

Marine Control Services

Automation solution provider to the marine industry!





- Established in 2002
- Modern facilities in Drammen, Norway
- Background from major marine automation suppliers
- 25 years experience with marine automation
- Partner with Stein Sohn from 2002 to 2010
 - Vista Automation system (version 4)
- Partner and co-founder in new company Rockson 2010
 - More than 450 references in new builds and retrofits
 - World-wide network of service partners
 - **Evolution IAS system launched 2021**
- Achilles JQS qualified from 2016







Evolution IAS



Evolution IAS: Vessel Automation System

- Conning Overview
- Power & Energy Management
- Aux Engines & Main Engines
- Gear & Propulsion
- Aux Systems
- Tank Sounding
- FO Economy

Evolution IAS: Customer Reference List

- 450 vessels sails with Evolution IAS
- Ferries, Fast Ferries, Yachts, Fishing Vessels, Fish Service Vessels, Wind Service Vessels, Tugs, Tankers, Bulk Carriers etc.

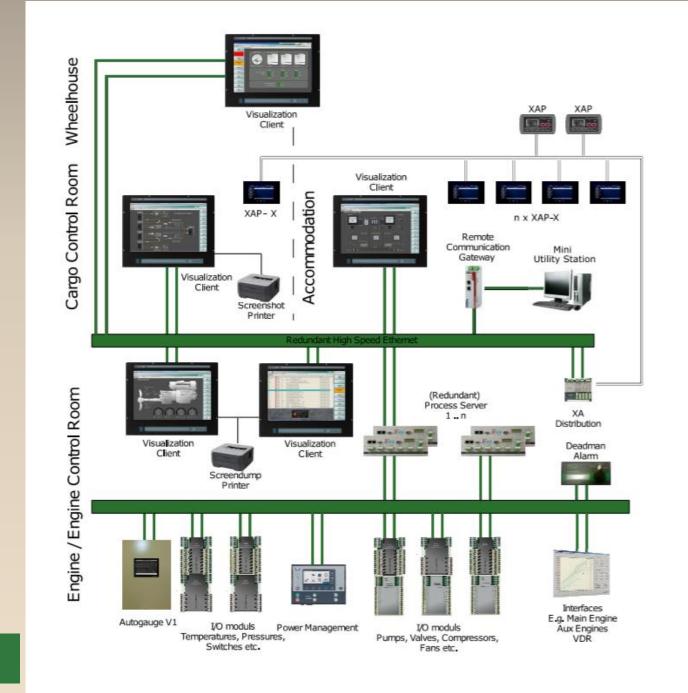
ON DUTY FOR THE CHIEF ENGINEER

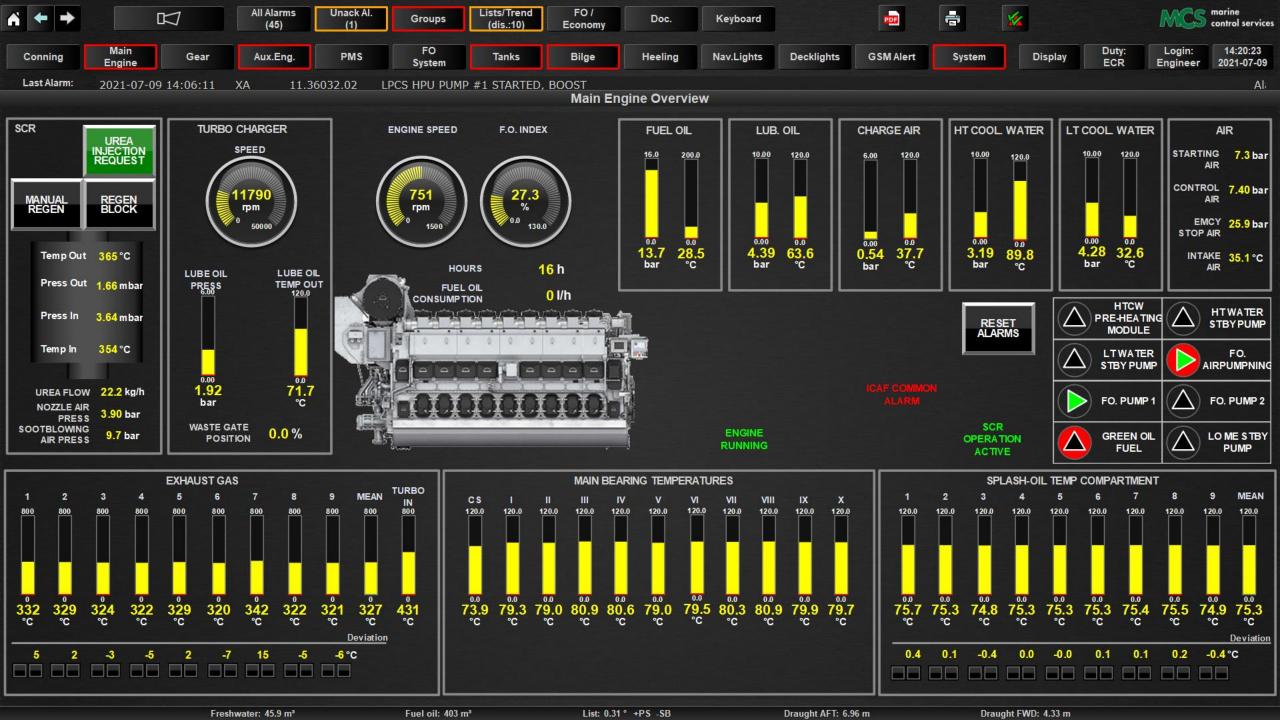
Automation Solution Provider for Vessels

