Milrack

ראואל בע"מ
RE. OU. EL. LTD.

Tailor-made solutions

Established 1988

About us



Established in 1988,

Reouel Group is a leading manufacturer of C4Isr ruggedized solutions tailored for Naval and land domains.

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Key Values

Modularity

Milrack products are flexible, easy to install, and suitable for use with any accessory.

Full customization

Milrack products can be customized to meet the specific needs of a project.



Fast delivery

Most of the products are delivered within 6 weeks.

High quality

Milrack Quality Assurance is committed to providing perfect solutions with a high-end finish.

Milrack in numbers

Profession

Established in 1988.

Employment

The company has 60 employees working in management, engineering, sales, customer success, QA, and production roles.

35
Years

100+
Clients

60
Employees

6,000 sqm
Production plant

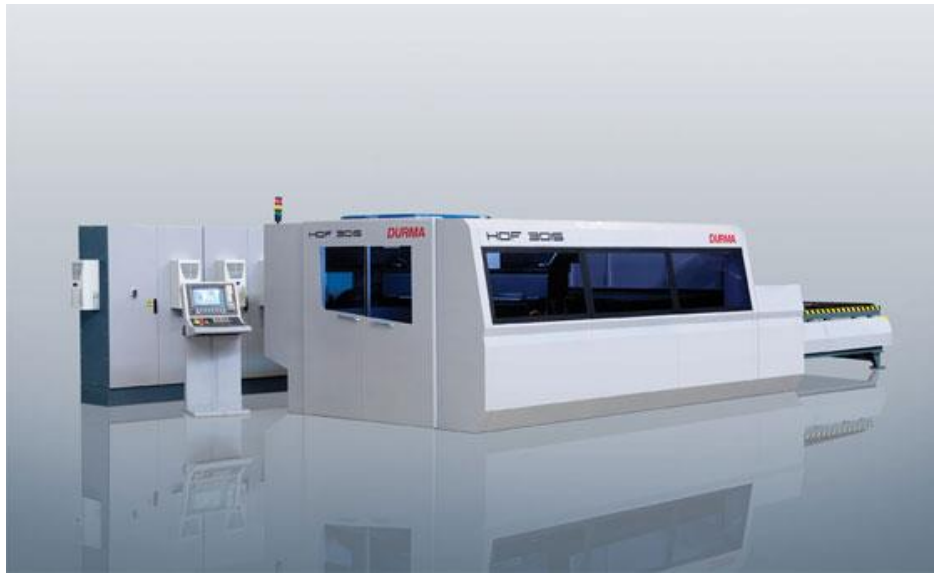
Satisfied clients

Over 100 delighted clients globally.

Hi-end production plant

Experience state-of-the-art manufacturing with our 6000 sqm production plant, featuring cutting-edge CNC machinery.

Engineering and manufacturing center











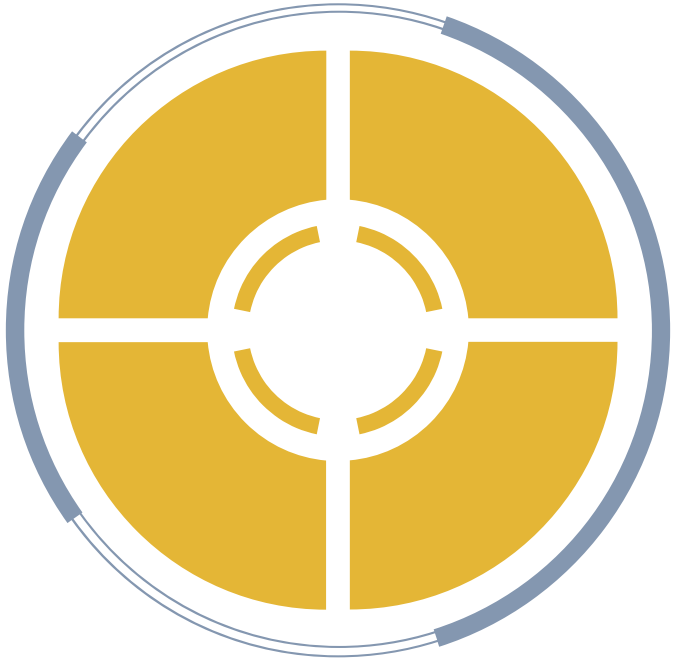
Manufacturing Resources

Engineering Department

comprises highly skilled engineers specializing in the fields of mechanics, electronics, and electrical engineering.

