



A cost saving system solution

Investing in a new genset is expensive. Various parts and subsystem of a genset are not equally worn, spares turn obsolete and electrical safety standards change. To scrap a complete system because only a certain part is not working or a spare part cannot be bought is a waste of money, environment and resources.



Generator upgrades

The latest generator control systems may provide functions which were not available when the generator was originally manufactured, electrical wiring might be damaged or the braking system on the generator trailer needs to be updated. By renovation, refurbishment, modification and upgrades of old and worn generators MSE provides a reliable, safe and cost effective solution often as good as a new one. The most beneficial generator upgrades are the ones of critical systems requiring the highest availability and which are not extensively used, such as back-up

power generators or military generators. MSE delivers a complete solution, including design and development, mechanical and electrical installation, verification and validation, commissioning and delivery. In addition to delivery of the upgraded generator, services like system safety analysis, project management, production and updates of technical documentation, manuals, spare part lists and maintenance schedules are provided.

Contact MSE to find out more

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Typical examples of upgrade and renovation activities:

- Exchange or rewiring of generators.
- Change of engine.
- Change of control system.
- Improvements of fuel system.
- Refurbishment of cooling system.
- Addition of new functionality.
- Improvement of acoustics.
- Mechanical, electrical and safety upgrades.
- EMC improvements; analysis, design, implementation and verification.
- Re-painting.
- Repair of corroded parts.