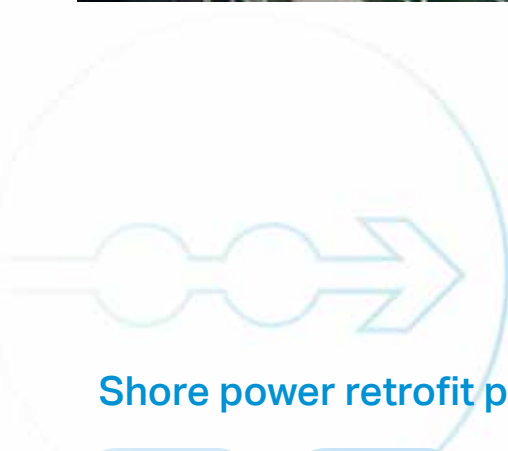


ShorePower retrofit

Ships using Cavotec ShorePower technologies connect to shore power at ports all over the world, helping port authorities and shipping lines significantly reduce harmful emissions and noise.

While a growing number of port operators are investing in shore-based shore power connection systems, and many new-build ships are shore power-ready, a growing number of shipowners and operators are also retrofitting vessels with shore power connection systems. This started with container vessels and is now increasingly common for other types of vessels such as tankers, bulk carriers, Ro/Ro vessels, and cruise ships.

As a trusted partner in the global maritime sector, Cavotec is a leading provider of retrofitted shore power solutions. Recently, we have even helped operators install shore power connection systems on ships at sea, thereby maximising operational efficiency and minimising service disruption.



Shore power retrofit process:



What is shore power retrofitting?

- The installation of shore power connection systems onboard ships enabling connection to shore power
- Onboard shore power systems include cable management systems, high and low voltage and signal cables, power receptacles, change-over panels, and a transformer
- Installation also involves minor modifications to vessels' switchboards and power and alarm management systems and minor structural modifications if necessary
- Retrofits are carried out in port, at sea, or in drydock, and the installation typically takes two to four weeks
- The cost of a retrofit depends on a variety of factors such as whether a vessel's switchboard is shore power-ready; whether shore power systems are installed on both sides of a vessel; the voltage of a ship's main switchboard and distance to the shore power system; and where the retrofit takes place



Benefits of retrofitting vessels with shore power connection systems

- Extend the service life of existing vessels in the face of new rules and regulations
- Comply with the growing number of ports that are making shore power connection mandatory
- Meet your own environmental targets

Cavotec's unique shore power offering

- Cavotec offers a comprehensive range of retrofit solutions and is a trusted partner and pioneer in cable management systems for high and low voltage connections
- Cavotec provides various configurations of cable management systems for different vessels layouts, requirements, limitations, etc
- Cavotec has a well-established, global distribution network that enables our service teams to provide expert commissioning and operational support
- Cavotec works closely with each client to design the best solution to cater for their operational and technical needs

Have Cavotec contact you!

To discuss your specific requirements
for making your operations safer, more
efficient and more sustainable.

Simply book a call at
www.cavotec.com/contact-us



Disclaimer: specifications are subject to change
without notice.

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