Machinery

Milrack machines include all necessary CNC equipment for cutting, punching, polishing, bending, and welding, including fiber laser welding.



QA department

The efficient functioning of the production plant is under the management of the QA department.

Assemblies

At the Assembling Department, we specialize in defense-grade mechanics, electrical, and electronics, ensuring top-notch quality and precision.

Tough247

Ruggedized MFC operator consoles crafted for naval systems, C&C mobile shelters, UAV flight station, and USV operations.





01 ***Monitors positioning***

Adaptable to any monitor positioning for maximum flexibility.

02 ***Hardware access and COTS platform***

Our hardware is commercial off-the-shelf (COTS), resulting in low non-recurring engineering costs. Hardware maintenance is both easy and fast.

03 ***Modular work desk customization***

The Tough247 work desk can be customized with minimal non-recurring engineering (NRE) costs.

Tactic247

Slim and tactical operator consoles series designed for small and tactical naval platforms, UAV or drones command cars, in-field simulators with limited space, and more.



01 ***Slim design, full ruggedized***

Maximize your workspace with a 26 cm depth, perfect for organizing audio appliances, connectors, keyboard, trackballs, and joysticks.

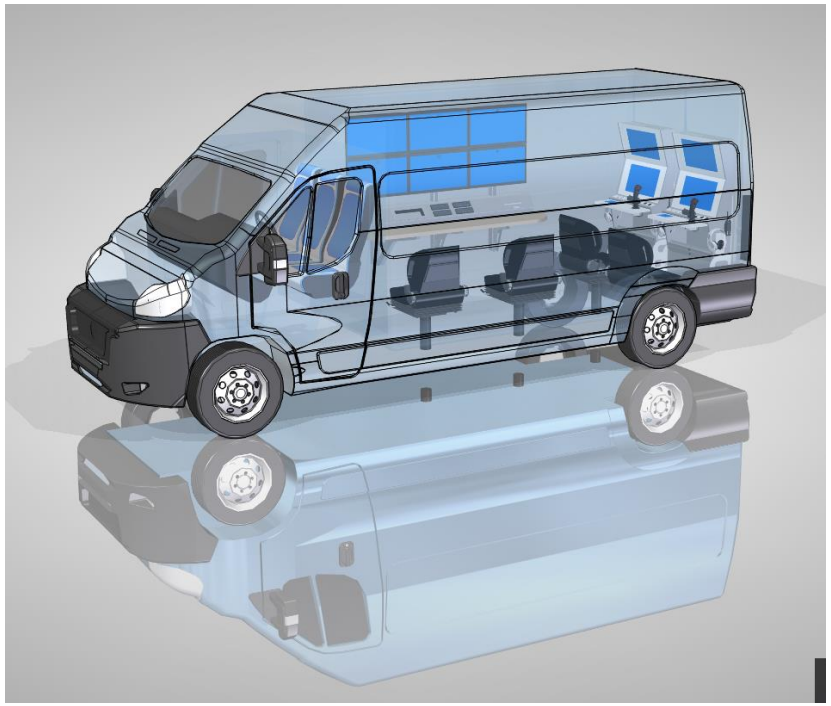
02 ***Hardware access and COTS platform***

