

ABOUT US...

Fincantieri Marine Systems North America, Inc. (FMSNA) is a U.S. corporation and part of the Fincantieri Group of Italy. Fincantieri is a large multinational conglomerate that builds more than 60% of the world's largest cruise liners.

FMSNA is the sole representative in North America of Fincantieri Marine Systems and Equipment as well as Isotta Fraschini S.p.A. (IFM) Engines. Systems and Equipment include the following:

- Fin Stabilizers
- Controllable Pitch Propellers
- Bow and Stern Thrusters
- IFM Diesel Engines
- Cargo Access and Handling Systems
- Integrated Propulsion Systems
- Stabilization and Ride-Control Systems
- Power Generation Systems
- Electronic Monitoring Systems

Service and Support activities include:

- Design and Engineering
- Commissioning Services
- After-Sales Support
- Maintenance and Sustainment
- Shaft Alignment Services
- Thermal Imaging
- Spare Parts Support
- Shipyard Support

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MARINE SYSTEMS N.A.

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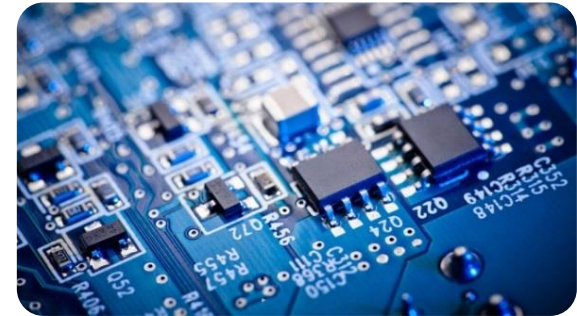
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MARINE SYSTEMS N.A.

Data Logging, Condition Monitoring & Condition Based Maintenance



Marine Systems

Propeller Systems
Thrusters
Fin Stabilizers
Steering Gears
Steam Turbines
Diesel Engines
Propulsion System Integration
Cargo Access & Handling Systems
Electronic Monitoring Systems

Service and Support

Design and Engineering
Commissioning Services
After-Sales Support
Maintenance and Sustainment
Thermal Imaging
Spare Parts Support
Marine Ventilation Systems
Cleaning

Summary

FMSNA offers an Integrated approach to data collection, communication, analysis, and reporting through Data Logging and Condition Monitoring systems.

Products and Systems

- Integrated Alarm and Monitoring Systems for Marine Engines and Generator Sets
- Automation and Control for Ship Equipment
- Engine Development and Warranty Data Logging Systems
- Military Mission Data Recorder with Post Mission Analysis for Crew Training
- Servo Control Systems
- Deep Sea Resistant Data Logger
- Vehicle Performance Data Logger
- Marine Engine Commander
- Flap and Trim Controls
- Rudder Controls
- Active Steering Marine Controls
- Displays and HMI
- Custom Keyboards and Dashboards
- Remote Data Links
- Telemetry

Data Logging

Data logging units are equipped with powerful analysis software for data acquisition and information processing. Detailed data collection and simplified data presentation provides customers with high resolution tracking of performance capability.

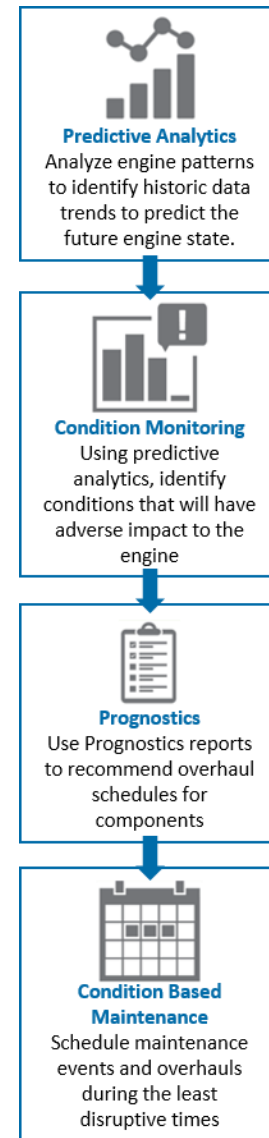
Data logging supports Condition Monitoring to develop a Condition Based Maintenance process.

Condition Monitoring and Condition Based Maintenance

The use of condition monitoring allows maintenance to be scheduled, or other actions to be taken to prevent failure and avoid its consequences. Condition monitoring has a unique benefit in that conditions that would shorten normal lifespan can be addressed before they develop into a major failure.

Benefits

- Solve problems before failures occur
- Increase reliability
- Reduce maintenance costs
- Improve efficiency of maintenance
- Detailed data collection of machinery status



Stop reacting to problems, and let FMSNA help you manage your way to improved operational efficiency and profitability.