

MH Integrated Systems Sdn Bhd

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About Us

establish in 25th October 2015 with a goal to supply, create and deploy a seamless integration between front and back-end system on all level of industries for our client

With experience and talented personnel, we believe we can achieve that target and at the same time bring mutual trust and growth to all parties involved with mutual benefit in terms of profitability and knowledge.



Products & Services - Maritime Engineering (Electronics)

Shaft Measurement Systems

The main purpose for this system is to monitor and control shaft torsion, rotation and power, in order to avoid heavy load conditions, allowing the crew's manual optimization, monitor specific cylinder oil and fuel consumption and evaluate hull and propeller efficiency.

Vessel Networking

Infrastructures such as Serial Bus Network, FDDI Fiber Networking and CAT7 Ethernet provides plays an important role in the ship's transmission and communication. Our company can supply, implement and maintain these infrastructures.

Monitoring Sensors Supply & Installation

Speed Sensor delivers boat speed and log a well as water temperature. While Flow Meter is to monitor and measure various fluids. Pressure Monitoring ensure pressure and levels from various aspects can be seamlessly measured and displayed over a transmitter or PLC. Data Logging Systems is used to store logs regarding on the ship.

Vessel Navigations and MET Systems

Our expertise can be applied onto systems such as Wind Sensor which can be applied universally due to its adaptability. Echosounder Systems is also included in our services. As well as Vessel Gyro Compass which used widely on ships as a navigation which we have also supplied and serviced multiple times.

Vessel Throttle Supply

The are different kinds of ship throttle controls and the optimal one will deliver the utmost performances to the engine on your vessel. Whether it remote control device or EOT, our company is ready to supply and install it on your vessel.

Electrical Services

Our company offers our expertise in the electrical field as well by providing few services such as Current Leak Test and Voltage Stability Test to ensure not leakage happens. We also provide Cable Rig and Termination service which is done only by our experience staff under specialized gear.

Telecommunication Systems

Telecommunication system ensures communication can be establish using UHF Radio to set up mobile communication inside of ship, ship-to-ship and ship-to-shoreside under maneuvering cargo loading, rescue operating or docking. While STE Telephone Equipment is used for secured and unsecured calls.

Vessel Control Panel and Console.

We supply and install RTU, PLC and IPMS console for vessel for the purpose of control and monitoring management of the ship or vessel.

Hardware Automation

Our company specialized in providing the utilization of Starter control panel which is commonly used for applications that require speed and torque control only during start up or where there is a need to reduce large start up inrush currents associated with a large motor is required.

Products & Services - Maritime Mechanical Engineering

Valve Supply and Services

Our company is able to supply and maintain Control Boxes as well extend our services to Valves system such as Motorized Valve which is commonly used for fluid control and Manual Operated Valve. Both these valves require regular checks and maintenance and our company can provide such services

Heat Exchanger Services

We provide Diesel Engine Cooling System by introducing a water based coolant to reduce the heat. Lube Oil however is used to cool gas turbine and other industrial equipment. While Sea Water /Fresh Water-Cooling Systems is used to cool different section of the ship

Hoist and Elevator Services

MH Integrated System Sdn Bhd offers a low cost solution to Provision & Ammunition Hoist (RMN). In addition we also provide electrical operated hoist to ease in various means of operations as well as provide the expertise to programmed PLC to meet the client's requirements and needs

Pump and Compressor Supply, Renew and Services

Motorisation which is withheld within the pumps and compressor must be regularly maintain and/ or replace. These components are crucial to ensuring the machinery performs fully. Our company prides in our staff knowledge regarding on this field as they have years of training to back it up.

Vessel Sewage Treatment Systems

With Sewage Treatment Systems, our company provides such service as well. Starting with Sewage Treatment Plant which will treat the sewage before discharging them and implementing a Vacuum Interface Valve system which will be used to transport the sewage from around the vessel into one holding place

Products & Services - Maritime Mechanical Engineering

Controller Pitch Propeller

We supply our clients with Hydraulic power pack and servicing. This service extends to shafting and propeller unit in where our team provides removing, servicing, repair and parts replacements. The propulsion system is also not excluded in our list of services, as we are able to test and troubleshoot said unit.

Steering Gear System

Our staff are equip to handle the most important aspect of the ship such as hydraulic pump, motor unit, indicator angle system and rudder unit. The service we offered varies from servicing and maintenance to calibrating and replacing any severed parts.

Propulsion System

Having a weak or mismanaged engine can essentially halt or obtuse the vessel's whole system and flow and thus proper maintenance must be done to reduce or eliminate the chance a failure to the engine to happen. Which our team are specialized in. To add to our portfolio, our team can also assist in aligning critical unit and system in the vessel such as main engine, Genset and pump system by using chockfast and epocast to fasten these units.

Products & Services - Mechanical and Electrical (Infrastructure)

Generator Supply, Rental & Services

We are committed in providing reliable generator supply solution to cater your power requirements and needs. With world class engineered diesel and gas generators from manufacturers such as Cummins, Perkins, Scania and Caterpillar, our offer of reliable and high-quality generators at very competitive prices makes us the perfect choice for your business

HV/LV Service (Substation, Overhead and Underground)

Our team offers an end-to-end service that will ensure your electrical infrastructure requirements fulfilled. Working alongside you while providing a unique range of services for designing, construction, commissioning, inspection and maintenance of distribution networks ranging from 415V to 33kV.

Infrared Thermography Services

We provide condition-based monitoring using IR wthermography scanning in finding hotspots caused by defects in cabling connections and components.

Horizontal Directional Drilling (HDD)

HDD is a non-drilling method that is very protective to the environment and can be done anytime without taking large workspace. HDD able to avoid obstruction effectively. Our experience ensures client are able to utilize HDD to its full extent.

Underground Fibre Optic (Long Distance)

Underground placement can necessary and unavoidable in certain areas for various reasons. MH Integrated Systems have the capability to provide underground fibre optic solutions that can meet your specific requirements and limitations.



Civil Engineering

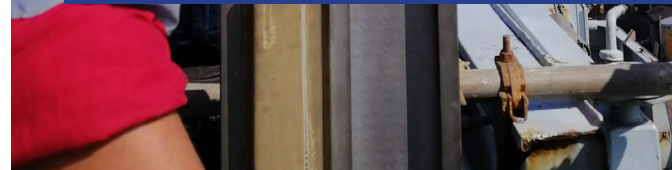
Building Structure

MH Integrated Systems Power Projects business has been designing and building high voltage substations and switchyards for the industrial, utility and developer markets. MHIS's scope of supply can include all aspects of a substation and switchyard project, including detailed engineering, procurement of equipment and materials, construction, testing and commissioning.

Safety Equipment

Safety Equipment Supply

We provide a broad range of safety equipment and personal protective equipment (PPE) such as foot protection, hand protection, head protection, hearing protection, protective clothing, protective eye wears, etc.



Location & Contact



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<https://www.mhi-sys.com>

For more information, please refer to our 2021 Company Profile or our website