



COMPANY PROFILE





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OUR 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





OUR VISION, MISSION & QUALITY

VISION

Pioneering in innovative & progressive solutions

Creating a customer experience that can never be forgotten!

MISSION

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.

QUALITY

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



ISO 9001
ISO 14001
ISO 45001

RESOURCES

40+
TRAINED
ENGINEERS

DESIGN &
PRODUCTION
FACILITY IN UAE

30+
OEM
REPRESENTATIONS

WAREHOUSE
IN UAE &
NIGERIA

24/7
CUSTOMER
SUPPORT

AFTER SALES
SUPPORT



Over 20 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

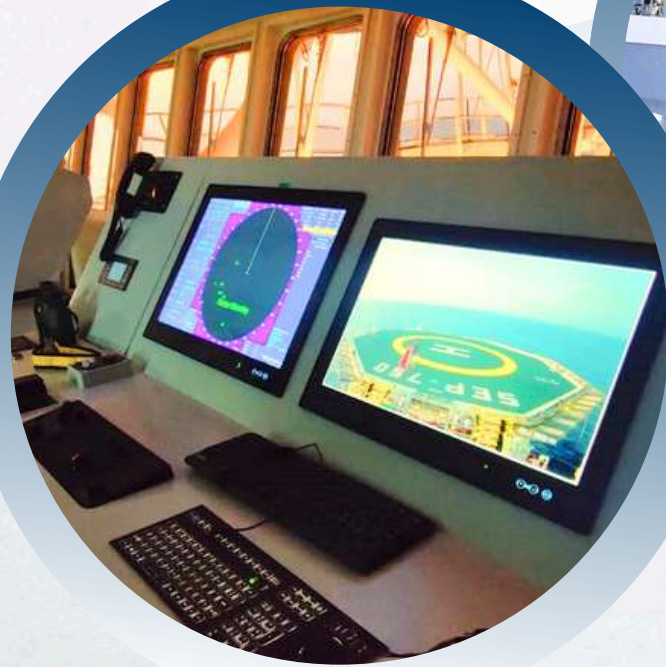
The Complete Maritime Domain Awareness & Aids to Navigation Expert.



INDUSTRIAL

Comprehensive system portfolio and engineering capability at its best

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

- 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
- TPM SHaPoLi Shaft Power Limitation
- AVR
- 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



INDUSTRIAL SOLUTIONS



Control & Process Automation

- PLC Based Process Control system
- SCADA System
- Field Instrumentation
- Alarm Annunciator System
- Fire and Gas System
- HVAC System
- Central Monitoring System
- ESD (Emergency Shutdown) System

Panel Manufacturing

- Control Panels
- Network Cabinets
- Generator Control & Synchronization Panels
- AC & DC variable Frequency Drives Panels
- Automatic & Manual Transfer Panels
- Control and Instrumentation

Electrical Engineering

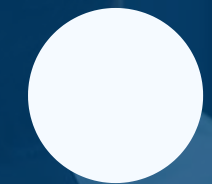
- Functional Design Specifications
- Power Quality Test
- Desktop Study Using ETAP - Load flow analysis & Short flow analysis
- As- Built Documentation
- Energy Audit
- Emulation Testing of Plant Application
- Measurement of Harmonics, Voltage oscillation, flicker, Asymmetry
- Control panel design documents
- Software configuration & development
- FAT/SAT Procedures

Power Generation

- Energy Management systems & Retrofits
- Synchronizing Panel
- AVR/DVR
- Switch Gear Components



PRODUCTS & SERVICES



KDU PRODUCTS & SERVICES

- LV Switch Boards (Power Generation & Distribution panels)
- Ship Machinery Alarm Monitoring & Control System
- Power Management Systems
- CMAC 3000: Integrated Alarm Monitoring System
- 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
- Flame Boiler Control System
- Engine Control System
- Fuel Monitoring Solution
- DP Alert System
- Shore Power Converters
- Steering Control System





