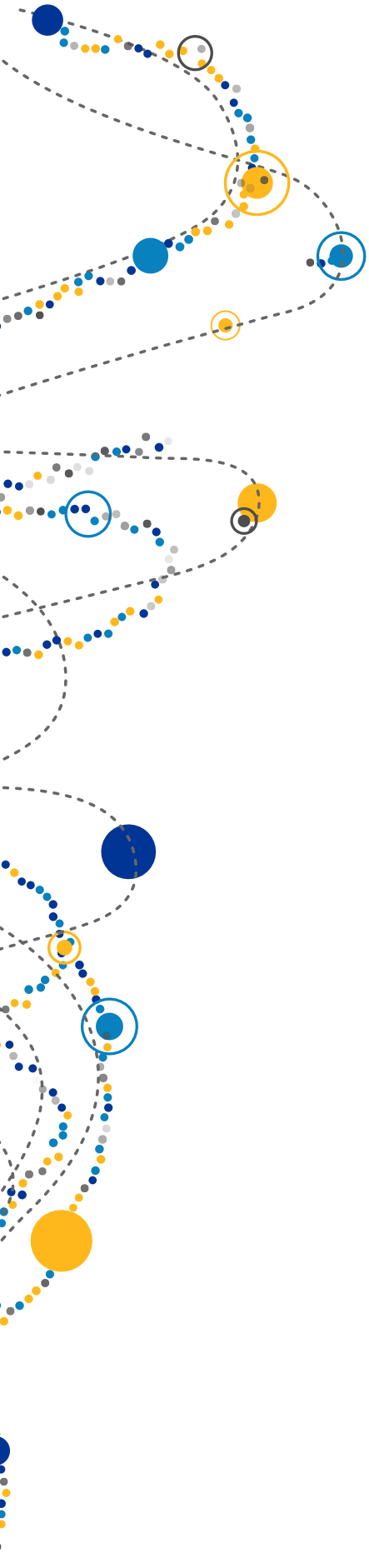
Nothing's out of reach.

MAKING YOUR DATA INSIGHTS SIMPLE, RELEVANT AND ACTIONABLE

Sensus Analytics



SENSUS
a xylem brand



Convert smart data into smarter insight.

Utilities know that collecting the right information from meters and sensors is the best way to optimize a system and make the most of every investment. But the data itself doesn't tell the whole story. It's the process of sorting through this data—the analytics—that reveals relevant, actionable insights to help improve everything from operations to customer service.

Sensus Analytics provides the functionality needed to do just that. Our customizable suite of applications provides user-friendly dashboards that help you make informed decisions quickly and confidently. Our powerful data management tools aggregate information from your AMI, AMR and other sources. A secure connection to the cloud delivers these intuitive apps right to your desktop, tablet or smartphone.

With intuitive applications that are quick to implement and easy to use, you can rely less on IT resources. And role-based access allows service providers to share information across the organization for improved productivity, operational efficiency and customer satisfaction.

Experience tailor-made analytics for tailored results.

Data analytics is not a one-size-fits-all strategy. So Sensus Analytics offers you the flexibility to buy single applications or pre-bundled packages of our most popular apps to ideally fit your business needs. With Sensus Analytics, you have the power to extract value from your data through our industry-proven descriptive analytics. Not only can you see where you've been and where you are now, but you can also perform predictive analytics for actionable insights on what may happen in the future.

It's a good day when the power is on, the water is clean, and gas is safely flowing. Sensus Analytics gives you the foresight and insight to make every day a good day.

Sensus Analytics is the heart of our smart utility technology.



Big data is a big deal—but it doesn't have to be intimidating. Our advanced analytics provide all the number-crunching you need in an intuitive user-friendly approach to take your utility to the next level of smart. Here are just some of the valuable benefits:

App-based
Each purpose-built application accesses data from multiple systems and presents it in user-friendly dashboards.

Affordable
Our flexible packages allow you to buy as many or as few apps as you need to meet your business goals. And when things change? No problem. Just add another app to your existing Sensus Analytics system without any hassle.

Accessible
Our secure, cloud-based delivery platform puts your information within reach no matter where you are.

Real-time Analysis
Applications are continuously updated as information enters the system, so you can make decisions based on the latest data.

Scalable
Our Data Store, along with three years of cloud-based storage, enables you to add applications or increase storage quickly—often in hours.

