Milrack

Naval systems solutions



About us

Reouel Group established in 1988.

From the beginning, Reouel main focused was C4i solutions for naval and land domains.
With 35 years experience, Reouel provides state-of-the art solutions for U/I and system side for: offshore, vessels, OPV's, submarines.

Reouel solutions are innovative, modular and includes unique benefits on every product.

Reouel engineering & manufacturing capabilities can provide wide range of solutions for the client, includes any customization needed.

Key values

01

Modularity

Milrack products are flexible, easy to install

02

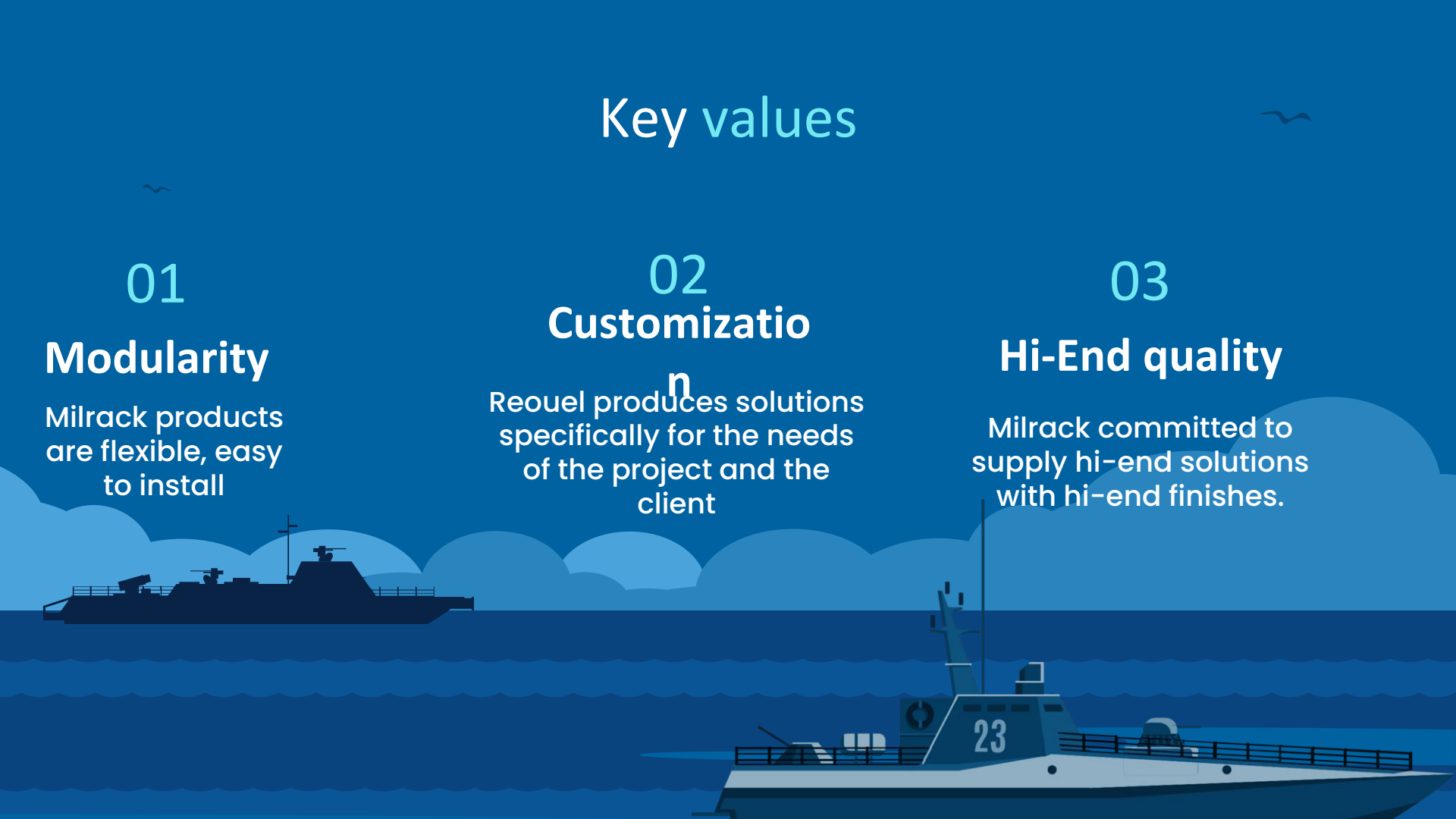
Customization

Reouel produces solutions specifically for the needs of the project and the client

03

Hi-End quality

Milrack committed to supply hi-end solutions with hi-end finishes.