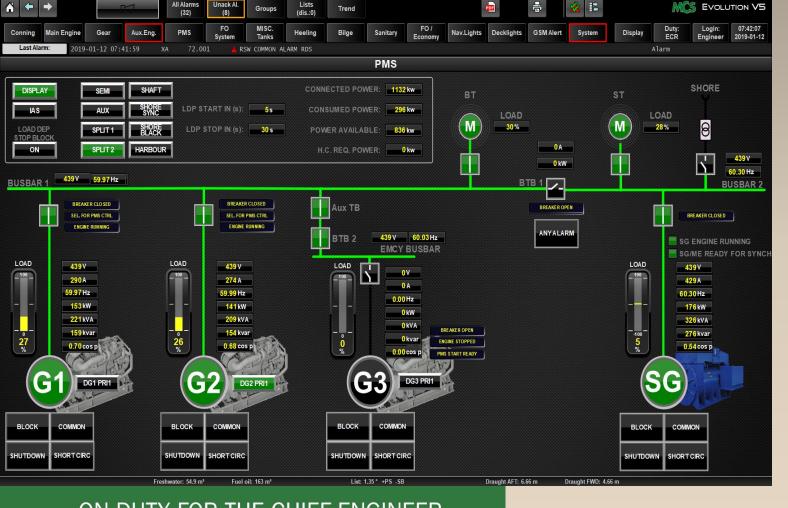


Evolution IAS

- Outstanding automation system designed to meet the toughest demands in the maritme environment
- Scalable from small Alarm & Monitoring to large Integrated Alarm, Control and Monitoring Systems







- PMS & EMS integrated in Evolution IAS
- Safety system for diesel and generator protection
- Diesel engine control
- Loadsharing
- Customized solutions











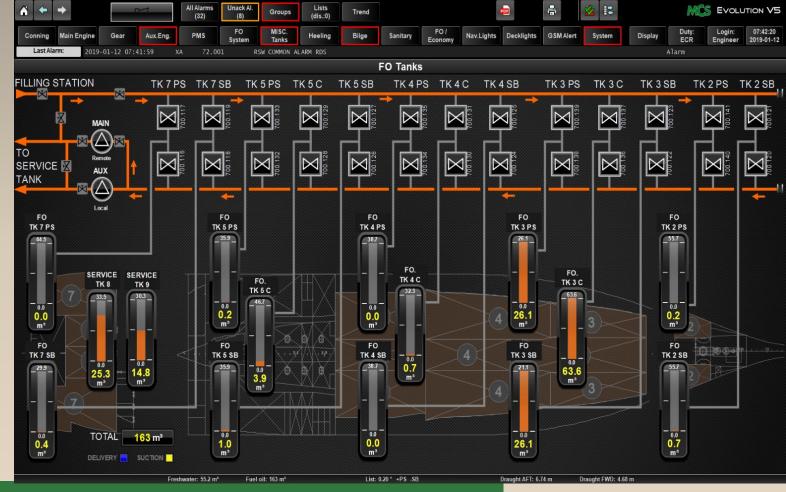
Evolution IAS - FO Economy





Evolution IAS - Gear & Propulsion Overview MCS marine control services





- Control for valves, fans, compressors.
- Process regulators (PID)
- Single/standby pump control
- Sequential restart after blackout
- Automatic functions for Ballast, bilge, fuel oil
- Fuel consumption and performance monitoring

