



ally: Beyond the Meter

The new ally® water meter combined with the FlexNet® communication network and a suite of Sensus software applications takes the smart meter evolution to smart water solutions. The ally smart water solution goes beyond the meter to help you measure smarter, communicate better, analyze easier and improve revenue and efficiency.

The Smart Meter Foundation

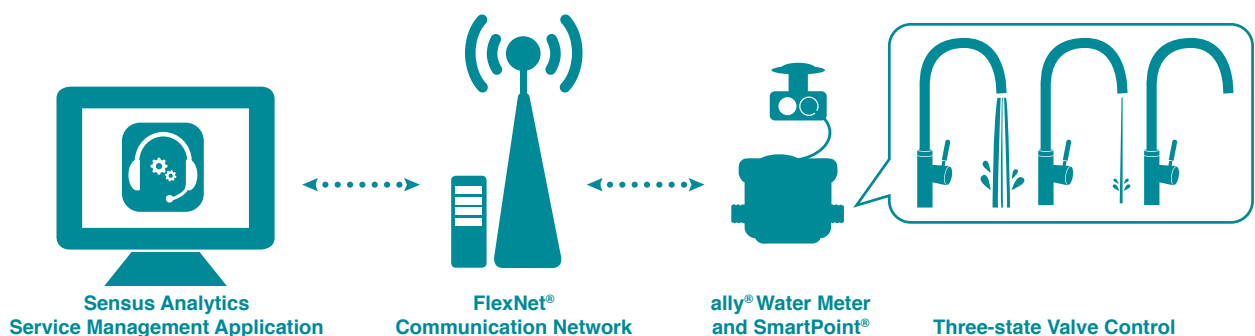
At the heart of the ally smart water solution is the ally water meter. Intelligent in both design and the technology applied, this meter sets a new performance standard for smart water meters. The electromagnetic technology provides a greater accuracy range, capturing residential revenue at lower flows than meters that apply mechanical or ultrasonic methods. The built-in three-state ball valve enables remote service shut off, turn on and reduced flow, adding greater efficiency to your utility service operations. Several smart alarms quickly alert your utility personnel to potential issues within the distribution system. They detect empty pipe, magnetic tampering, low battery, customer leaks, reverse flow, high flow, and water pressure and temperature exceeding or falling below set thresholds.

Communication within a Powerful Network

The FlexNet communication network provides two-way communication that enables your authorized personnel to both take action and get confirmation of the action completion. Over the dedicated, licensed spectrum, your utility can transmit data faster to the meter and back. FlexNet also helps future-proof your meter investment by enabling remote meter configuration and firmware updates. Additionally, the network is scalable to support both smart water and smart city applications, creating endless possibilities to meet future demands.

Enhanced Operation through Software Applications

Completing the ally smart water solution are Sensus software applications that enable operational efficiencies within different parts of your utility.





For office personnel, the Sensus Analytics platform provides the Service Management and Device Manager Applications. The Service Management Application allows authorized utility office personnel to easily manage bulk remote shut-off jobs. This capability adds efficiency to address issues such as:

- High maintenance accounts
- High turnover properties
- Vacation/seasonal properties
- Properties requiring multiple inspections

For utility maintenance personnel, FieldLogic™ Software Suite and the Device Manager Application provide interfaces to:

- Configure and program your system
- Upgrade firmware remotely to the meters and SmartPoint® modules
- Install and activate new meters with ease
- Troubleshoot and perform other maintenance tasks

For utility management, the Pressure Profile Application within Sensus Analytics provides better pressure management across your water distribution system. With pressure data available from the meter or account level, your distribution management team can make better decisions for optimizing pressure zones and improving customer service. This can result in extended asset life within the distribution network from proactive detection of high pressure, which is potentially pipe damaging. Pumping costs can also be reduced by maintaining service line pressure as the data can help determine

where to install pumps and when to run them.

By going beyond the meter to the ally smart water solution, you can protect your utility's revenue and improve operations with these benefits:

- Improve service management
 - Prevent unauthorized use
 - Decrease non-revenue use
 - Provide faster customer leak awareness
- Reduce risk from high maintenance accounts
 - Turn service off and on faster
 - Prevent tamper
 - Decrease bad debt write-offs
- Protect your distribution network assets
 - Optimize pressure zones
 - Validate water pressure
- Maximize utility personnel allocation
 - Reduce customer service processing time
 - Resolve billing disputes
 - Turn off/on documentation
 - Reallocate field resources
 - Reduce truck rolls
 - Develop a leak detection program
- Accelerate meter and distribution network issue resolution

Learn more about the components of the ally smart water solution. Visit sensus.com/ally to further explore the ally water meter, FlexNet communication network and Sensus Analytics software applications.



637 Davis Drive
Morrisville, NC 27560
1-800-638-3748
sensus.com

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