative shift in our industrial DataOps capabilities.

By harnessing this contextualized data, we've been able to build robust industrial products such as SCADA and MES systems at scale. HighByte's native connectors and edge-to-cloud capabilities enable us to publish all industrial data into our AWS ecosystem. This has streamlined our workflows and empowered our teams to make informed decisions.

The tangible result? A marked improvement in operational efficiency across the board. HighByte's solution has not only scaled our data infrastructure but has also unlocked new avenues for innovation, propelling us towards a future of heightened productivity and insight. ”

Matthew Venter Solutions Architect at Gousto

Company Profile

Name Gousto

Industry Food & Beverage

Headquarters London, England

Website <https://www.gousto.co.uk>

CHALLENGE

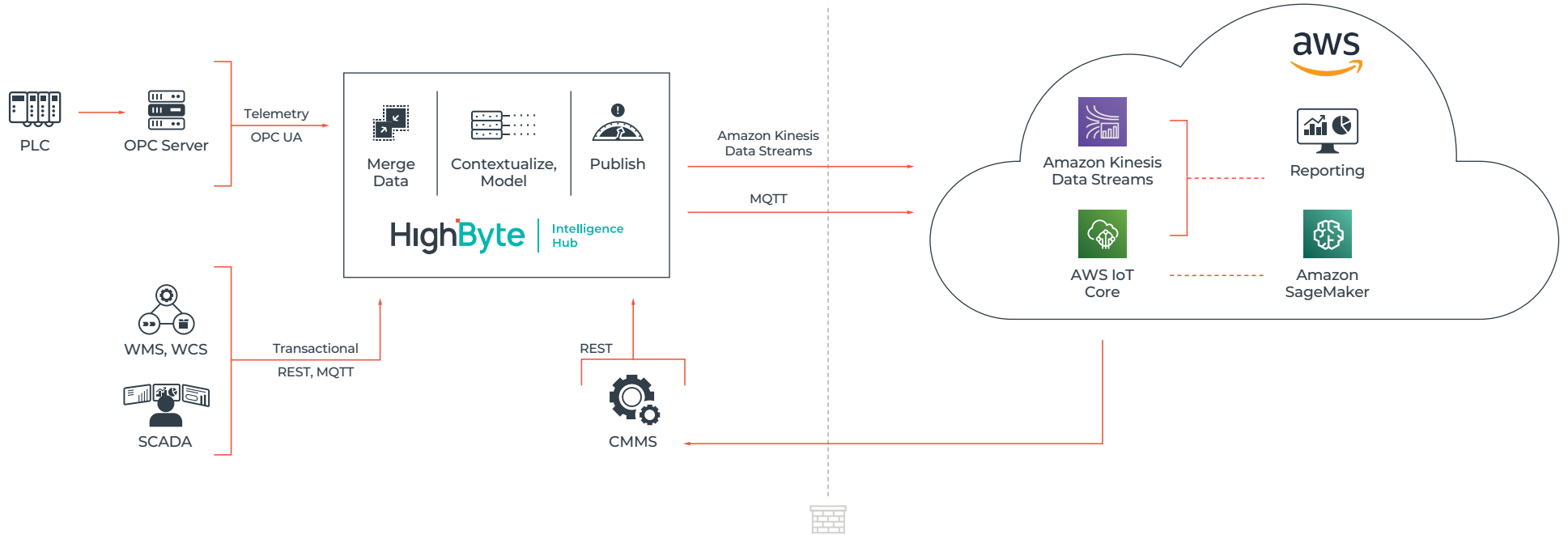
- Heavy reliance on equipment vendors to provide data, adding extra expense and time delays.
- Operational inefficiencies caused by lack of visibility into the operation.
- Inability to scale and provide 'real-time' data and information to the operation.

APPROACH

- Use HighByte Intelligence Hub to curate, orchestrate, and model data at the edge before publishing into the Amazon Web Services (AWS) ecosystem.
- Democratize data via abstracted data models and scale the approach using the Templating features in the Intelligence Hub.
- Build a highly scalable Unified Namespace (UNS) using the Intelligence Hub as the abstraction layer and AWS IoT Core as the Broker.
- Use the Pipelines feature in the Intelligence Hub to extract, transform, and load data out of operational systems, providing added context for Data teams.
- Use this data to build industrial products that contribute to operational efficiency, such as SCADA, MES, and CMMS.

BENEFITS

- Contributed to operational efficiency improvements, specifically in the area of mechanical availability.
- Enabled full abstraction, leading to a vendor agnostic approach.
- Contributed to improvements in operating costs and the company's ability to deliver on its sustainability mission.



WHAT'S NEXT

- Incorporate additional sources of data into the UNS from warehouse management and warehouse control systems.
- Move siloed queries into the Intelligence Hub to allow broader access and eliminate 'technical debt.'
- Use the REST Data Server feature in the Intelligence Hub to provide a 'Factory API' to the company's tech squads.
- Expand to the next factory:

"This will take 1 month of work to rapidly scale to a new location, which is a fraction of the time it would take without the Intelligence Hub."

“ We have been so impressed with Matthew and the team at Gousto and what they have been able to accomplish in a short amount of time. They have an innovative mindset and understand that system architecture is foundational to digital transformation. It's been a pleasure to learn from them and support their sustainability goals. ”

Carolyn Baron Success Director at HighByte

About HighByte

HighByte is an industrial software company in Portland, Maine USA building solutions that address the data architecture and integration challenges created by Industry 4.0. HighByte Intelligence Hub, the company's award-winning Industrial DataOps software, provides modeled, ready-to-use data to the Cloud using a codeless interface to speed integration time and accelerate analytics. Learn more at <https://highbyte.com>.