

Generator Monitoring and Reliability Services

Mitigate the effect of power outages through improved control and generator reliability

Monitoring service

Mobile application

- Single view of all generators' performance
- Desktop and mobile
- Realtime generator monitoring
- Push notifications
- Full history of all generator parameters and selected alarms
- GPS tracking (mobile generators)

Reporting

- Realtime dashboard
- Data trending
- Summary of events
- Monthly reporting
- Fuel usage

Maintenance system

- Automated notifications for refuelling
- Custom alarm triggers
- Flexible maintenance strategies

Reliability service

24/7 Monitoring and response

- Monitor and action alarms
- Actively monitor fuel levels and provide proactive notifications
- Liaison with client personnel
- Technical support team
- Asset management expertise

Preventative maintenance

- Monitor running hours
- Service scheduling
- Load testing scheduling

Reliability Engineering and Analytics

- Comprehensive data analysis
- Benchmarking
- Trending
- Early failure detection



Key industry challenges

Generator reliability issues

- Controller not in Auto mode
- "Emergency Stop" activated
- Battery flat or stolen
- Missing generator services
- Switchgear not functioning correctly

Impact of poor maintenance practices

- Remedial work not managed
- Fluid levels or leaks not monitored
- Maintenance work quality not confirmed
- Warranties not tracked or managed
- Inspections not performed as maintenance plan
- Load tests not conducted

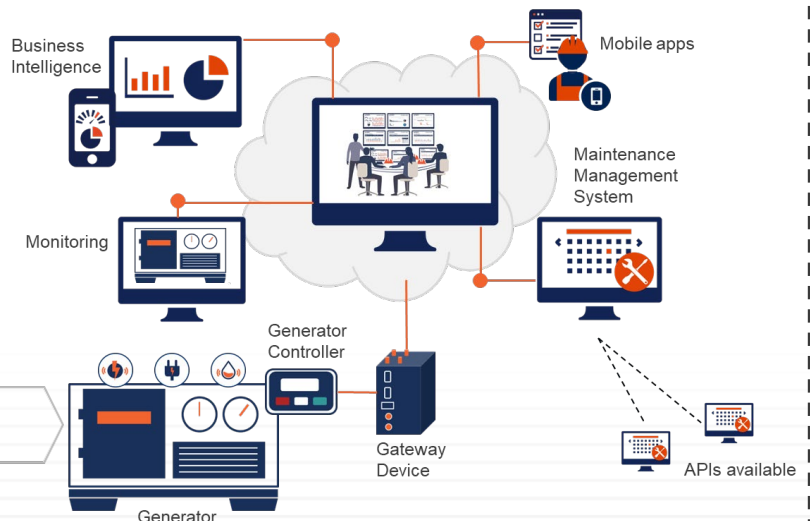
Cost transparency and predictability

- Lack of historical budget information
- High cost of reactive maintenance
- Servicing not done when specified
- Overcharging for maintenance

Running out of fuel

- Managing fuel levels
- Planning and scheduling fuel deliveries

Remote generator monitoring



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Value add

Prioritised risk management

- Realtime overview of all generators.
- Assurance of generator readiness when needed.
- Load testing conducted as required.
- Scheduled and controlled services and remedial work.
- Monitoring and control of fuel levels.
- Reduction in human error.
- Monitoring of operating parameters and prompt action when limits are exceeded.

Improved cost transparency

- Planned, benchmarked and controlled maintenance spending.
- Fuel theft identification.
- Improved capital expenditure (Capex) planning.

Improved business sustainability

- Efficient implementation of digitised maintenance processes.
- Continuous monitoring of asset readiness.
- Extended generator lifespan.
- Provision of critical information to enable agile decision-making.

Improved generator availability

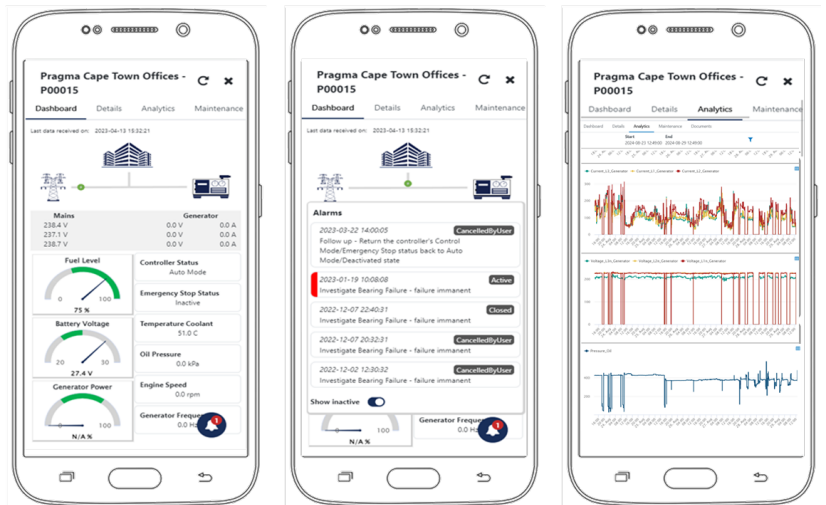
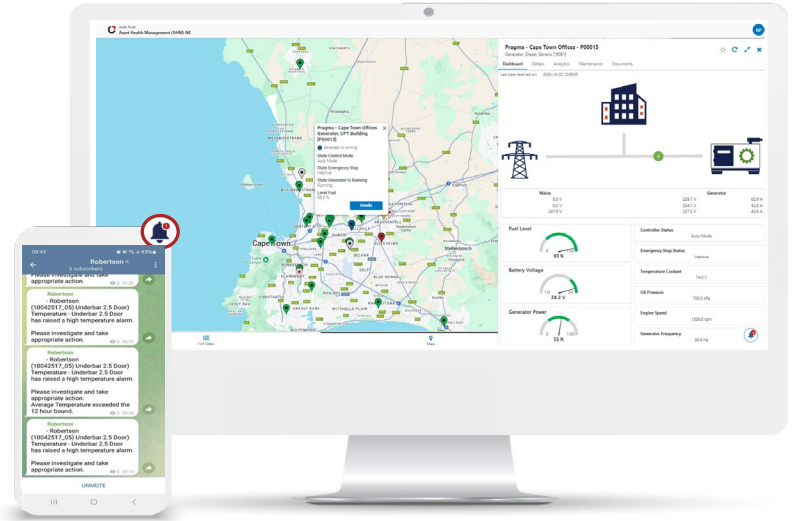
- Monitoring of generator performance with the provision of health warnings.
- Identification and planning of reactive and predictive maintenance work.

For more about this service, connect with:

Rhynard Prins

Business Development Manager

[LinkedIn](#)



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