Evolution IAS - Auxiliary Systems Control MCS marine control of the control services

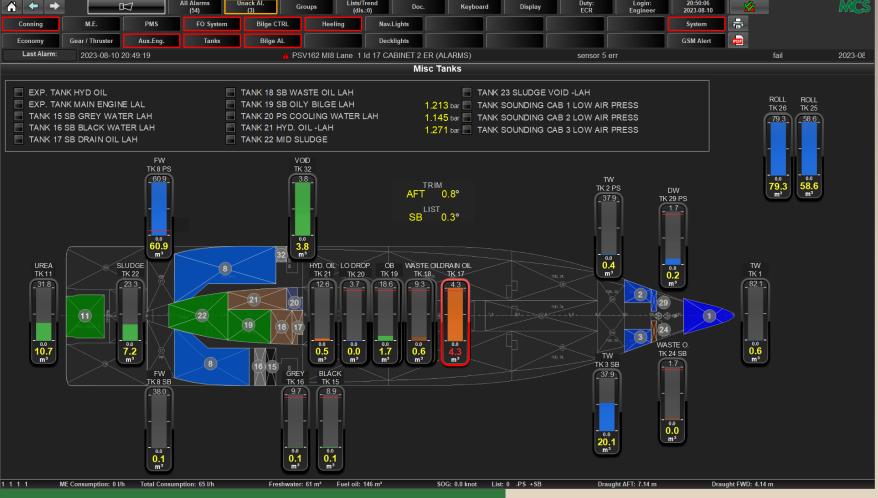




- Single light control
- Group control
- Artificial feedback

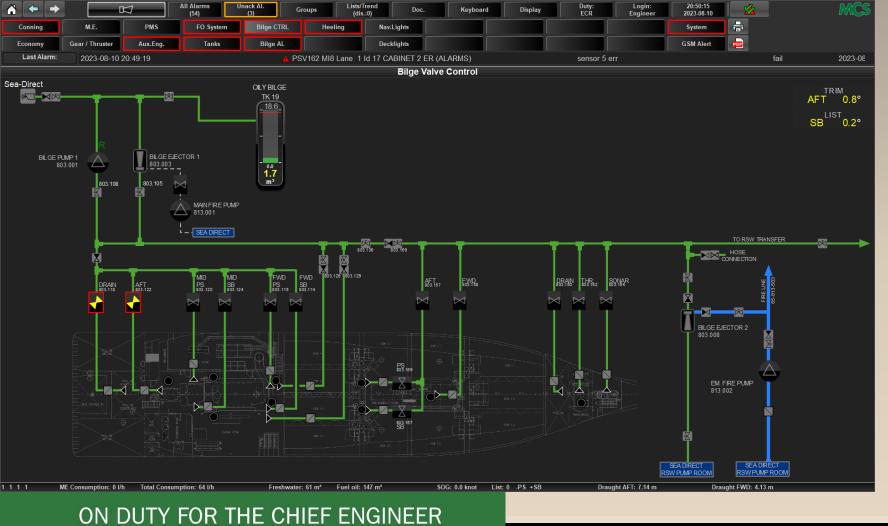
Evolution IAS – Deck Lights





Evolution IAS - Tanks











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Evolution IAS – Alarm List





Features

- ~ 7" Panel PC, Graphic client for XA server
- Graphic display with multi language status description
- Alarm group page
- Acoustic acknowledge button and dimming
- Duty function, listen function for duty monitoring
- Fire and system fail indication
- Flush or wall mounting installation
- Connector for bedroom buzzer

ON DUTY FOR THE CHIEF ENGINEER

Evolution IAS - XAP-X





Evolution IAS – GSM Alert System





- Remote assistance permanently installed onboard
- Automation system can easily be updated, changed or maintained by the use of MCS remote assistance
- MCS service engineer makes use of the satelite system and communicates directly with the automation system onboard
- The Remote assistance system is designed to ensure safe and reliable access for maintenance and diagnostics of the Evolution IAS range of automation products

Saves time, travel and money

Very short response time

ON DUTY FOR THE CHIEF ENGINEER

Evolution IAS - Remote Assistance





- User friendly HMI
- State of the art technology
- The most robust I/O system there is
- Redundancy on all levels available
- Best service, taking into account
 - cost (initial and long term)
 - response time (Remote assistance)
 - long term availability of spare parts
 - experienced team of engineers

Why Choose MCS Evolution IAS?



