



babcock

Remote Monitoring System (RMS)

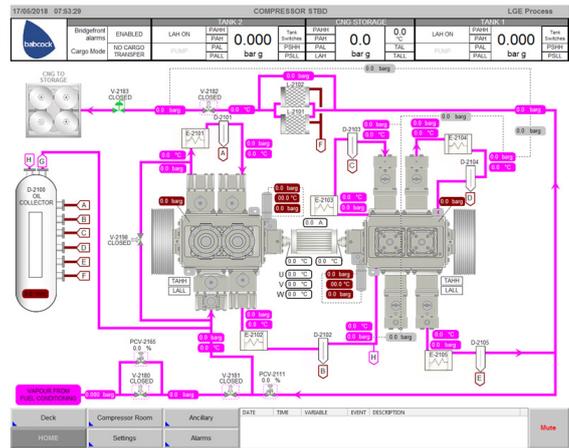
At LGE we combine innovative technology with engineering expertise to create value for the cargo handling system market. In a world where satellite communication is becoming increasingly more reliable, international shipowners are keen to monitor and analyse vessel performance remotely. Recent trials of our Remote Monitoring System (RMS) are a prime example of LGE listening to customers and developing solutions driven by their current and future requirements.

Our RMS solution provides the opportunity for personnel remote from the vessel to view cargo system parameters (in near real time), whilst also utilising the same trending functions as those available on-board the vessel. This new system enables remote personnel to track cargo operations and deliver targeted troubleshooting advice and enhanced operational support. Using tried and tested technology in a novel and safe way, our system provides a great opportunity to improve visibility of cargo operations across entire fleets.

The RMS creates a secure Virtual Private Network (VPN) between the vessel and a remote connection – managed via Cisco Cloud Servers. To ensure a secure connection, communication on the VPNs is restricted to configured devices. One device can be configured for multiple connections, i.e. the shipowner can monitor their entire fleet using only one office based device. We are also currently developing a system for virtual PCs which will allow access from multiple devices simultaneously. The RMS package can be installed at the new-build stage or as a retrofit after delivery, meaning an entire fleet can be upgraded and monitored with minimum disruption. At the owner's request, LGE can also monitor the fleet and provide specialist support using our engineering expertise.

Through feedback from our clients, we continue to develop our RMS offering, investigating ways in which we can analyse the cargo system data and provide advice on how the cargo system can be optimised. This analysis will also highlight potential requirements for maintenance and areas for customised crew training, which is a service already available from LGE.

Our customers will find the LGE RMS system solution a great enhancement to their fleets in service. It is also being offered at an extremely competitive price.



Sample Remote Monitoring System view

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