

FlexNet: A Dedicated and Secure Two-Way Communications Network

FlexNet communication networks are proven platforms that deliver reliable, scalable, secure data that helps utilities to operate efficiently and provide better service to their customers.

With near real-time data from a FlexNet network, you can proactively monitor and manage your services to identify any issues, such as water leaks and power outages, and quickly respond to them to restore your services and improve operational efficiency.

What is FlexNet?

Unlike other utility networks that operate on costly power line infrastructures or low-powered, shared radio frequencies, FlexNet technology offers dedicated radio spectrum that is protected by law from interference. Running your network on dedicated spectrum delivers better performance and other important benefits, including:

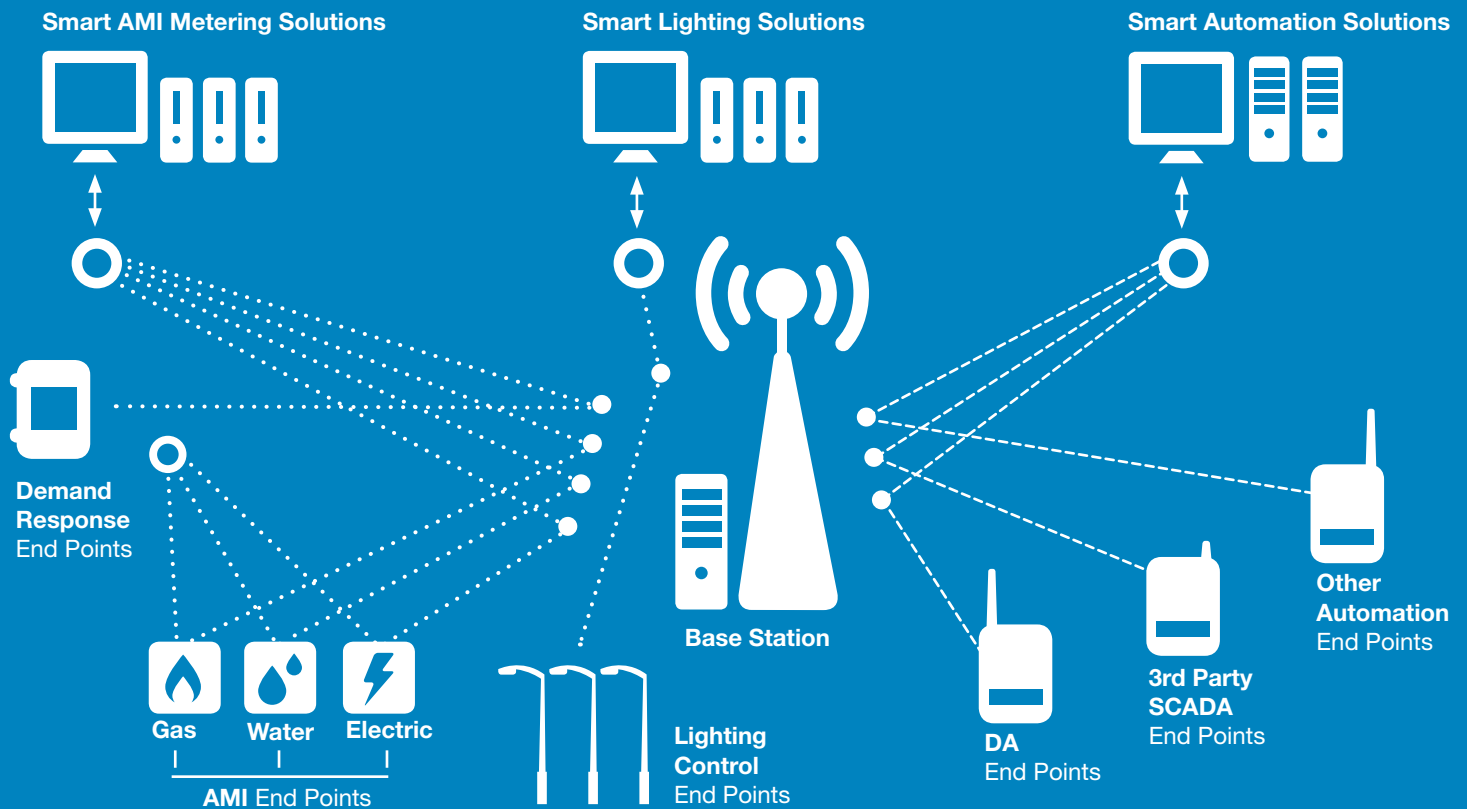
- **No frequency sharing**, which means no interference with data transmission - giving you 100% control of your data transmissions. While other networks fight interference and signal noise in shared bands, our network transmits with a clarity and security that is protected by regulation
- **The highest signal power and range in the industry.** Our two way end-points can transmit at up to two watts – potentially 10 to 1000 times more power than devices on unlicensed point-to-point spectrum
- **FlexNet networks are designed for high service level agreements**, typically greater than 99% connectivity even to end-points located in difficult locations. FlexNet networks regularly achieve 99%+ performance at ranges up to 5km in urban areas and 20km in rural areas
- **More reliable communications.** Our network's dedicated highway for data transmission makes communication more reliable than other systems that require channel hopping over radio frequencies. FlexNet controls the radio spectrum it operates in, knows when and how frequencies are being used and acts to maximise performance and to allocate resources efficiently
- **Geographical footprint.** FlexNet operates equally well across all terrain types be that rural or urban, sparsely populated or densely populated, flat or mountainous, residential property or commercial property. End-points can be located deep inside buildings, in underground pits or within high rise accommodation. There is no need for repeaters

Improve operational efficiencies and quickly identify leaks, tampering, equipment problems, outages or other abnormalities using the customer data you collect. This true two-way network also lets you remotely update/upgrade SmartPoint® modules, conduct on-demand readings and disconnect/connect devices. The range of the point-to-multipoint network reduces the number of access points required to capture and transmit data. Using the FlexNet communication network, you can also support multiple applications, which increases both operational efficiency and customer engagement.

With 99.5% connectivity, FlexNet provides utility-grade, proven, dedicated communications solutions around the globe, offering measurable business benefits first time, every time. How smart is that?



FlexNet Smart Utility Solutions Platform



Benefits to you:

- Delivers accurate, reliable and quality service to your customers
- Ensures reliable performance through use of dedicated license radio spectrum
- Future proofs your investment through support of future data requirements
- Easily integrates with current systems
- Delivers multi-application network and lets you add new services and solutions as needs arise
- Point-to-multipoint design reduces infrastructure cost and strengthens network performance
- End-points transmit up to 2 watts of power to extend network reach-up to 20km -whilst maintaining 99%+ performance levels
- Built on open standards and APIs for easy interface with third-party applications and platforms
- Leverages tower-based architecture for redundancy and less infrastructure to buy, deploy and operate
- Improves operational efficiency and conserves resources
- Extremely high "connection first time" installation success rates for meters

Benefits to your customer:

- Ensures accurate bills
- Helps customers understand their usage behaviour
- Delivers consistent quality service

About Sensus

Sensus helps water utilities, energy providers and cities do more with their infrastructure to improve the quality of life in their communities. We enable our customers to reach further 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 communications technologies, advanced metrology, data analytics and services.



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