OUR EXPERTISE

SPECIALISED SOLUTIONS

Maritime Training Solutions



Port Management



Maritime Domain Awareness



Greenship 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



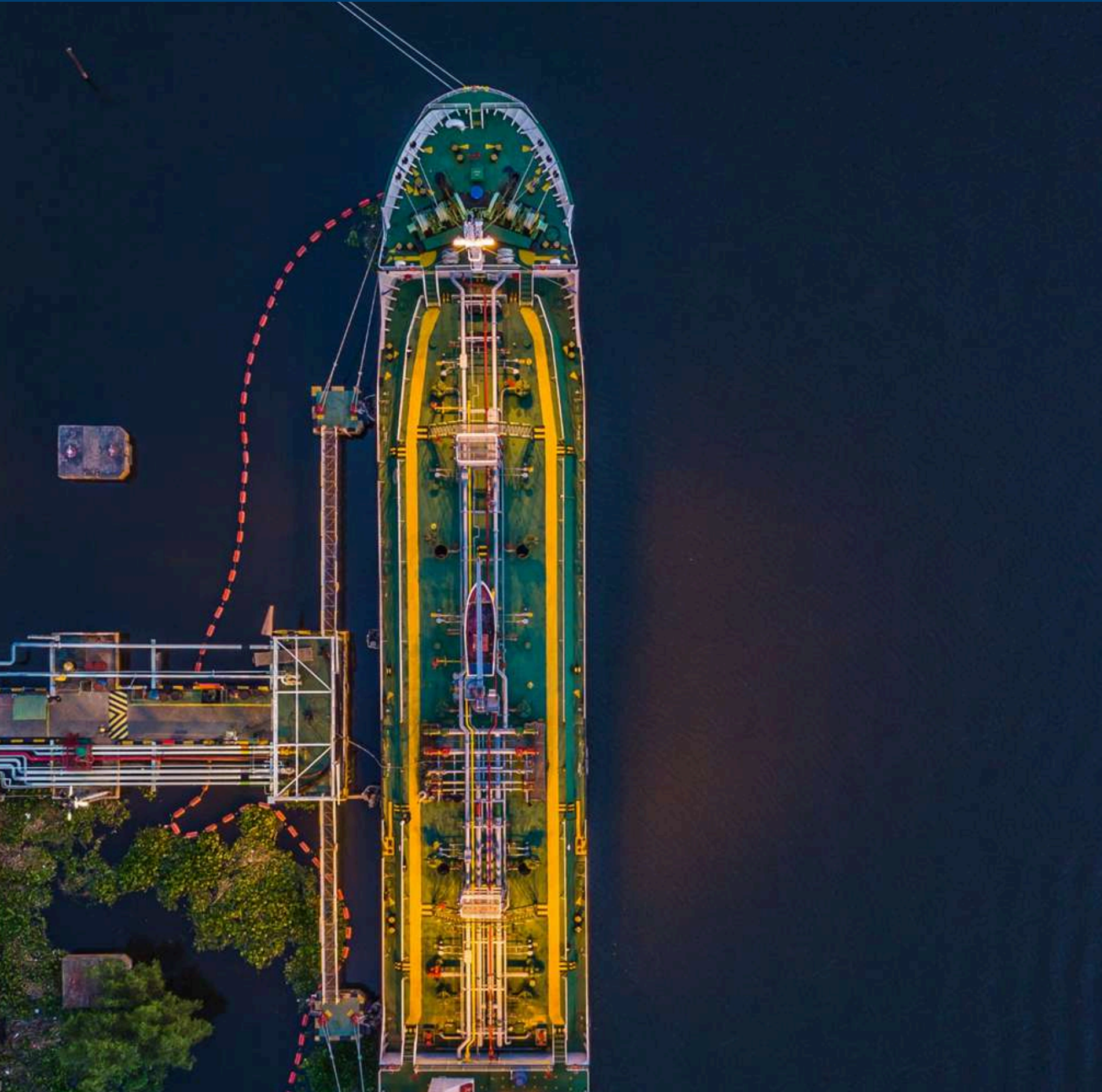
- Integrated Simulation Complex
- Full mission Ship Handling Simulator
- Full mission Engine room Simulator
- ECDIS/Radar/ARPA Simulator
- Naval – Ops Room Trainer Simulator
- High Voltage Simulator
- Liquid Cargo Handling Simulator
- GMDSS Simulator
- VTS Simulator
- Crane Simulator
- Drilling Simulator – 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 VTMIS (RIS)

GREENSHIP SOLUTIONS



- Fuel Efficiency Monitoring System
- Ballast Water Treatment System
- Integrated Smart Marine Energy System
- Hybrid Systems
- TPM SHaPoLi Shaft Power Limitation

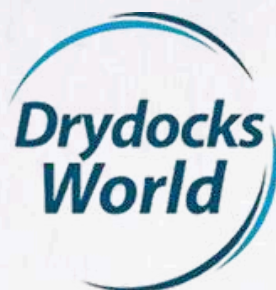
OUR PARTNERS



KONGSBERG



OUR CUSTOMERS



شركة عُمان للجوفا اليابا ش.م.ع.م.
OMAN DRYDOCK COMPANY, S.A.O.C.



الشركة العمانية للنقل البحري س.م.ع.م.
OMAN SHIPPING COMPANY S.A.O.C.



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