



Real-time and predictive business intelligence platform for Water, Gas and Electricity Utilities

Utility companies can now drive energy conservation initiatives and promote consumer awareness, by facilitating intelligent actions and insights from their existing energy distribution and consumption data.

Customer Challenges

For Utilities across the world, it is becoming increasingly difficult to manage metering data (AMI data) from large number of Water, Electricity and Gas meters, along with their multiple MDM systems & ERP/CRM systems in the backend.

Such a multitude of data systems doesn't allow one view of the energy data coming in from all the different metering devices and storage systems. That makes it practically impossible to extract Energy analytics from meters, in order to send alerts and notifications to users, field agents and Utility management, to promote awareness & actions on consumption and enforcing energy conservation.

Saviant Consulting

Saviant is 'The Intelligent Solutions company' and the Gold Cloud Platform & Gold Data Analytics Partner for Microsoft. We have pioneered innovative solutions leveraging Cloud, Mobility, Analytics and IoT to help Enterprises transform and modernize their business. We work with enterprises globally to define their technology road map & implementation strategy using multi-tenant SaaS applications, Native Mobile Apps, Big Data Analytics, IoT solutions & Azure PaaS Development.



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Our Solution

Saviant Energy Analytics Platform (SEAP) solution helps you to conserve energy and promote consumer awareness. It enables intelligent actions and insights from your existing energy distribution and energy consumption data. It will help you reduce Energy Distribution costs by up to 20% over the next 3-5 years.

With this solution, you can ingest the data from any of your existing meter devices, MDM system of any meter manufacturer and of any energy type (water, electricity, gas). This intelligent analytics solution handles any type of data – Meter data, AMR/AMI data, Customer data, Billing data.

Additionally, SEAP solution brings down data collection interval to as less as FIVE minutes, which no other platform can handle today.

Business Benefits:

Being a high-performance Energy analytics platform solution, it

- Enables you to ingest data from any existing Utility/Energy MDM, of any meter manufacturer and any energy type (water, electricity, gas)
- Derives intelligence from any type of data – Meter data, Customer data, Billing data
- Reduces data collection interval as less as 5-minutes
- Manages VEE process in the backend for accurate data intelligence and business insights
- Derives real-time alerts and notifications on most important consumer KPIs
- Enables real-time visibility of Usage data, billing data, Usage pattern and comparative analysis to measure exact ROI and revenue gains
- Derives exclusive benefits from Predictive Analytics for future energy consumption, leakage detection, predictive maintenance, meter health, to name a few
- Synchronizes with embedded GIS for distribution analytics

SEAP handles data from 50 Million+ devices, with data volumes of more than 1 Million records per minute, while providing high-performance analytics on 100 Bn+ data records.

We have devised the SEAP solution architecture on the backbone of Azure IoT Platform and the analytics engine powered by the Cortana Analytics suite on Azure.

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