Milrack in numbers

Profession

Extensive experience in naval systems projects

35 years

Satisfied clients

More then 100 clients world wide.

100+ clients

Employees

60 employees In the fields of: management, production, QA, engineering.

60 employees

Hi-end production plant

6000 sq/m2 production floor includes all newest manufacturing machinery.

6000 sq/m





Manufacturing resources

Engineering

Skilled engineers in the field of mechanics, electronics, electrical engineering.

Machinery

Reouel manufacturing center include the following machinery:

Cutting fiber lasers, punching, Polish, bending, welding stations

QA department

QA department includes management of the production plant

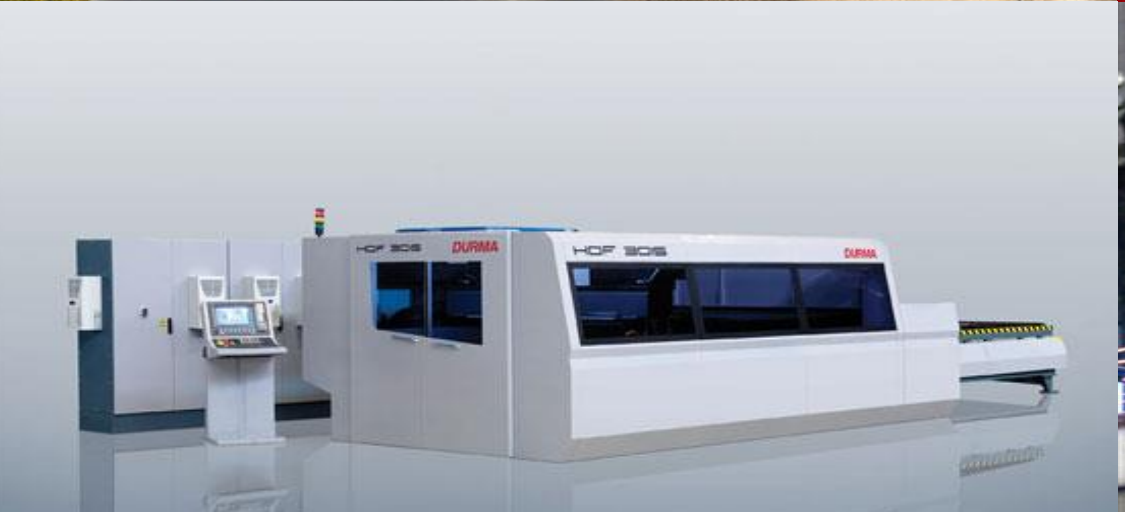
Integration

Assembling department In the field of – defence grade mechanics, electrical, electronics.








HCF 3015
DURMA
HCF 3015
DURMA



Tough247

Ruggedized naval MFC operator consoles

Crafted for: Sonar, EW, communication.



01 *Monitors positioning*

Can be supplied in any monitor positioning, with ergonomic angles for perfect usage.

02 *Off-the-shelf hardware methodology*

HW is COTS (low NRE costs), HW maintenance easy and fast.

03 *Modular work desk*

Tough247 work desk can be customized with low NRE costs.

Marine Bridges

Tailored marine bridge fabrication for: Vessels, OPV’s, submarines, training offshore.





01 Rich Experience

Thanks to its rich experience and reputation, Reouel Group performs marine bridges in the most professional and successful manner.

02 Innovation and user experience

With the help of the company's innovation and engineering approach, the marine bridge provided to the customer is the most modular and the most innovative.
The company always puts the convenience of the user in front of its eyes.

03 Easy to install

Reouel’s marine bridges have the simplest and fastest installation.
This fact saves the customer unnecessary

In 2022-2023,

Reouel Group received PO from Israel shipyards for 9 integrated marine bridge consoles for Philippines navy.

Reouel Group was responsible for the following tasks:

- **Engineer the console with Israel shipyards engineering department.**
- **Supply marine grade monitors and rugged computers.**
- **Integrate and assembly whole electronic, computing and communication HW in the marine bridge.**
- **Supply the bridges to Israel shipyards in Haifa.**





ToughRack

Ruggedized 19-inches rack series.
Crafted for: Communication, computing, navigation.



