

Generator Remote Monitoring



Power generation equipment is essential for Primary, Temporary and Backup power. There is zero tolerance for failures or delays in providing power.

- Primary- In many areas of the world, it is the only power source and therefore must be maintained to operate continuously.
- Temporary- Rentals and intermittent use for construction, event or episodic use.
- Backup- Standby power generators must be reliably functional, and when needed – immediately and automatically react.

• Solution Features

• Generator remote analysis

- Performance analysis
- Trends
- Special events

• Generator monitoring:

- Battery voltage
- Engine/Standby hours
- Temperatures/pressures
- Engine speed
- Power monitoring

• Fuel monitoring:

- Fuel amount
- Refueling events and amount dispensed
- Fuel consumption rate
- Theft detection

• Operation:

- Operator ID
- Real time location
- Remote control

• Preventive maintenance

• Peripherals - On-site additional sensors

• Reporting

- Automatic alerts to back office, e-mail and mobile phone data parameters
- Operational reports
- Option for real-time video solution
- NOC interface

Galooli offers a unique generator remote performance and analysis solution, as part of its energy optimizing solutions.

• Operational Benefits

- Business continuity/revenue protection-preservation
- Increase operational uptime
- Maintain uptime of mission critical equipment

• Cost Reduction

◦ Operational Expenses (OPEX)

- Save on unnecessary and false refueling/maintenance trips
- Maintain equipment and peripherals in optimal condition
- Early and rapid detection to support reaction to remote site events
- Early warning of equipment operational deviations-reprioritize preventative maintenance across the fleet
- Reduce generator fuel consumption
- Detect and monitor fuel “shrinkage” and fuel invoice errors

◦ Capital Expenses (CAPEX)

- Monitor, manage and maintain equipment to increase its life cycle

