



Why your business needs

**GENSET**

Monitoring System



## Why your Business Needs HyperNet Genset Monitoring Solution

The most sought-after solution. HyperNet Smart Genset Monitoring solution is an intelligent and robust solution that helps you reduce operational charges.

### What is a GENSET:

[HyperNet Genset Monitoring solution](#) is a breakthrough technology that helps make generators more efficient and durable. In addition to sensors, monitors are installed on generators that provide

feedback on performance metrics, including voltage, run hours, and fuel level, among others. The server receives these readings via a gateway device, relying on all the essential information. All the data is then consolidated and transferred to the IoT hub for data processing, analytics, and generating reports. Reports include total runtime utilization, fuel, maintenance, and generator status.

- **Power generation reports:**

Our Genset monitoring system allows the customer with energy load statistics as well as relevant reports on fuel usage that aid in identifying the generator's condition.

- **Monitors fuel level**

Fuel levels, fuel consumption, coolant levels, engine temperature, and RPMs are all measured, so are the excessive noise levels, power output, and power capacity utilization.

- **Calculate running time**

Determines how long the diesel generator can operate on present fuel and a fuel power reserve at a certain load level. This allows for precise refueling planning, avoiding an emergency stop.

- **Fuel theft alerts**

All issues are notified in real-time which include min/max threshold fuel levels, fuel theft, pilferage alerts, a sharp decline in gasoline, door status alerts, and fuel cap alerts.

- **Detect Faults & alerts**

The system will notify you with Email/SMS alerts when a malfunction is detected, and turn on alarms.

- **Control from Anywhere**

Remotely control your diesel generator from any location. Turn on and off single and multiple generators from any location and even schedule specific times to do so. Giving you full control over your power needs

### **What makes it different?**

There are a lot of GENSET solutions but few are effectively solving the energy challenges and making an impact. Many solutions are only implemented based in a silo manner with limited practical business applications. They have not integrated important sensors, hardware for data integration, leaving managers in the dark for making critical decisions.

HyperNet GENSET monitoring system ensures that all essential data is acquired and transferred to the analytical engine for actionable insights. Providing more visibility to the users of the present state of the generators.

- **Genset Active Time Logging**

It is important for the users to know the active run time of the generators and the precise time duration the generator is switched on. HyperNet's GENSET solution automatically logs generator starting and shutting time. It also provides a detailed report on the past schedule of the active run time for better time and fuel analysis.

- **Historic Fuel Consumption Data**

Be informed about the fuel consumption and energy generated by viewing the historic fuel consumption data on the HyperNet GENSET monitoring system. The powerful analytical engine provides users with Fuel capacity(Gal), Available fuel (Gal), Fuel level (%), and much more.

- **Energy Consumption Analytical Insights**

Generators that consume a lot of fuel are a cause for concern. However, if you have the HyperNet Smart Genset Monitoring Solution, you can keep track of your energy costs with the energy consumption analytics generated by the solution. Receive real-time notifications regarding peak loads, excessive consumption and much more.

- **Maintenance Report**

Diesel generators are complicated machinery comprising of various sensitive parts and components that require periodic maintenance, such as fuel filter, transfer switch, oil filter, etc. GENSET solution makes it easier for the user to create a maintenance log sheet, about the servicing of each part and when is it due. Prompting users to make proactive maintenance to avoid downtime.

- **Fuel Fill-up Reports**

Generator fuelling is arguably the most expensive and important part of the operations. HyperNet GENSET monitoring makes it easy to view the fuel fill-up schedule and next fuelling date. Preventing fuel pilferage and leakage and reducing significant operating expenses

### **About Us:**

At [HyperNym](#), We accelerate innovation through our secure, efficient & customizable smart IoT solutions, products, and services that will help your businesses to thrive in the digital world. We provide SaaS IoT applications to address the difficulties confronted by enterprises, by empowering their businesses and industries. We are a family of brave, talented, and daring teams that have an ultimate desire to transform your ideas into real IoT solutions.

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