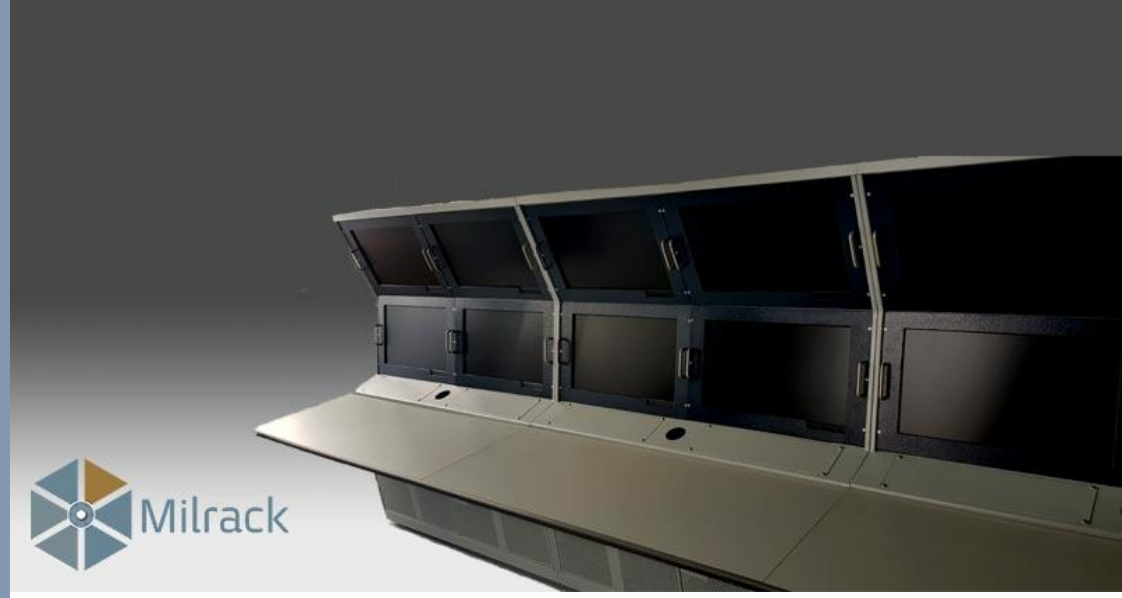
Opting for Commercial Off-The-Shelf hardware results in low non-recurring engineering costs. Additionally, hardware maintenance is quick and straightforward.

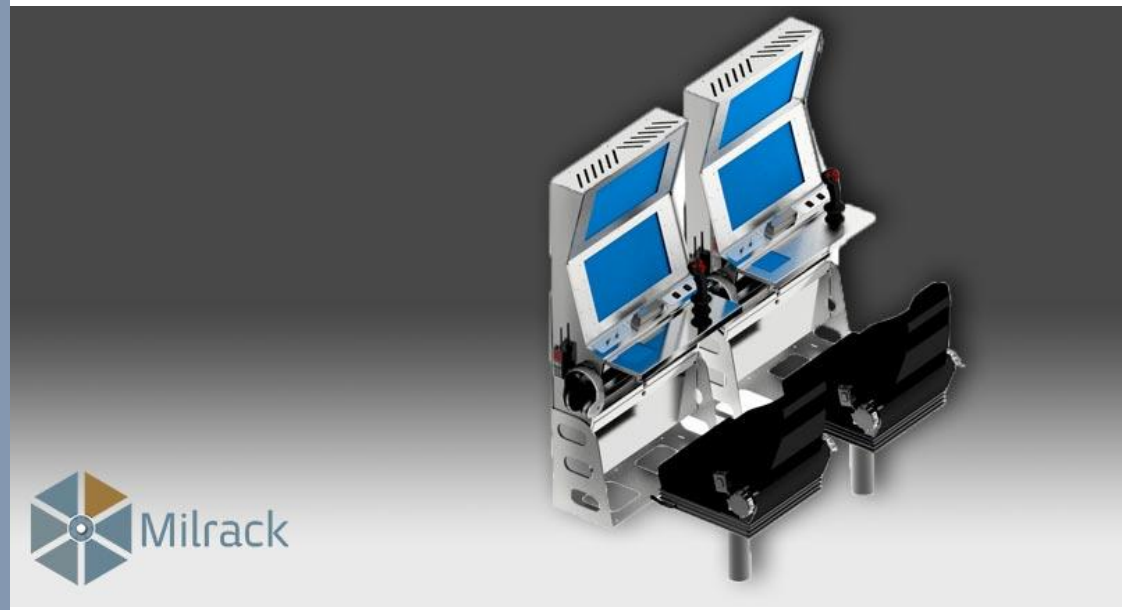
03 ***Modular work desk customization***

Introducing Tough247 work desk— customizable with low NRE costs.

