xylem
Let's Solve Water

Data Freestyle with the Xylem Data Lake

The information contained within AMI data is boundless and exceeds simple billing use cases. The challenge many utilities face is accessing, manipulating, and making sense of the gigabytes or even terabytes of data - until now. The Xylem Data Lake provides flexible access to millions of data points that deliver business insights and analytical capabilities rarely tapped into before.

What is the Xylem Data Lake?

At its core, the Xylem Data Lake is a read-only, relational data-store for all your Sensus FlexNet® data. Access your data any place, any time to help optimize and streamline operations through an integrated Business Intelligence tool. Additionally, a Site-to-Site VPN can be stood up to facilitate a direct connection. Decoupled from the head-end system means your integrations and custom reports are kept separate - and secure.

The Xylem Data Lake offers access to device data, customer data, read data, and alarm data – all only a keystroke away.

Use Cases

Track Your KPIs

Whether it is active accounts, resource efficiency, or deployment status; every utility executive has metrics that are important to them. Xylem Data Lake makes it easy to create visually stunning dashboards which can be tailored to the KPIs important to each utility. These dashboards can be shared or, even easier, scheduled for email distribution directly to key constituents in your utility.

Demand Profiles

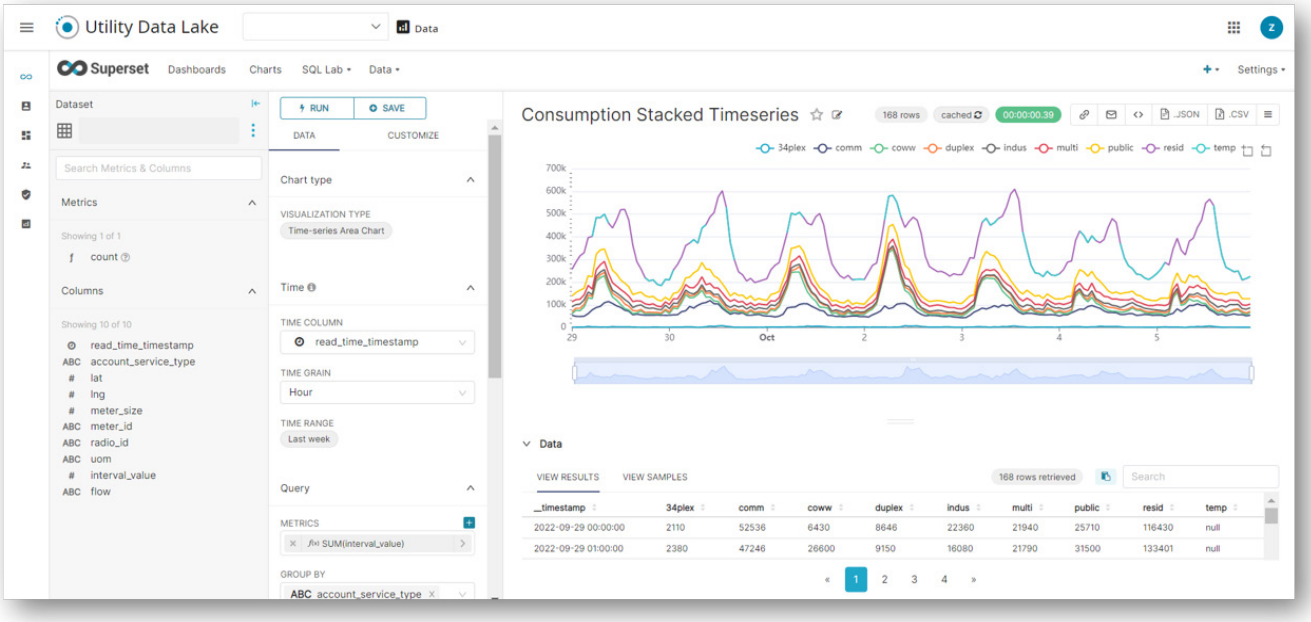
Make infrastructure and rate decisions about your utility easier. Engineers rely heavily on metering data to assess rate adjustments and plan for effective infrastructure. Previously, demand profiles were built up upon assumptions rather than facts. Through Xylem Data Lake, FlexNet offers the opportunity to provide more accurate data to improve accuracy, leading to better decisions.

Asset Management

Create reports that arrange devices by firmware versions to easily track upgrade efforts. Stay ahead of your warranty expiration by utilizing installation date data and prepare financially for replacement needs within your network.

Planning and Production

With the increase in electric car purchases, utilities must plan and prepare for additional strains on their system. But how can you know when or where these situations are occurring? With the capability to analyze historic data and identify spikes in usage vs. historical usage, Xylem Data Lake can provide insight on if a customer has purchased an electric vehicle and allows you to better plan for the needs in your community.



The integrated BI tool facilitates extremely flexible data exploration and reporting.

With Xylem Data Lake, customers have access to a pre-defined, central place for all their data to live. Custom, tailored reports are available at your fingertips to give utilities the flexibility they need to be proactive vs. reactive, offer better customer service, reduce costs, and confidence to make the right decisions at the right time.

Xylem.com | Sensus.com

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