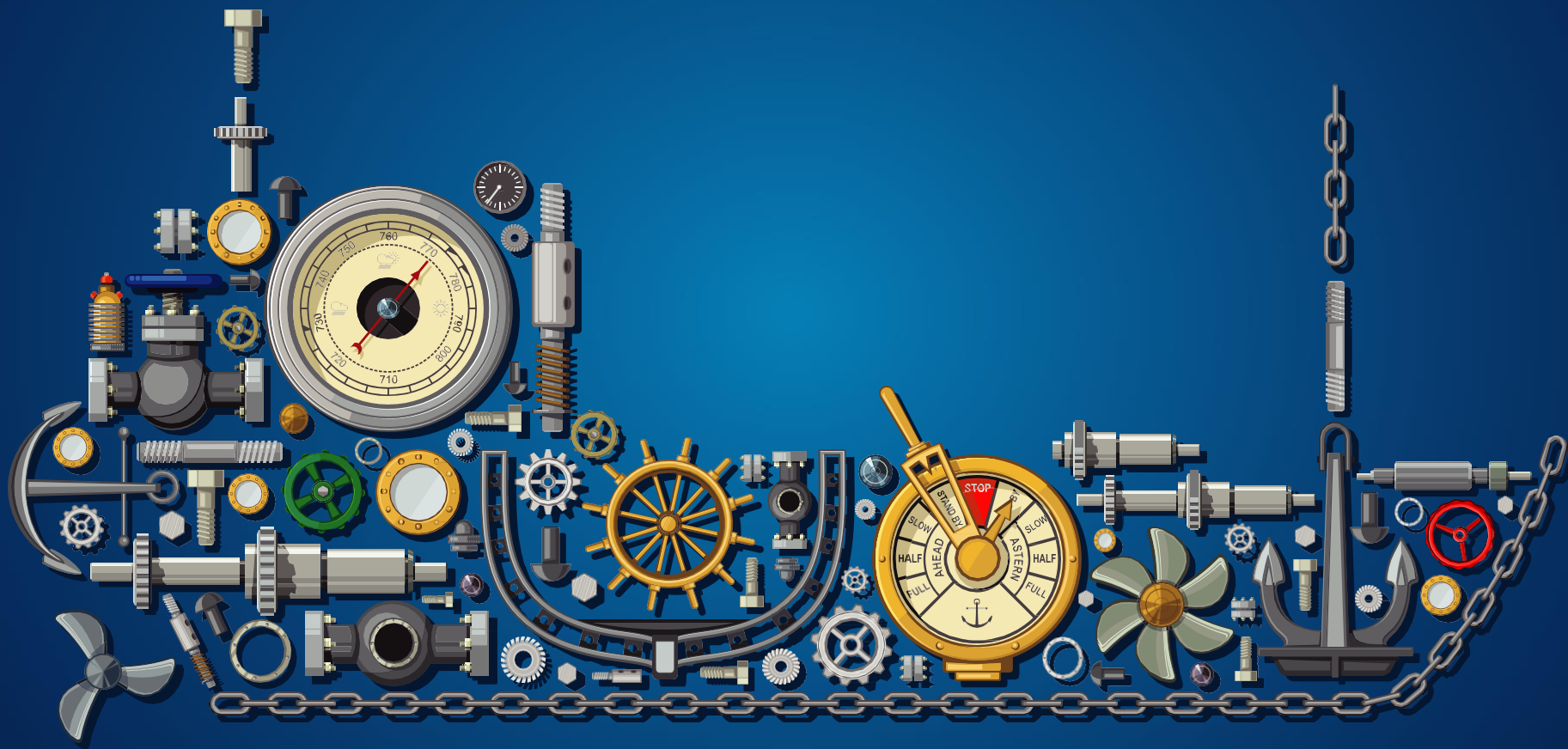




# SERVING EXPERTISE & EXCELLENCE GLOBALLY



[www.kduworld.com](http://www.kduworld.com)



## THE COMPANY

KDU Group - is progressively inventing into the Electrical, Automation, Simulation, Navigation and Communication for Marine and Offshore segments & other Shore based services with its best resources. It is leading the competition under the guidance and processes laid out from its parent organization - Marine Electricals. Since 2005, KDU has provided excellent solutions to many complexities and veracity of entire spectrum of services.