Tactic247







ToughRack

Ruggedized 19-inches rack series.

Crafted for: Mobile shelters, naval systems, command stations.



01 ***Ruggedized structure***

MIL-STD-167A

02 ***Easy installation***

The Tough Rack is welding-free and can be installed in any tight area.

03 ***Easy accessory adaption***

Experience the convenience of Milrack's special profile, which enables you to easily add any required accessories without the hassle of drilling.

ToughRack







ToughCase

Ruggedized transit cases series.
Designed for: Tactical communication, tactical outdoor radio, or VSAT systems.



01 ***360* harsh environment protection***
MIL-STD-810F (Drop test)
IP-65

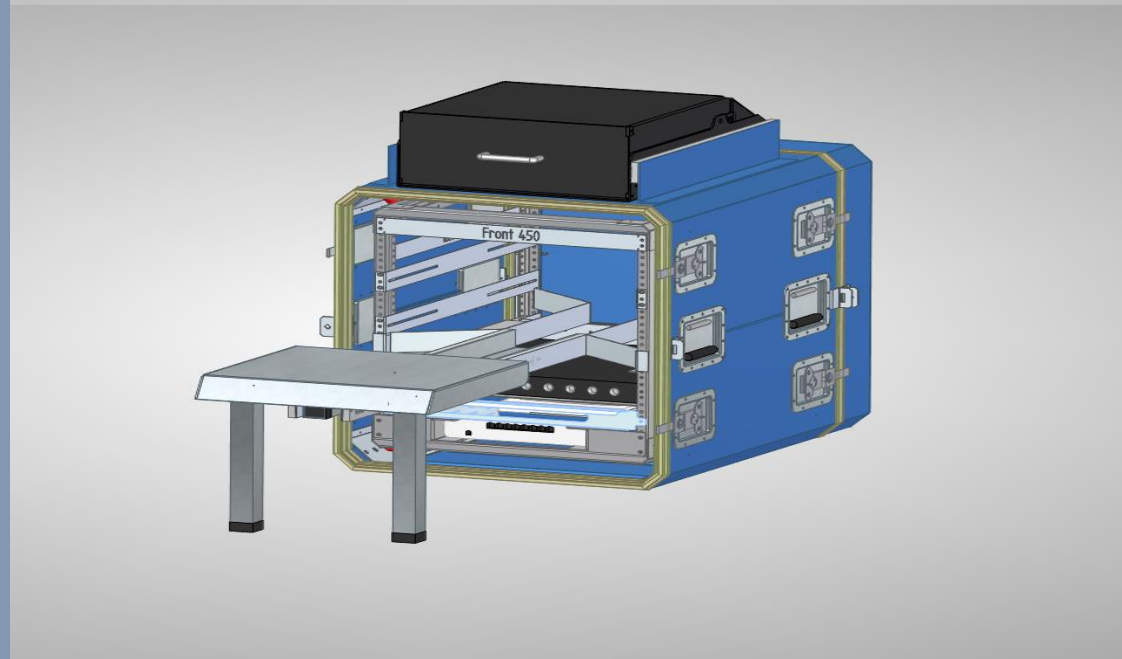
02 ***Light weight***
Tough Case is light weighted –
15-25 KG's (6-12U).

03 ***Full customization***
Get the ultimate Tough Case with all your I/O and cooling requirements covered.

ToughCase







Royal Hawk

Introducing the C&C Rooms Technical Furniture Series. This furniture is designed for C&C centers, ground stations, labs, and simulation centers.



01 ***Hi-end design***

Experience the durability and precision of H.P.L. surfaces with CNC automated curves. Embrace the sleek, adorned design that offers maximum hardware capability.

02 ***Modular***

Considering its Aluminum unique profile, the RH allows for effortless adjustment of monitor positioning.

03 ***Easy hardware assembly***

The Royal-Hawk is an autonomous solution that can adapt to and manage any hardware without requiring changes to the room infrastructure.

Mobile Solutions

We provide turnkey supply of command vehicles, mobile shelters, and ground UAV stations for special operations.