01 *Ruggedized structure*

Passed MIL-STD-167A lab test

02 *Easy to install*

The Tough Rack is welding free and can be installed in any tight area.
The ToughRack can be supplied as “flatpack”.

03 *Easy to install accessories*

Milrack’s special profile provide the customer to add any needed accessory without drill.

SIM247

Simulation / lab centers offshore operator consoles

Crafted for: simulators, labs, LBTS, training centers.



01 *Real mission “look & feel”*

SIM247 designed to meet the design of the ruggedized MFC operator console

02 *Off-the-shelf hardware methodology*

HW is COTS (low NRE costs), HW maintenance easy and fast.
The HW is industrial commercial with high reliability and cost effective.

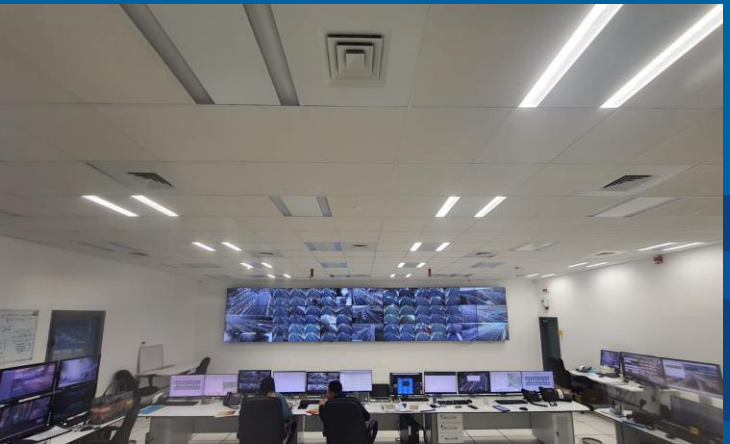
03 *Modular work desk*

Tough247 work desk can be customized with low NRE costs.

Royal Hawk

C&C rooms technical furniture series

Crafted for: Command and control centers, simulators and training centers.



01 *Hi-end design*

H.P.L surface with CNC automated curves.
Decorated and clean shape with maximum HW capability.

Modular

Based on unique and self-engineered Aluminium profile,
the RH provides easy monitors positioning change.

03 *Easy hardware assembly*

The royal hawk is autonomous solution which can adopt and manage any HW without caring out for room infrastructure.

ToughCase

Ruggedized, aluminum lightweight 19-inches portable rack series.



01 *Rugged, EMC, and waterproof resistance*

ToughCase is EMC-resistant and MIL-STD-810F-qualified.

The case meets IP65.

02 *Lightweight*

Thanks to sophisticated engineering and manufacturing technologies,

ToughCase is the most lightweight product in the industry.

03 *Stackable*

Several cases can be transported at the same time.

Aluminum Enclosures

Customized aluminum enclosures for sensitive products and missiles.







Additional services

Reouel provides unique services to create 360 degrees suit for the client.

- **<u>Engineering suit:</u> Provide custom solutions in low NRE costs, fast delivery.**
- **<u>Manage testing processes:</u> MIL-STD, EMI/RFI, IP Index, temperature, humidity.**
- **<u>Control & monitoring solutions:</u> Reouel develops tailored control & monitoring solutions for includes voltage, power, failure, humidity.**
- **<u>Cooling & heating solutions:</u> Reouel develops & manufacturing dedicated cooling and heating solutions for 19-inches rackmount racks.**



01 *Manage whole project cycle*

When client choosing Milrack additional services he can be relaxed to get his needs in the fastest delivery time, maximum precision on final product.



02 *Not falling apart*

When client choose separate suppliers, he can fall apart in the middle.
Each supplier not taking over the responsibility in this case.
Giving us 360 degrees on the process making the project much easier.



03 *Work with professionals*

Reouel isn't giving ordinary additional service for them client.
Because Milrack manufacturing the product,
We have the best knowledge how to engineer it, the best way to integrate 3rd party HW and more.

Hardware supply

Reouel supplies cutting-edge COTS HW.

- **Rugged displays, HMI, TID, panel pc.**
- **Rugged computing solutions**
- **Rugged ethernet switches**
- **Rugged All-in-one solutions**













Centeral clients in the **business domain.**

ATLAS ELEKTRONIK

Elbit Systems

RAFAEL

חיל הים

HarTech Technologies

DSIT SOLUTIONS

IAI

Thank you

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