Our discipline in the field of our services have been appreciated and adopted by our partners and competitors in every aspect.

We provide:

- Multidisciplinary marine services
- Tailored solutions meeting customer requirements
- Representing major manufacturers
- Provide turnkey solutions with certified project management
- Committed to delivery timelines



## KDU- TO HEALTH, SAFETY AND ENVIRONMENT

- We believe in conserving our natural environment and through the Practice of environment friendly processes and methods we intend to achieve the same.
- All solutions and deliveries are tested through environment standardized templates
- Ensures all practices and products by KDU propagate good quality towards a safe and healthy environment



# OUR TEAM

Under the able leadership of its founders, KDU has marked its capabilities and commitment ahead of every competition. KDU, has dedicated its processes with a vision to lead and constantly innovate for a continuous change in all its service offerings for a better world. Our founders have imbibed their commitment into our strategies by providing efficient service offerings that has led this company to a praiseworthy present.

We are a team of hardworking and dedicated individuals working as a unit to deliver proficiency to our clients in their requirements.

- Worldwide connection to procurement and delivery on site
- 24/7 Service availability with no exceptions to time and location of service
- Highly skilled and equipped team of trained marine service engineers
- Assured first time fixes for all our service
- Onsite / Offshore service



## OUR FACILITIES

KDU owns a comprehensive setup of Warehouse and Production Unit in two of the economically thriving states of Emirates - Dubai and Sharjah.

Our Facilities at these units include:

- A Warehouse Division
- Workshops (E&A, Navigation & Communication)
- A Production Unit





# SERVICES

KDU has been amongst the leading providers of Electrical, Automation, Simulation, Shore based, Navigation and Communication Services. We offer quality solutions and products with committed delivery times. We are constantly on the step to upgrading and improving our services with changing technologies.

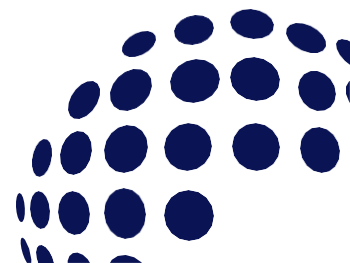
## BRIDGE SYSTEMS & DECK SYSTEMS

- Ship IT Solutions and Services
- Navigation Light System
- Bridge Navigation Watch Alarm System
- Main Fleet Management Software
- Dynamic Positioning Systems
- Joystick Control System
- Navigation System
- Voyage Data Recorder
- Internal and External Communication System
- Satellite Communication System
- CCTV Solutions and Services
- Helideck monitoring system
- Motion and heading sensor



## ELECTRICAL AND AUTOMATION SYSTEMS

- Boiler Control system
- Alarm Monitoring and Control System
- Engine Monitoring Control System
- Main switch board protection, instrumentation, calibration and testing
- Switch gear overhaul and testing
- Generator protection testing and calibration
- Propulsion and steering Control System
- Safety System
- Main Switch Board and Power Management System
- AVR's
- IGG and IGS
- ETAP desktop study