Mobile Solutions







Additional services

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

- **Engineering suit: Provide the client with a cost-effective and efficient solution, from concept to product, with the latest technology and rapid delivery.**
- **Manage testing processes: MIL-STD, EMI/RFI, IP Index, temperature, humidity.**
- **Control & monitoring solutions: Milrack develops and creates tailored control and monitoring solutions for 19-inch racks. MFC operator consoles include voltage, power, failure, and humidity.**
- **Cooling & heating solutions: Milrack develops and manufactures dedicated cooling and heating solutions for 19-inch rackmount racks. The solutions come with a variety of environmental resistances.**



01

Manage project cycle

When a client chooses Milrack's additional services, they can relax knowing their needs will be met with fast delivery and maximum precision.



02

Not falling apart

When a client chooses too many suppliers, they can get caught in the middle. Each supplier doesn't take responsibility in this case. **Having 360-degree insight makes the project easier.**



03

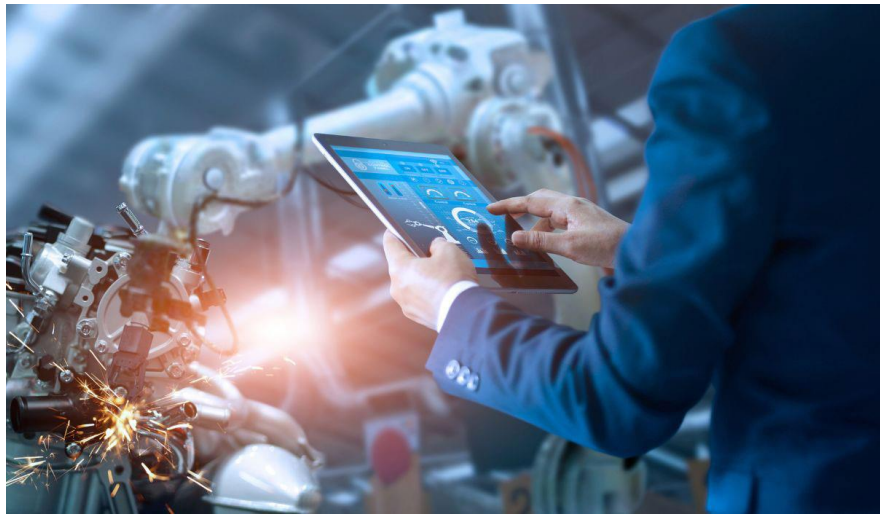
Working with professionals

Milrack delivers exceptional additional services to clients.

Manufacturing the product enables us to offer superior engineering and seamless integration of 3rd party hardware.

Special services

Engineering suit



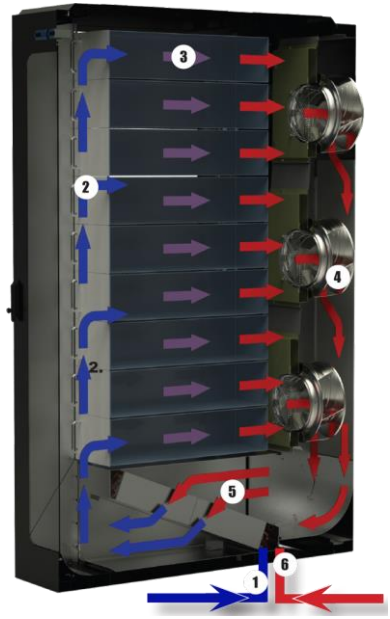
Tests processes management

MIL-STD 810G	Test Method 500.5 Low Pressure	Test Method 501.5 High Temperature	Test Method 502.5 Low Temperature
	Test Method 503.5 Temperature Shock	Test Method 504.1 Contamination by Fluids	Test Method 507.5 Humidity
	Test Method 509.5 Salt Fog	Test Method 514.6 Vibration	Test Method 516.6 Shock
IP67	Dust Proof	Water Resistant	
Certification	CE	ID: 2AH78-APTT1 FCC	ID: 21419-APTT1 IC

Integrations & assemblies



Cooling & heating





HW Integration and supply

Cutting-edge COTS HW supply, integration and assembly.













GET IN TOUCH!

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