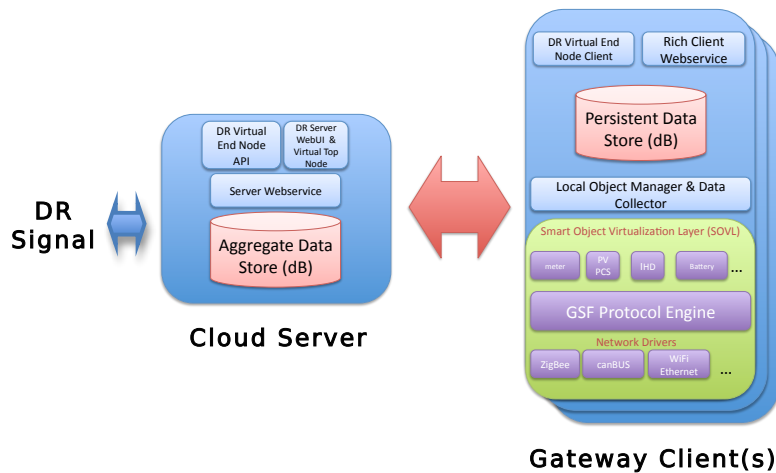


Smart Edge Energy Management Solution™

Fully integrated multi-protocol application gateway and DR aggregation system



Wireless Glue Networks' Smart Edge Energy Management Solution™ enables customer premise connectivity, control, and data access of loads, renewable energy resources, meters, and embedded devices. Each Smart Edge gateway allows renewable energy resources such as photovoltaics, batteries, inverters and power control systems to all exist within one gateway solution with an advanced user interface for Google Android™ and Apple iOS™ smartphones and tablets.



Utility operators can access aggregated data and dispatch DR signals to optimize energy usage on site. The Smart Edge is a fully customizable solution to meet smart grid™ connectivity needs.

For more information contact:
info@wirelessglue.com

Specifications

Smart Meter Support

- ZigBee Smart Energy Profile Smart Meter Connectivity
- Reads real-time electric instantaneous and cumulative usage data directly from Smart Meter
- Retrieves utility broadcast information from Smart Meter or gateways
- Price messaging from Energy Service Portal
- Time Synchronization

Distributed Energy Resource Support

- Inverter and Power Controller connectivity with CAN bus
- Connectivity to Battery Management System

Direct Load Control and Automation

- ZigBee Smart Energy Application Profile enabled

User Interface

- Android 2.1, 2.2, 3.0 and iOS App
- Back-office operator browser interface for aggregated energy and demand response dispatching

Service Interface & Frameworks

- Aggregated Virtual End Node for Demand Response dispatches and Load information on cloud server
- Direct Load Control and renewable resource connectivity via local network
- OpenADR 2.0 / Energy Interoperability 1.0 Compatible
- OSGi R4.2/SPRING-DM

Protocols Supported

- ZigBee Smart Energy OpenADR 2.0
- WiFi Ethernet OAUTH 2.0
- CANBUS Expandable

Supported Hardware

- x86 CPU ARM Cortex A8, A9, A5
- Many other platforms