Integration-ready
Sensus Analytics draws information from many systems through the cloud, so little time and cost are required for standard systems integration.

Visible
Role-based access allows information sharing across the organization—from customer service and operations to accounting and rates—for improved efficiency and cross-functional understanding.

Secure
Guided by dedicated security teams, backed by best-practice policies and strict standards, and committed to swiftly handling evolving risks, Sensus meets the existing and future security needs of our utility customers.

Sensus Essential Analytics

Ready. Set. Mobilize.

Sensus Essential Analytics is a bundle of applications to quickly provide the core meter data management performance you need without the high cost, commitment to enterprise-wide integration or seemingly endless learning curve.



Admin

A management tool for system-level settings including access and privileges, device groups, billing calendars and more.



Report Access

A business intelligence tool that offers a menu of reports that instantly summarize the information you need to know right away.



Device Access

A customer service tool that, combined with account and customer information, presents detailed usage history and trends, identifies anomalies and enables custom alert programming to track specific issues.



Billing Access

A billing interface tool that previews and audits billing extracts for issues, enabling the utility to take corrective action and then generate final billing files for production.



Meter Insight

A dashboard providing a summary of incoming network, account and meter data to identify and prioritize issues needing to be addressed.

Validation, estimation and editing. This is not your grandfather's VEE.

With the Sensus FlexNet® communication network, you're getting data at over two times the power of competitive systems. The need for many of the historical features of VEE becomes obsolete when you're running an accurate, reliable system. Many components of VEE are built right into our architecture and software. Our private network means you'll never have transmission interference or have to share frequencies. Designed for 100% coverage, even during major storm events, your data is transmitted securely and reliably over spectrum that is protected by federal law.

Sensus doesn't just meet the intent of VEE. We do it better.

Sensus Enhanced Analytics

Ready. Set. Analyze.

In addition to the key features found in Essential Analytics, Sensus Enhanced Analytics also provides alarm management capabilities. Go beyond billing applications to get true insight on system performance and health.

Alert Manager

A notification tool to immediately alert individuals, teams or key customers on conditions such as high temperature, high/low voltage, power failure/ restoration, leakage and tampering.

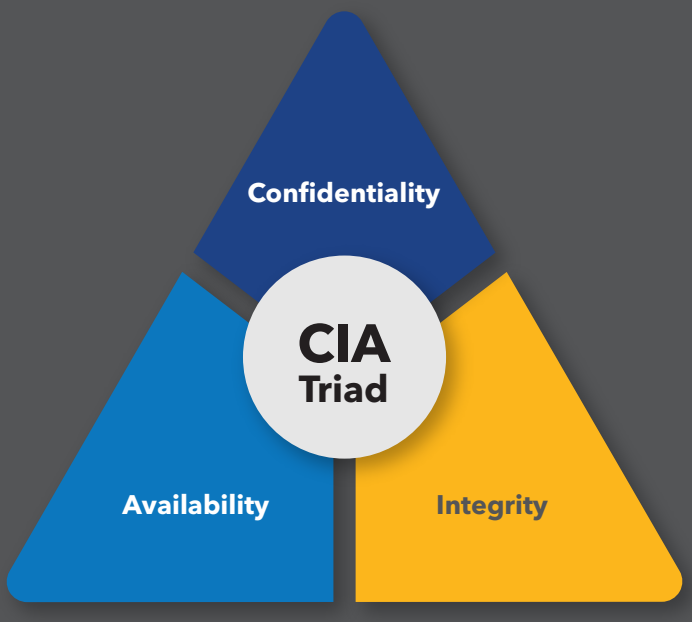
Alarm Insight

A monitoring tool for your entire system with near-real-time alarms, allowing you to drill down into individual events, view historical data and map the alarm events to watch event trends.

Secure by design

All Sensus solutions have been designed and built from the ground up to provide end-to-end security protection. Our security policies and practices are continuously driven by customer feedback, industry standards and best practices, and emerging and potential threats. Our security controls are rigorously guided by the requirement to maintain the "CIA triad":

- **Confidentiality** of data
- **Integrity** of data
- **Availability** of services



Sensus Advanced Analytics

Ready. Set. Customize.

Sensus Advanced Analytics is a flexible option that combines our easy-to-use applications and professional services to create a solution tailored for your needs. In addition to the key capabilities found in Essential and Enhanced, Sensus Advanced Analytics offers additional features and lets you choose the right applications to best fit your business needs.