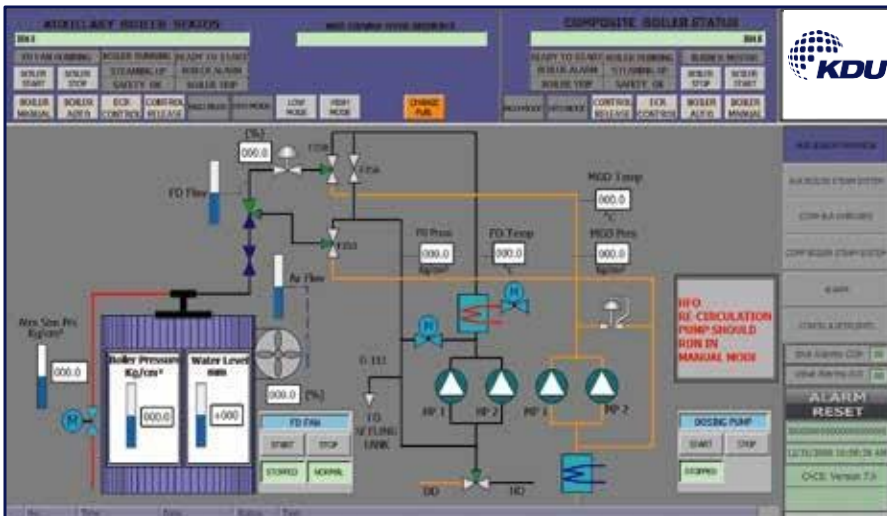


## RETROFITS AND CONVERSIONS

- AVR retrofit solutions
- Monitoring and Control System
- Boiler Control System
- Dynamic Propulsion System
- Main Engine Propulsion and Safety System
- Main Switch Board and Power Management System
- Navigation and Communication System

## SENSORS AND TRANSMITTERS

- DP Reference Sensors
- Marine Pressure Transmitter
- Marine Temperature Transmitters
- Marine Level Switches
- Signal Convertors and Zener Barriers

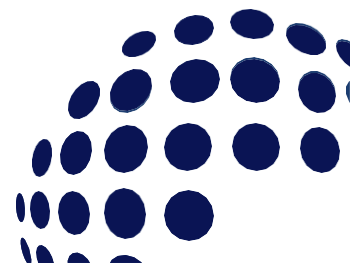


## TANK GAUGING AND MEASUREMENTS

- Ballast and Service Tank Gauging
- Cargo Monitoring and Control System

## PREVENTIVE MAINTENANCE

- Thermographic survey
- Power quality study



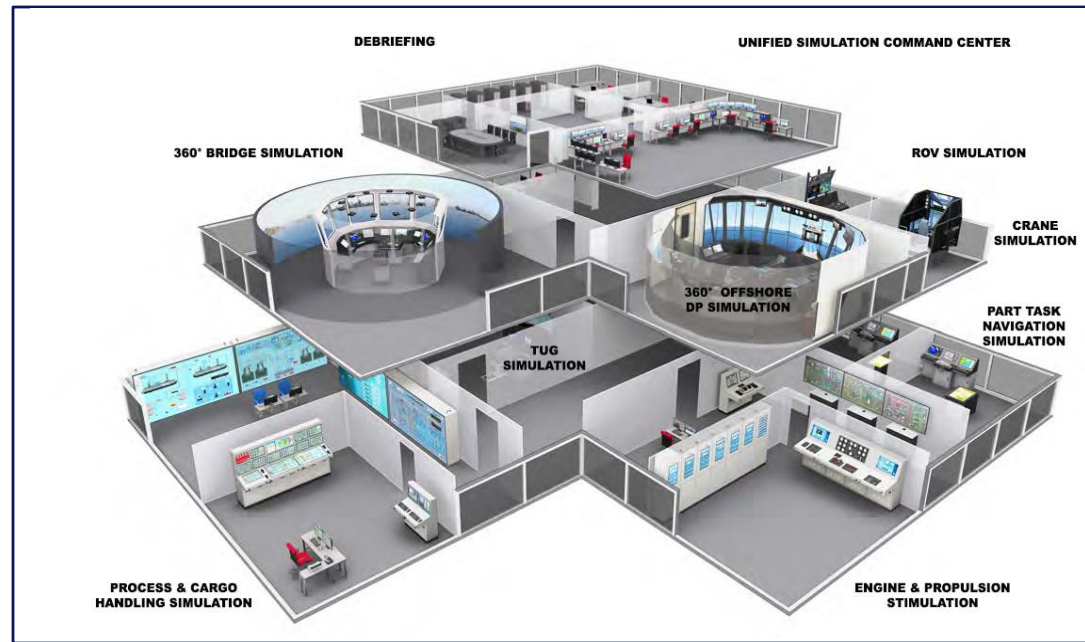


The KDU team has proven experience of 15 years in Design, Supply, Deployment, Integration and Maintenance of Marine Simulators and Shore Based Systems

