

Main Benefit



Obsolescence

Electronic Speed Governor



Obsolescence

- Spare parts for previous speed governor systems are obsolete and not available anymore
- Secured supply of spare parts and service

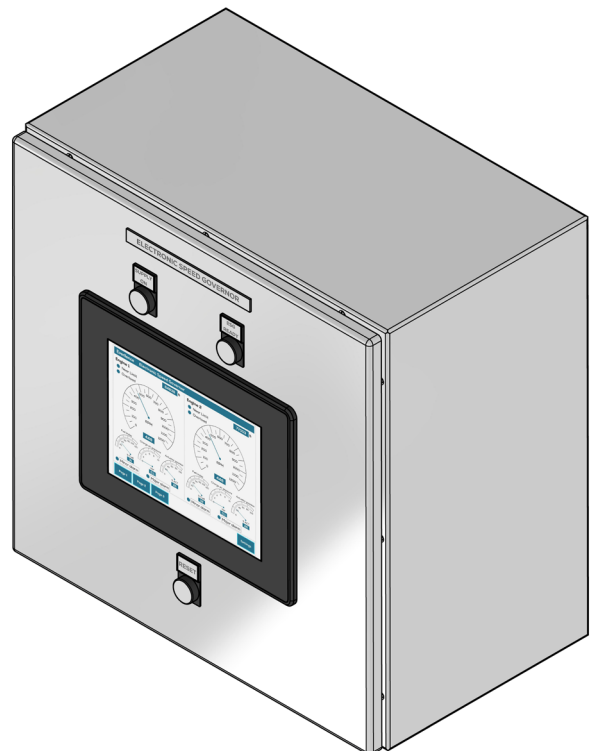


Other Benefits

- Better starting behavior and load acceptance
- Less soot emissions on start-up
- Improved troubleshooting by detailed error indication on display

How the Solution works

- Replacement of former types of electronic governors
- Easy integration due to compatibility to most former control system connections
- Monitors engine speed via two redundant sensors for high reliability
- Possibility of multiple engine speeds on one common display module
- Improved troubleshooting with detailed error indication on display
- Reliable and well-proven SaCoSone hardware
- Limitation of starting fuel for optimized start-up phase with minimum smoke emissions
- Easy setting and maintenance of multiple ESG's for one plant with one Display Module
- All ESG are connected by SaCoSone network bus system



For further information:

Should you have any queries, our Retrofit & Upgrades team will be pleased to be of assistance.

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Contact:

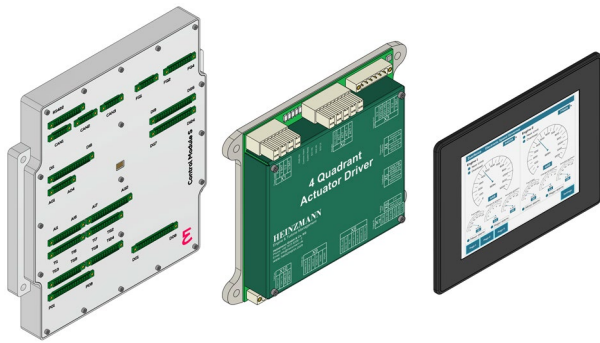
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Scope of Supply

- Display Module and Control Module Small
- 4Q-Driver (for Heinzmann actuator only)
- Electrical parts and installation material



Applicability

ESG Retrofit is available for the following engine types (Marine and Power application):

28/33, 32/40, 40/54, 48/60 and 58/64

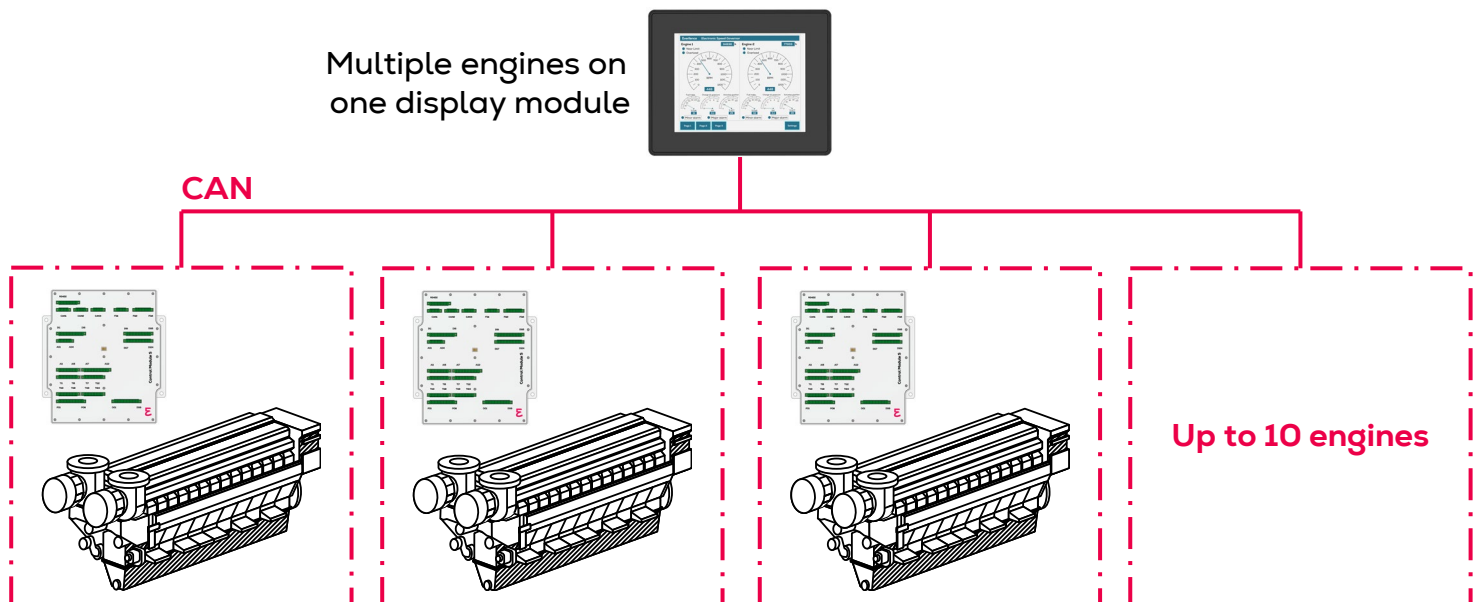
Features of ESG

- Fuel limitation depending on speed, load, charge air pressure and torque
- Various speed setpoint source (analogue, digital, via PC)
- PID controlled governor with 3 configurable dynamics
- Monitoring of module and actuator output
- Master/Slave operation
- Configurable Jet Assist for fast loading
- Display Module enables Multi Engine Operation

Field-Proven

- More than 60 ESG's have been installed successfully until Q1/2026

Multi Engine Operation



MAN Energy Solutions is now:

Everllence

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