Unbilled Insight

A forecasting tool providing an up-to-date view of service delivered but not yet billed, so you can accurately predict future revenue for upcoming billing cycles.



Energy Insight

A tool providing a "bottom up" view of loading along the circuit, enabling an unprecedented view of your system that allows you to understand what is being asked of the distribution design.



Transformer Utilization

An aggregation-based tool to determine potential transformer failure and help right-size installations. Coming soon: tools that expand analysis to additional devices including fuses and switches.



Voltage Insight

A tool uncovering opportunities where you can lower and balance voltage across your distribution territory during high-use periods and reduce the need to purchase energy at expensive peak prices.



Outage Management

A tool to display all active outages and recent restorations. Enhanced reporting capabilities will be added soon.



Acoustic Monitoring

An acoustic leak detection analysis tool used in conjunction with PermaLog devices to identify leaks in distribution systems.



Hidden Revenue Locator

A perfect application for a water meter testing and replacement program, this app examines meter inaccuracies to identify apparent losses. This solution empowers proactive revenue recovery and operational efficiencies through identifying meter under-performance due to under-registration, meter read errors and incorrect meter sizing.



Service Management

COMING SOON!

A tool providing remote shut off and activation of large numbers of valves inside Sensus devices. In contrast to tools for Field Technicians, this application is designed for Customer Service Representatives or others working from an office.



Daily Reads

A data collection tool for daily time-dependent meter readings. For example, reconciling rate vs. consumption for utilities working with transportation customers.

Smart City Innovations

Utility systems are fundamental to every city, and smarter management of this infrastructure is the foundation for any smart city. Go beyond metering to true intelligent resource management and monetization of your assets.

With Sensus Smart Gateways, the FlexNet® communication network and Sensus Analytics, the potential of smart is endless.

Analyze data from more than 100 types of sensors, including temperature, pressure, depth, distance, light, smoke and more.

- Make sure storm drains are clear before possible flooding
- Know when city garbage cans are full and need servicing
- Enable drivers to find open public parking spaces
- And discover many, many more smart city applications

We give you the tools to build your smart city. Only your imagination and innovation set the limits.

Sensus Analytics and the Customer Portal enabled Cedar Park, Texas, to quickly catch continuous flow, sending leak alerts and tier-billing information to residents. In the first year, the water municipality saved $67,000 and 15 million gallons of water.

$67,000

15 million gallons

Customer Portal

Engage customers for smart impact.

Sensus Analytics Customer Portal is a web-based, custom-branded, interactive application for utility consumers. This intuitive portal provides virtually everything a consumer needs to understand consumption patterns, correct current issues and make more informed decisions about future usage. Customer Portal also serves as an additional communication channel for the utility to provide enhanced customer service.

Customer Portal provides the consumer with the most current data available—the same data that the utility customer service representative is observing in Sensus Analytics. For example, a customer can see hourly water consumption down to a gallon, updated every four hours. No other utility analytics package on the market can provide this level of speed and detail. Your customers can use this information to set up alerts for managing daily usage, billing cycle usage and even vacation alerts.



Helping drive the success of your business.

Sensus Analytics goes beyond data analysis to streamline your entire organization's workflows and create more efficient operations. Sensus Analytics combines analytical information with business processes to enable smart and fast data-driven decisions for improved service and revenue.

While other software packages are designed for all industries and built for users with a high degree of expertise or years of experience, Sensus Analytics is made by utility experts for utilities. We know every utility is unique, so our software is right-sized and flexible—and you don't need to be a statistician or data scientist to use it. Our approach provides applications targeting daily utility functions that make managing the AMR or AMI system an integral part of managing the utility's existing goals.

With Sensus Analytics, you can focus on what you really want: near-real-time analysis of data to understand trends, improve operations and enhance customer experiences.

