ROC-M Remote Access

Description

With the ROC-M from MacGregor, a remote interface for diagnostics and maintenance purposes of the crane PLC, the operating safety and comfort aboard the vessel is significantly increased.

In case an error occurs, a crew member connects the ROC-M to the PLC of the equipment, establishes an Internet connection to MacGregor and the approved MacGregor engineer can start a diagnosis on the system.

An integrated Industrial PC provides the power, while several interfaces are available for the connection to the crane PLC. The ROC-M itself connects to the service station over the internet either over the modem (with a valid SIM card supplied by customer), or the ROC-M can be directly connected to the ship's LAN, if applicable. With the remote access to the system, the engineer can perform diagnostics and — if possible — maintenance and repair work on the system without being on board of the vessel. If a remote repair is not possible, then a service technician will await the vessel in the next harbor with exact knowledge of the problem and all required spare parts to get the equipment back to operation.

This saves time, money and ensures fully operational equipment.

The ROC-M is a mobile unit in a hard case and it is usable for various PLC controlled Systems worldwide and features a 'plug and play' configuration.

Each unit is composed of

- ROC-M case
- 7" HDMI Screen
- Antenna
- Modem
- Power supply cable
- Communication cable
- Dimensions 43 x 36 x 17 cm, 10 kg

Basic connection requirements

- PLC Control system
- WLAN/LAN network or Mobile network (sim-card)
- Power supply 110 V - 230 V

Features

- Parameter analysis in real time
- Admin connection via PC or mobile device
- Real time support from qualified engineers
- Free choice of network connection LAN, WLAN, MOBILE
- Automatic connection to the best available mobile network (LTE or lower)
- Mobile mode guarantees an independency from vessel network
- Pre configuration minimizes data transfer
- Minimal data upload during remote connection
- Optional satellite network modem available
- Parallel connectivity of several interface by various connection ports
- Easy usage by plug and play design

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