Defining the future of energy.

Utilidata is a global software company committed to modernizing the electric grid. Our innovative software captures unprecedented, real-time intelligence that enables utilities to make smarter decisions—increasing efficiency, improving stability, and protecting the grid.
Our Product

Our Signal Intelligence Engine (SIe) is a digital platform that hosts various applications to help utilities modernize the electric grid.

- The SIe captures real-time data from networked grid devices, including voltage, reactive power, and tap change operations and uses Digital Signal Processing to enable optimal decision making.

- Our SIe server integrates easily into utility control rooms and provides a scalable, flexible approach.

- The SIe’s signature application, AdaptiVolt™, is the market leader in Volt/VAR Optimization (VVO) technology, created by its differentiated, real-time advantage.

- AdaptiVolt™, is a closed-loop control system used for the management of voltage and reactive power on electric distribution systems.

- It consistently delivers 3-5% energy savings for consumers while reducing equipment operations.
How We Interact With the Grid

We provide utility companies unparalleled access to **real-time intelligence** and **system visibility**, while **taking control of grid assets** that operate on the distribution side.

- 3-5% Energy Savings
- Real-Time Data from Grid Assets
- AdaptiVolt™
- Grid Anomaly Detection
- Mitigates Impact of DERs

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AdaptiVolt™: Signature VVO Application
Why Utilities Choose AdaptiVolt™

Powered by the Signal Intelligence Engine, Utilidata’s Volt/Var Optimization (VVO) application, AdaptiVolt™, takes adaptive, coordinated control of distribution system assets to enable utility companies to achieve best-in-class energy efficiency and demand reduction.

- Scalable, Flexible Approach
- Ease of Integration
- Improves System Stability and Reliability
- Mitigates Impact of Distributed Energy Resources (DERs)
- No Consumer Action Needed
- Superior Measurement & Verification

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Customer Results Achieved Using AdaptiVolt™

We're helping our customers stay ahead of today's transforming energy market. We have more operational circuits with automated voltage control than any other company, and we deliver up to 50 percent greater voltage reduction than conventional approaches.

- 3-5% Energy Savings
- 3-5% Demand Reduction
- 30-50% Reduction of Voltage Tap Operations
- Increased Visibility of Distribution System
- Reduced Line Losses
- Rapid Deployment
During a year long testing period, AEP achieved an average peak demand reduction of 1.5 MW which translates to 4.27%.
Accumulated Energy Savings

The market leader in Volt/VAR Optimization, Utilidata and its customers have saved over $500,000,000 kWh since 2005, which is equivalent to:

- Avoiding the emission of 344,776 metric tons of CO2 that would have polluted the atmosphere
- Removing the Greenhouse Gas emissions from 73,000 vehicles.
- Installing 95 wind turbines, which would be the size of nearly 885 football fields.
- Assuming the retail price of electricity for the average US customer is $0.13/ kWh, Utilidata has reduced customer bills by $65 Million over the past decade.
With major utility clients and partners in North America and across the world, Utilidata is expanding its global footprint. The company has a world-class production, research, and development facility at its headquarters in Providence, Rhode Island, USA.