### MARITIME SIMULATORS PRODUCT RANGE WITH DNV/STCW COMPLIANCE:

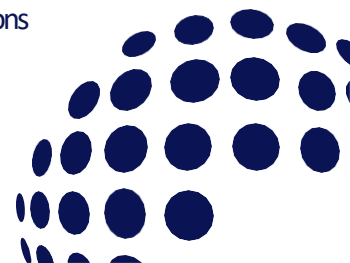
- Naval– Ops Room Trainer Simulator
- Ship Handling Simulator
- ECDIS/ARPA Simulator
- Engine, Propulsion and Electrical Simulator
- High Voltage Simulator
- Liquid Cargo Handling Simulator
- GMDSS Simulator
- VTS Simulator
- Damage Control Simulator
- Crane Simulator
- Integrated Simulation Complex

# TRAINING & MDA SOLUTIONS



### SHORE BASED PRODUCT RANGE WITH IALA COMPLIANCE:

- Vessel Traffic Monitoring Systems (VTS/VTMS)
- Coastal Surveillance Systems
- Offshore Solutions including Intrusion Detection Systems
- Search and Rescue Solutions
- COSPAS-SARSAT Solutions
- AtoN Remote Monitoring and Management Solutions
- AIS Data Management & Distribution System
- Inland Waterway VTMS (RIS)



# PRODUCTS

KDU has a wide offering of products and services related to the Marine and offshore systems

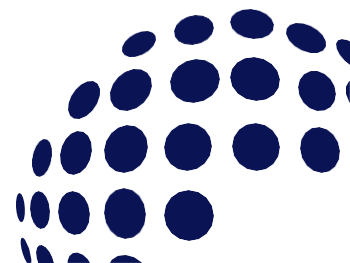
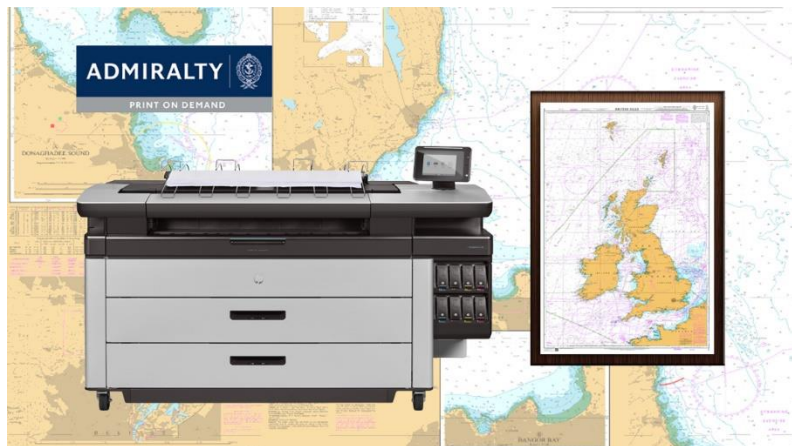
## IN-HOUSE

- LV Switch Boards (Power Generation & Distribution panels)
- Ship Machinery Alarm Monitoring & Control System
- Power Management Systems
- Azimuth thruster control system
- Transverse thruster control system
- Controllable Pitch Propulsion (CPP) control system
- Variable Frequency Drive panels for fixed pitch thruster and other applications
- Boiler control system
- Engine control
- DP alert system
- Shore power converters
- Steering control system
- Industrial automation solutions



## AGENCY PRODUCTS

- Dynamic Positioning Systems
- Navigation and Communication Systems
- Laser & Radar Reference System for DP Vessel
- Generator Control & Protection System
- Main Azimuth Propulsion System
- Automatic Voltage Regulators
- Tank Level Gauging System
- Bridge Navigational Watch Alarm
- Line Tension Monitoring system
- internal communication systems
- Navigation Light Controller
- Charts and Publications







