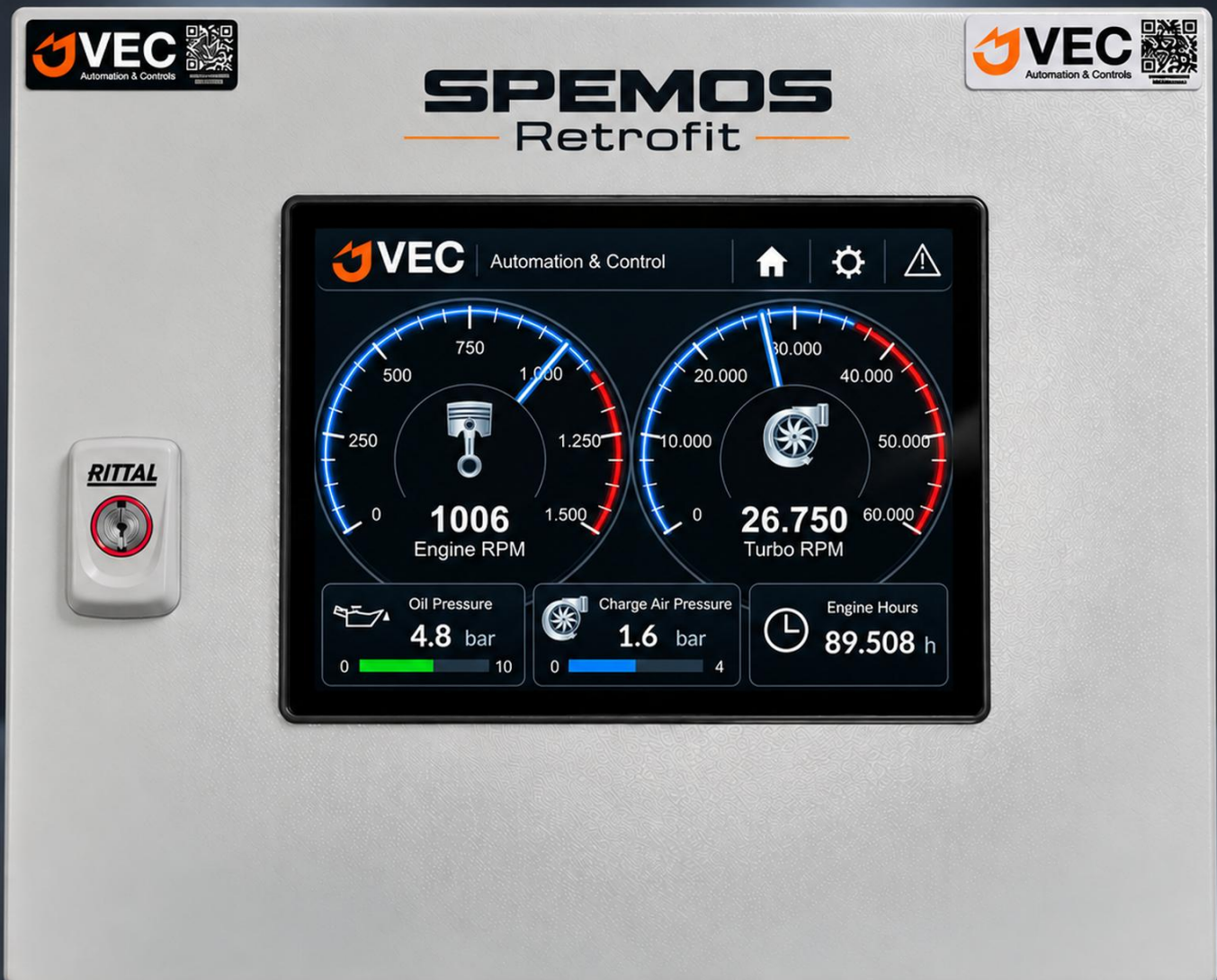


SPEMOS RETROFIT

Engine control retrofit for Wärtsilä 20 engines
Suitable for all SPEMOS and DESPEMES systems



What SPEMOS does

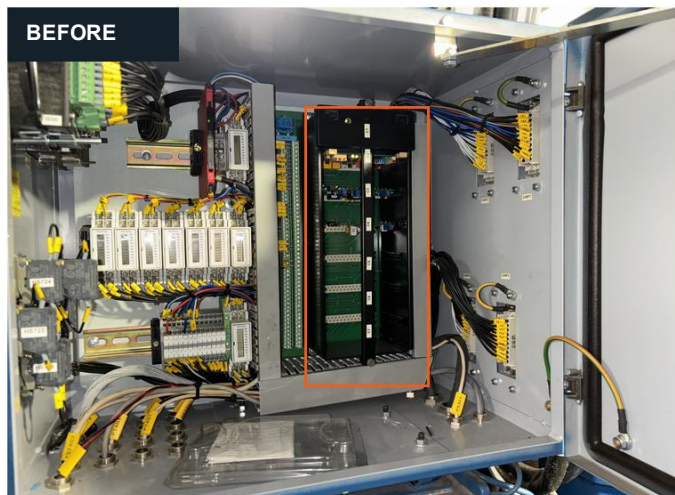
SPEMOS is Wärtsilä's electronic Speed Monitoring System. It measures engine and turbocharger speeds and provides speed-dependent relay functions, including engine running indication, starting-air cut-off and overspeed signalling.

Why retrofit

SPEMOS is a legacy system affected by obsolescence. A planned retrofit reduces reliance on ageing electronics. The JVEC cabinet is mounted beside the engine to reduce direct exposure to heat and vibration, while retaining the original terminal numbering.

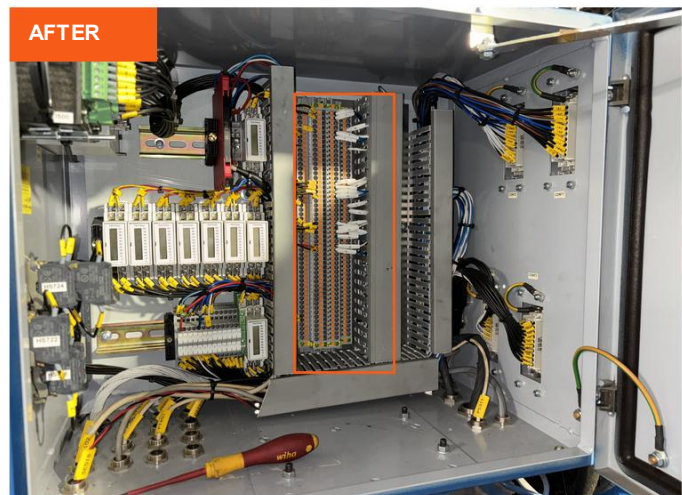
Same terminal numbers. New cabinet location.

A practical conversion from the original SPEMOS unit to a separate retrofit cabinet.



Original engine-mounted SPEMOS unit

The old black SPEMOS unit is removed.



Replacement terminal strip

The original terminal numbering is retained.

The connection in three steps



Updated local indication

A new speed indicator is fitted at the upper left of the engine control panel, as shown in the installation photograph.

Wärtsilä 20 and other SPEMOS or DESPEMES installations

The retrofit is adapted to the engine and the existing installation.

RETROFIT SET

OPTIONAL SPARE PARTS BOX