

StonewaterControlSystems

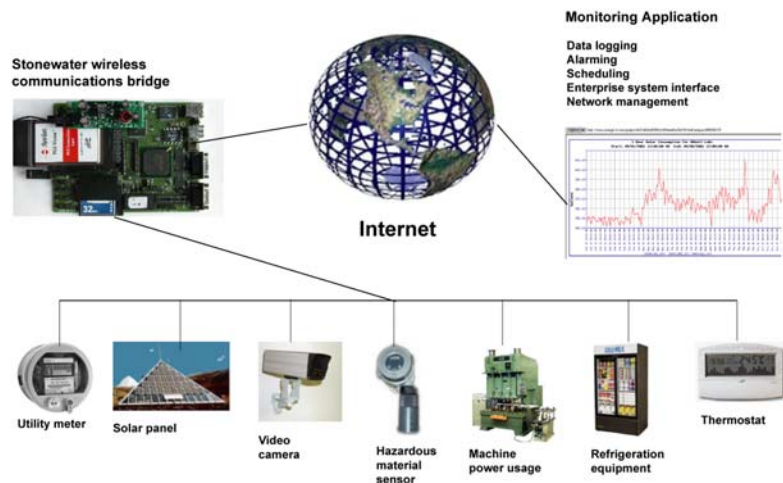
Wireless Communications and Security Bridge

The Stonewater Wireless Communications Bridge connects meters and other energy monitoring devices through a secure firewall to the Internet. Combined with Stonewater's hosted Energy Management System, it gives utilities and energy consumers a low-cost, easy-to-install way to monitor and control energy use in real time.

Stonewater acquires data via multiple modes of communication: telephone, wireless, network cable, VPN... whichever is appropriate for a specific installation. Due to Stonewater's efficient data packet structure, wireless data transport is now cost-competitive with wire-based communications. Stonewater's wireless data acquisition and hosted software application require no investment of time and resources on the part of an enterprise IT department.

In addition to electricity, gas and water, Stonewater is capable of displaying environmental parameters, critical system status and other data from multiple distributed sites on one screen. The ability to flexibly aggregate data from divergent sources is a

powerful management tool for establishing best practices and implementing a complete energy management strategy.



Stonewater's Wireless Communications Bridge connects meters and other sensors to Stonewater's hosted Energy Management System via the Internet.

Key Features of Stonewater's Communications Bridge:

- Protocol translator connects the Communications Bridge to many different meters, sensors and control devices.
- Two-way communications to the NOC for near real-time monitoring, device control and data aggregation.
- Integration to the NOC for communications monitoring, data integrity, remote configurations and upgrades, and troubleshooting of all edge devices.
- Data compression.
- Secure data transfer via SSL and encryption.
- Internal firewall.
- Communications and data transport redundancy.
- Data archiving.
- Alarming and notification.

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