Helideck Monitoring and control system



Helideck Lighting system



VSAT and TVRO Systems



Surveillance Camera



Surveillance Radars



Integrated Communication system



C2/C3 systems



Naval Bridge systems



Shaft Power monitoring system



Valve Remote Control System



Power Management System



Alarm Monitoring and Control System



Fiber Optic Hull Stress Monitoring system



Energy Storage System



Propulsion Control System

Engine Order Telegraph system



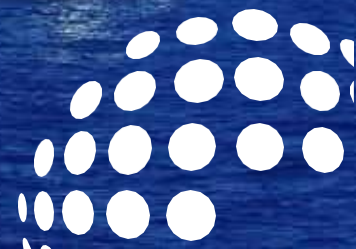


# CLIENTS AND TECHNOLOGY PARTNERS

- Wide range of Clients and Partners from various geographies;
- Directly and indirectly connected to all the Marine and Offshore solutions from across the world.
- We have been constantly referred to newer service opportunities by our existing clients as a mark of our dedication and satisfied solution delivery.



## TECHNOLOGY PARTNERS





#### **UAE-DUBAI OFFICE**

Dubai Maritime City, P.O. Box 90878,  
Dubai-United Arab Emirates  
Tel: +971-4-3571088  
Fax: +971-4-3571066  
Email: [dubai@kduworld.com](mailto:dubai@kduworld.com)

#### **UAE-ABUDHABI OFFICE**

P.O. Box 9489, Building No:  
3, Sector 45, Mussafah  
Tel: 02-5519935  
Email: [abudhabi@kduworld.com](mailto:abudhabi@kduworld.com)

#### **UAE-SHARJAH OFFICE**

SAIF Zone, P.O. Box 9567,  
Sharjah-United Arab Emirates  
Tel: +971-6-5578581 / 06-5575480  
Fax: +971-6-5578582 / 06-5575490  
Email: [sharjah@kduworld.com](mailto:sharjah@kduworld.com)

#### **UAE-FUJAIRAH OFFICE**

P.O. Box 5077, Al Faseel,  
Fujairah - UAE.  
Tel : +971-9-222 2949  
Email : [fujairah@kduworld.com](mailto:fujairah@kduworld.com)

#### **KINGDOM OF SAUDI ARBIA OFFICE**

#29, Yasmeeen Plaza, Riyadh  
Tel: +966 11 2034888 Ext. 105  
Mob: +966 11 2040371  
Email: [ksa@kduworld.com](mailto:ksa@kduworld.com)

#### **INDIA OFFICE**

Mumbai – 400 09, India  
Tel: +91-9323109547 / 9967555124  
Email: [kduindia@kduworld.com](mailto:kduindia@kduworld.com)

#### **SINGAPORE OFFICE**

Pioneer Point, Singapore 627 607  
Tel: +65-62506792 / +65-96263442  
Fax: +65-62503803  
Email: [singapore@kduworld.com](mailto:singapore@kduworld.com)

#### **CHINA OFFICE**

Shanghai, China 210907  
Mob: +86-139185203  
Email: [shanghai@kduworld.com](mailto:shanghai@kduworld.com)

#### **NIGERIA OFFICE**

Right Wing, 18, Parkside Road,  
Apapa  
Tel: +234 8069373603  
Email: [Nigeria@kduworld.com](mailto:Nigeria@kduworld.com)

#### **SRILANKA OFFICE**

Colombo-15, Srilanka.  
Tel: +94717134697  
Email: [srilanka@kduworld.com](mailto:srilanka@kduworld.com)

#### **GHANA OFFICE**

P.O.Box CS 8096 -Tema Community 7  
TEL: +233 303974287  
24X7 Line : +233 548593379  
Email: [ghana@kduworld.com](mailto:ghana@kduworld.com)

