



Enerplus uses insights from Uptake Fusion for data-driven decision-making.

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Uptake Fusion powered by ShookIOT equips Enerplus to access data for greater insights and improved decision making. An added benefit is the fully integrated security with the Microsoft Azure platform.

BACKGROUND

Enerplus Corporation is one of Canada's largest independent oil and gas producers. The company holds oil and natural gas property interests in the United States and Western Canada, in the provinces of Alberta, British Columbia and Saskatchewan. Enerplus is based out of Calgary, Alberta, and trades on both the Toronto Stock Exchange and the New York Stock Exchange.

CHALLENGES

Enerplus faced data challenges regarding access, availability, and long-term storage needed to extract valuable insights and information out of the data. The company evaluated different options for on-premise and cloud historians. The favored solution must store large quantities of historical data securely without exponentially increasing the total costs.

SOLUTIONS

Uptake Fusion powered by ShookIOT was the ideal fit for Enerplus' needs in providing an open, cloud-native, flexible technology solution. It offered the time series, long-term storage, and cloud-based option that Enerplus was looking for. A bonus: the Microsoft Azure platform offered fully integrated security. This enabled Enerplus to access their data anytime, from anywhere to increase coordination and collaboration across the organization.





Uptake Fusion™ was implemented to manage real-time and historical operational data in the cloud-first-native cloud data historian. Additional components implemented include:

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Uptake powered by ShookIOT aligns perfectly with our goals. We needed a solution that was easy to install, had no infrastructure overhead, and liberated data for all.

Martin Blades

Program Leader
Enerplus

Connectors

Provides data connectivity to different endpoints for historical, instantaneous, and metadata

Elevate™

Extracts data from on-premise operational systems and moves it to the cloud

Lenses™

Organizes data to make it easier for users to find it

Essentials™

Provides access in an open format for visualization, analytics, orchestration, and reporting data consumers

APPLICATIONS

The scope of this project included:

- Developing a business case for a one-stop-shop for data storage
- Implementing a single-source of truth to ensure alignment across the enterprise
- Ensuring data integrity and security by leveraging the Microsoft Azure platform
- Securing sensitive data, reducing the risk of a cybersecurity incident

BENEFITS

Uptake Fusion powered by ShookIOT enables data acquisition and accessibility of far greater amounts of data providing more insight into Enerplus' operations.

- Fusion's single pane for viewing trending data assists with spotting issues before they occur.
- Fusion equips Enerplus to make data-driven decisions that greatly improve connectivity, efficiency, scalability, as well as achieve time and cost savings for the organization.
- The company sees opportunities through its data-driven decisions as they continue their digital transformation journey. For example, greater returns are expected now that data is freely accessible and easy to use by other departments.