



A BREAKTHROUGH MONITOR AND MAINTENANCE CONTROL SYSTEM FOR YOUR MARINE VESSEL.

Louisiana Cat's Product Health Command – a flexible management tool.

When you have watercraft on the waves along the Gulf Coast, you count on them to perform. If questions arise, you need answers quickly. Would having real-time information about your engines, generators, fuel and vibration meters and other connected devices benefit your operation?

If so, look to the front-runners at Louisiana Cat to help you come up with those answers.

Product Health Command, our new Human Machine Interface (HMI) touch-screen panel, provides total monitoring and control for your vital equipment. Think of the possibilities if you're involved with almost any commercial vessel, including:

- Commercial fishing
- Offshore Supply Vessels
- Crew boats
- Large tugboats
- Ore carrying
- Dredging

Our customizable Product Health Command panels contain industry-standard Siemens software, but also have features not included in the standard Caterpillar panel.

We can handle:

- Gauge readings (kW, PF, kVA, Volt, Amps and Hz)
- Generator winding and bearing temperature
- Alarms, shutdowns and timers – all controlled directly from HMI
- Electronic media storage, including any paper manual, diagrams or supporting documents at your fingertips
- Configurable data transmission sent via Modbus 485, Ethernet, Profinet and Profibus

You can expand your panel functions to fit your unique needs. It's all programmable offsite, directly from your maintenance headquarters or corporate office. Plus, you'll have the assurance of being in touch with Louisiana Cat's team of experts through our Product Health Center. Our Product Health Commands will help you maximize "up-time" and reduce owning and operating costs.

Get in touch with Louisiana Cat at MarineSupport@LouisianaCat.com to learn more.

1-800-723-5262





Product Health Command **Benefits**

Touch Screen PC (HMI - Human Machine Interface)

- Providing total monitoring and/or control of engine, generator and other connected devices (fuel meters, vibration meters, etc.)

Analog Gauge and Meters Readings

- kW, PF, kVA, Volt, Amps, and Hz
- Generator winding and bearing temperature
- Completely customizable gauges to add anything that broadcast from the ECM (Electronic Control Module)
- 8 (4-20mA) inputs that can be customer configured
- Individual Exhaust Cylinder Reading

Service Counters

- Will prompt on-board personnel when checks and services need to be performed utilizing hours or **fuel burn**
- Acknowledgment options on the HMI - Allows management to verify maintenance is being addressed when service is due
- Customizable on and off-site by Maintenance Management and/or Louisiana Cat personnel
- Through analytics, service interval customization utilizing fuel burn and load factor

Trending for engine and generator parameters, real time - anytime

Alarms, shutdowns and timers - all controlled directly from HMI

Electronic Media Storage

- Electronically store ANY paper manual, diagrams, supporting documents, etc.
- A & I (Application and Installation) Guides
- OMM (Operation and Maintenance Manual)
- Customized and special configuration information

Data Transmission

- Data sent over Modbus 485, Ethernet, Profinet, and Profibus
- Modbus addresses can be configured right at the HMI. This is very convenient for engineering up front
- Surveyors/Engineers/Technicians can send addresses by pressing a soft button to verify communication is being sent to the customers SCADA (Supervisory Control and Data Acquisition) system, or switchgear
- Email and text messages for all alarms, shutdown and service time to anyone

Cat® Software

- PartStore
 - 24-hour part verification and ordering
 - Access to customized parts list
- Cat ET (Electronic Technician) - immediate engine troubleshooting*
- Cat SIS (Service Information System) - complete repair information*

Metric and English conversion capability

Siemens panel and software, universal throughout the industry

Expandability of panel functions that supersedes customer's needs

Complete control and programmability offsite, directly from the maintenance and/or corporate office of the customer*

Product Health Center

- The delivery of data from the panel offers the customer and Louisiana Cat a connection to the engine to obtain data necessary to help manage the maintenance intervals, thus maximizing "up-time" and reducing owning & operating cost.



*Requires additional software and/or annual updates, cost and fees.

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