



**KDU GROUP**

[WWW.KDUWORLD.COM](http://WWW.KDUWORLD.COM)

**COMPANY  
PROFILE**

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# KDU GROUP - THE COMPANY

**KDU Group - is progressively inventing into Electrical, Automation, Training Simulators, Navigation and Communication segments for maritime/offshore & other shore based sectors and is leading the competition in the GCC region with its best resources, products and solutions**

Since 2005, KDU has provided turnkey solutions to many complexities and, veracity of entire spectrum of services. Our discipline & technologically advanced methods have been appreciated and adopted by our partners and competitors in every aspect. Our key capabilities include:

- Multidisciplinary marine services
- Tailored solutions meeting every customer requirement
- Representation of major manufacturers from around the world
- Turnkey solutions with certified project management
- Commitment towards delivery timelines & customer satisfaction

# VISION, MISSION & QUALITY

A dark blue hexagon containing the word "Vision" in white, bold, sans-serif font.

**Vision**

A dark blue hexagon containing the word "Mission" in white, bold, sans-serif font.

**Mission**

A dark blue hexagon containing the word "Quality" in white, bold, sans-serif font.

**Quality**

**Pioneering in innovative & progressive solutions**

Creating a customer experience that can never be forgotten!

**Meeting every customer need and demands through our dedication and expertise.**

Our mission is deep rooted in the philosophy of delivering customer satisfaction by providing reliable, innovative, and economical service, supply & solutions

**ABS Certified - ISO 9001, 14001 & 45001**

our services and deliveries are tested through standardized quality templates to keep the quality management at the highest priority.



# RESOURCES

**40+** TRAINED  
ENGINEERS

DESIGN &  
PRODUCTION  
FACILITY IN DUBAI  
MARITIME CITY

**30+**  
OEM REPRESENTATIONS

WAREHOUSE IN  
UAE & NIGERIA

**24/7** CUSTOMER  
SUPPORT

AFTER SALES  
SUPPORT





# MARKETS

Over 15 years of service excellence with a history of providing cost effective and compliant solutions across the Maritime sector in United Arab Emirates, Saudi Arabia, and other GCC & South Asian countries.



## MARITIME

Integrated solutions provider in Navigation, Communication, Electrical and Automation systems for every type of vessels in the Maritime Industry.



## NAVAL

Sustainment promised - for enhanced vessel management & performance



## MARITIME TRAINING

Equip your students with the best technology for high intensity maritime training through us!



## PORTS & HARBOURS

The Complete Maritime Domain Awareness & Aids to Navigation Expert





# PRODUCTS & SERVICES





We offer a wide range of ship maintenance solutions for all your Electrical, Automation, Navigation & Communication requirements all-round the year, with our on-call crew available 24/7 in the GCC region, and our main operations out of United Arab Emirates, Saudi Arabia, Nigeria, Ghana & India.

KDU Group has catered to every requirement of our customers for the past 15 years focusing on the importance of product preservation, along with the significance of essential technological modifications thus extending the economic life & providing affordable solutions to all your essential vessel equipments.

## NAVCOM SYSTEMS

- Integrated Bridge System
- Radar
- Echo Sounder
- Voyage Data Recorders
- ECDIS
- Gyrocompasses
- Speedlogs
- Anemometers
- DP Systems
- Naval Systems
- Internal Communication System
- Satellite Communication System
- GMDSS Equipments
- Satellite Airtime
- WIFI/Mobile Connectivity Solutions
- Portable Radios
- VSAT and TVRO Systems



## ELECTRICAL AND AUTOMATION SYSTEMS

- Boiler Control system
- Alarm Monitoring and Control System
- Engine Monitoring Control System
- Main Switch Board Protection, Instrumentation, Calibration and Testing
- Switchgear 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
- Marine Pressure Transmitters
- Marine Temperature Transmitters
- Marine Level Switches
- Signal Convertors and Zener Barriers
- Ballast and Service Tank Gauging System
- Cargo Monitoring and Control System
- Preventive Maintenance
  - Thermographic survey
  - Power quality study



# KDU PRODUCTS & SERVICES

- 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 System
- Fuel Monitoring Solution
- DP Alert System
- Shore Power Converters
- Steering Control System







**OUR EXPERTISE**





**MARITIME TRAINING  
SOLUTIONS**

**MARITIME DOMAIN  
AWARENESS**

**PORT MANAGEMENT**

**GREEN SHIP SOLUTIONS**



***KDU GROUP***

**SPECIALISED SOLUTIONS**





## Maritime Training Solutions

Range of fully certified marine simulators offering ultra-realistic, high intensity training solutions in both single task and fully integrated training cases for marine officers and crew members across the entire range of maritime operations. Our simulators are designed from the group up as modular systems, allowing users to dynamically increase the scope and size of installations over time.



## MARITIME DOMAIN AWARENESS

Our surveillance solution assist in the protection of territorial waters, coastlines, and maritime borders, by tracking targets at ranges that surpasses the IALA requirements. Introducing versatile and modular sensor expertise, ensuring compliance with application requirements and customer specifications comprising of advanced signal processing and high-performance antennas.



## Port Management

Our port management solution is a comprehensive, all integrated maritime data solution, providing a complete port control tool with the key focus on situational awareness & for the effective monitoring of vessel traffic. Our Port Management solutions also include a wide range of Aids to Navigation equipments – it's Supply, Installation & Maintenance.



## Green Ship Solutions

Playing our part in the call for global action in the Strategic Development Goals established by the United Nations, we are determined to propagate products and solutions that preserve life below water, reduce Marine pollution & carbon emissions. With our range of Green Ship Solutions, we thrive to offer the Maritime industry fuel efficient monitoring systems, Ballast Water treatment Systems and Ship Exhaust Gas Treatment Systems to achieve a cleaner aquatic life.





# MARITIME TRAINING SIMULATORS

- Integrated Simulation Complex
- Full mission Ship Handling Simulator
- Full mission Engine room Simulator
- ECDIS/Radar/ARPA Simulator
- Naval – Ops Room Trainer Simulator
- High Voltage Simulator
- Liquid Cargo Handling Simulator
- GMDSS Simulator
- VTS Simulator
- Crane Simulator
- Drilling Simulator – Surface Tool & Downhole Operations





## PORT & COASTAL MANAGEMENT

- Vessel Traffic Monitoring Systems (VTS/VTMS)
- Coastal Surveillance Systems
- Offshore Solutions including Intrusion Detection Systems
- Search and Rescue Solutions
- Coastal Radio GMDSS Solutions
- Aids to Navigation - Buoys, Beacons, Lanterns, Racons, Range & PEL lights, Lighthouse equipments and Power supply systems, Remote Monitoring and management Solutions
- AIS Data Management & Distribution System
- Inland Waterway VTMS (RIS)





# GREEN SHIP SOLUTIONS

- Fuel Efficiency Monitoring System
- Ballast Water Treatment System
- Integrated Smart Marine Energy System





# OUR PARTNERS





# LOCATIONS

## **UAE-DUBAI OFFICE**

Dubai Maritime City, P. O. Box 90878,  
Dubai-United Arab Emirates  
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