

myGENcare Residential Generator Management Solution

Ayantra - a leading developer of remote asset management products - has created a solution for managing residential generators.

The Challenge:

Residential generators should be carefully monitored to ensure that they will perform when needed. An effective monitoring solution should report the following:

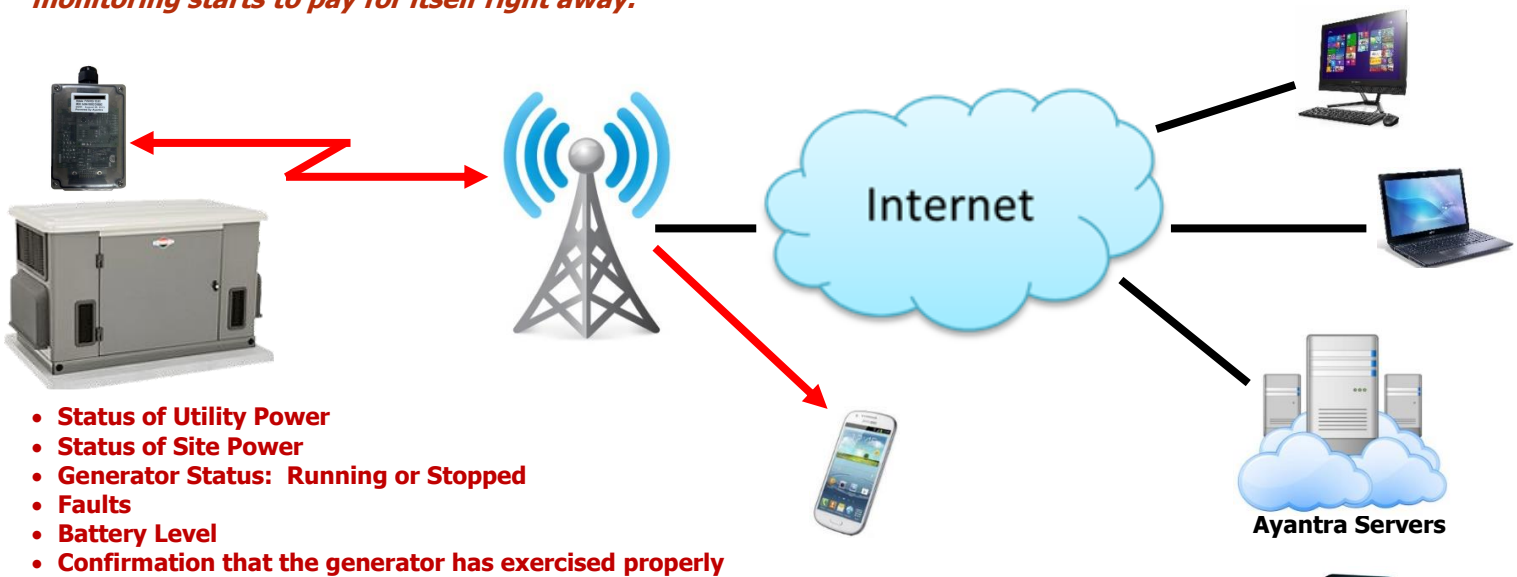
- Availability of Site Power
- Availability of Utility Power
- Generator Status - Running or Not Running
- Generator Fault Status
- Battery Level
(preferably the "true" battery level without assistance from the battery charger)

In addition, an effective generator management solution should be easy to install, easy to use, and attractively priced.







The Solution:

myGENcare is a web-based wireless monitoring system for managing residential generators. myGENcare can support any make or model of generator. **With the average cost of a truck roll @ \$75 or more, remote generator monitoring starts to pay for itself right away.**



The total solution consists of:
















-  **A myGENcare monitoring unit** installed on the generator
-  **myGENcare-provided wireless messaging services**
-  **A myGENcare-provided website** to deliver information about each monitored generator
-  **A smartphone app** to allow homeowners to easily manage their generator, at any time and from any location



Smartphone app

myGENcare Residential Generator Management Solution

Key Features:

-  **CAPABLE OF SUPPORTING ANY MAKE OR MODEL OF GENERATOR**, including Briggs & Stratton, Generac, Kohler, GE, and others.
-  **SENDS DAILY UPDATES plus ACTIVITY-BASED UPDATES:** Each myGENcare monitoring unit sends a regularly-scheduled update each day, plus activity-based updates as events occur.
-  **AUTOMATICALLY REPORTS ESSENTIAL INFORMATION:**
 -  **Availability of Site Power**
 -  **Availability of Utility Power**
 -  **Generator Status** (Stopped / Running)
 -  **Generator Faults**
 -  **Battery Level** (the optional Tru-Batt system reports battery voltage w/o assistance from the battery charger)
-  **BATTERY REPORTS / BATTERY ALARMS:** Each myGENcare unit constantly monitors the generator battery, and issues immediate alerts if the battery should begin to fail.
-  **REAL-TIME FAULT REPORTS AND ALERT NOTIFICATIONS:** The myGENcare monitoring unit can be connected to the generator controller to report Common Alarm Faults. Each Fault event can trigger real-time Alert Notifications sent as text messages and/or as email messages directed to specific recipients.
-  **VERIFY EXERCISE EVENTS:** The myGENcare system automatically reports if a generator has failed to run for at least five minutes during the specified exercise interval, and can even send Alert Notifications for "Failure to Run."
-  **MAINTENANCE REMINDERS:** myGENcare can send "Service Due" reminders as the generator approaches its service interval. Service intervals are user-configurable by Date and/or by Engine Run-Hours. The "Service Due" reminders can be sent as text and/or as email messages to specific recipients.
-  **ENGINE ON / OFF UPDATES:** The myGENcare monitoring unit automatically reports each time the generator is turned ON and OFF. Each "Engine ON" event can trigger an Alert Notification sent as a text and/or email message.
-  **REAL-TIME UPDATES:** Authorized users can collect up-to-the minute updates from any machine, at any time.
-  **SMARTPHONE APP:** Authorized users can utilize their smartphones to manage their generators, at any time and from any place with cellular service. Smartphone apps are currently available for iPhone and Android smartphones.



Smartphone app

Hardware Specifications:

❖ Physical:	5.00" x 3.50" x 1.55"
❖ Power:	8 - 32 volts DC
❖ Power Draw:	
Active:	65 mA (typ) @ 12V
PowerSave:	40 mA (typ) @ 12V
❖ Environment:	
Monitoring unit - Operating:	-32°C → +60°C
Monitoring unit - Storage:	-45°C → +85°C
❖ Humidity:	0 - 95 RH @ 40C
❖ I/O Ports:	
Input Ports:	3 inputs (not configurable)
Output Ports:	None



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Note: this product incorporates unique Patented and Patent-Pending technologies developed by Ayantra
Specifications subject to change RES- ver 4.2 (Sept. 2018)