Prepare and execute billing on meters

Support customer service

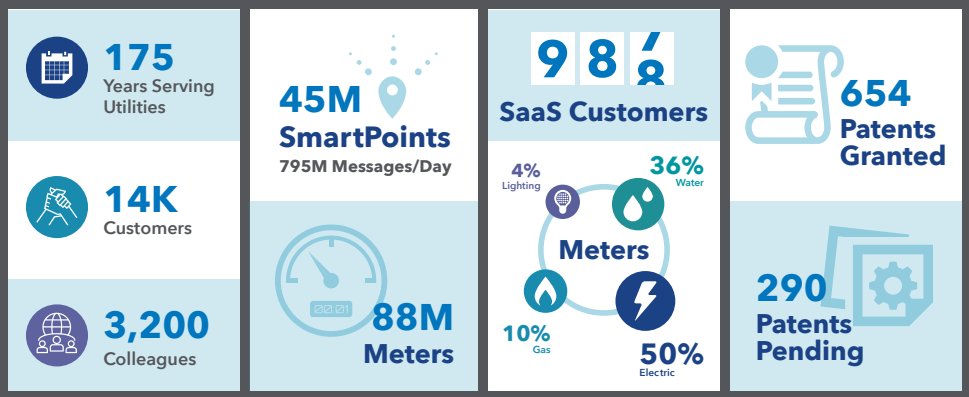
Maintain and manage meter performance and data

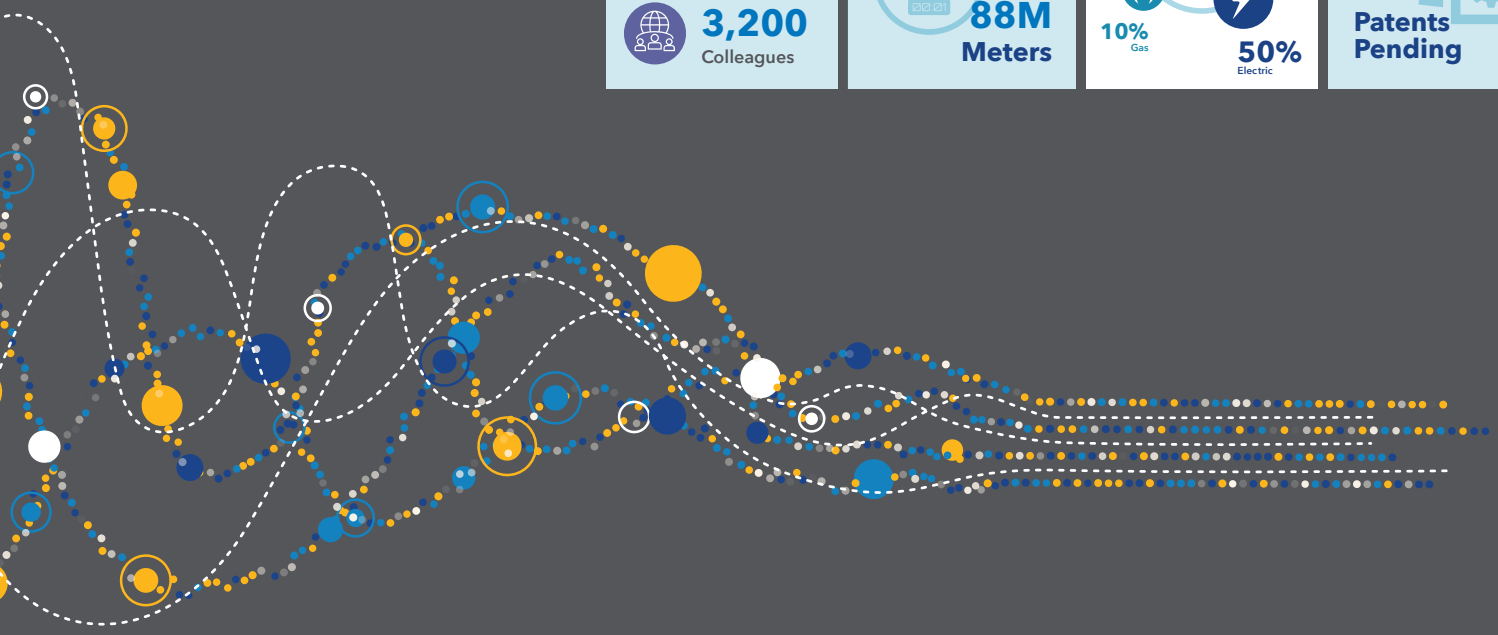


About Sensus

Sensus, a Xylem brand, helps a wide range of public service providers–from utilities to cities to industrial complexes and campuses–do more with their infrastructure to improve quality of life in their communities. We enable our customers to reach farther through the application of technology and data-driven insights that deliver efficiency and responsiveness. We partner with them to anticipate and respond to evolving business needs with innovation in sensing and communications technologies, data analytics and services. Learn more at sensus.com and follow us on Facebook, LinkedIn and Twitter through @sensusglobal.

Sensus by the numbers





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