



IT Rack[®]

Organize and Protect Your IT Infrastructure

COMPANY PROFILE



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THE COMPANY



ITRack is a leading Italian brand with over 40 years of experience in manufacturing ICT&IT infrastructure solutions designed to optimise energy efficiency, improve accessibility and ensure security in IT environments.

We develop and produce **rack cabinets, containment systems and complete solutions** to realise any type of **ICT& IT Network and Data Center infrastructure**.



THERE ARE SEVERAL
STRENGTHS THAT
MAKE US A VALID
INTERLOCUTOR AND
A POINT OF REFERENCE
FOR EVERY OPERATOR
IN OUR MARKET



SUPPORT ACTIVITY

during the design phase of Data Center infrastructures



ABILITY TO CREATE TAYLOR-MADE PRODUCTS AND SOLUTIONS

to meet specific requirements



WIDE RANGE OF PRODUCTS

suitable for any requirement



EXTREMELY FAST PRODUCTION AND DELIVERY TIMES



SIGNIFICANT PRODUCTION CAPACITY

for each type of product



QUALITY AND COMPETITIVENESS

across the entire product range



Visit the Demo Center in Marostica



The ITRack Demo Center in Italy offers an interactive overview of the latest technological innovations, with a focus on Data Center products and solutions.



Mission

Consolidate its leadership both in Italy and internationally, so that the ITRack brand, synonymous with technological innovation, quality, reliability and competitiveness, is recognised as a benchmark by industry professionals, such as installers, resellers and distributors.



Philosophy

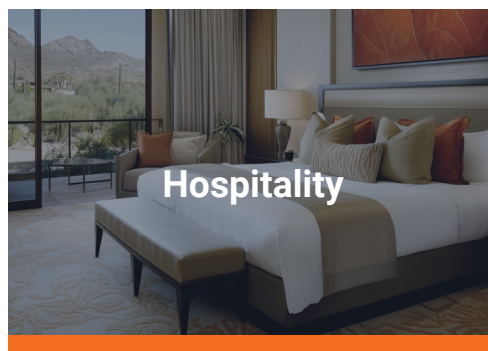
Constantly searching for cutting-edge technological solutions, respect for the value chain of retailers and distributors, and the market access model are central to ITRack's philosophy and strategy.





Markets

We have extensive experience in developing IT infrastructure solutions, including rack cabinets, containment, Smart PDUs, Micro Data Center and DC Containers, all designed to facilitate technological evolution. Our proposals aim to optimise energy efficiency, increase accessibility and ensure security in the IT sector for various markets.



PRODUCTS AND SOLUTIONS





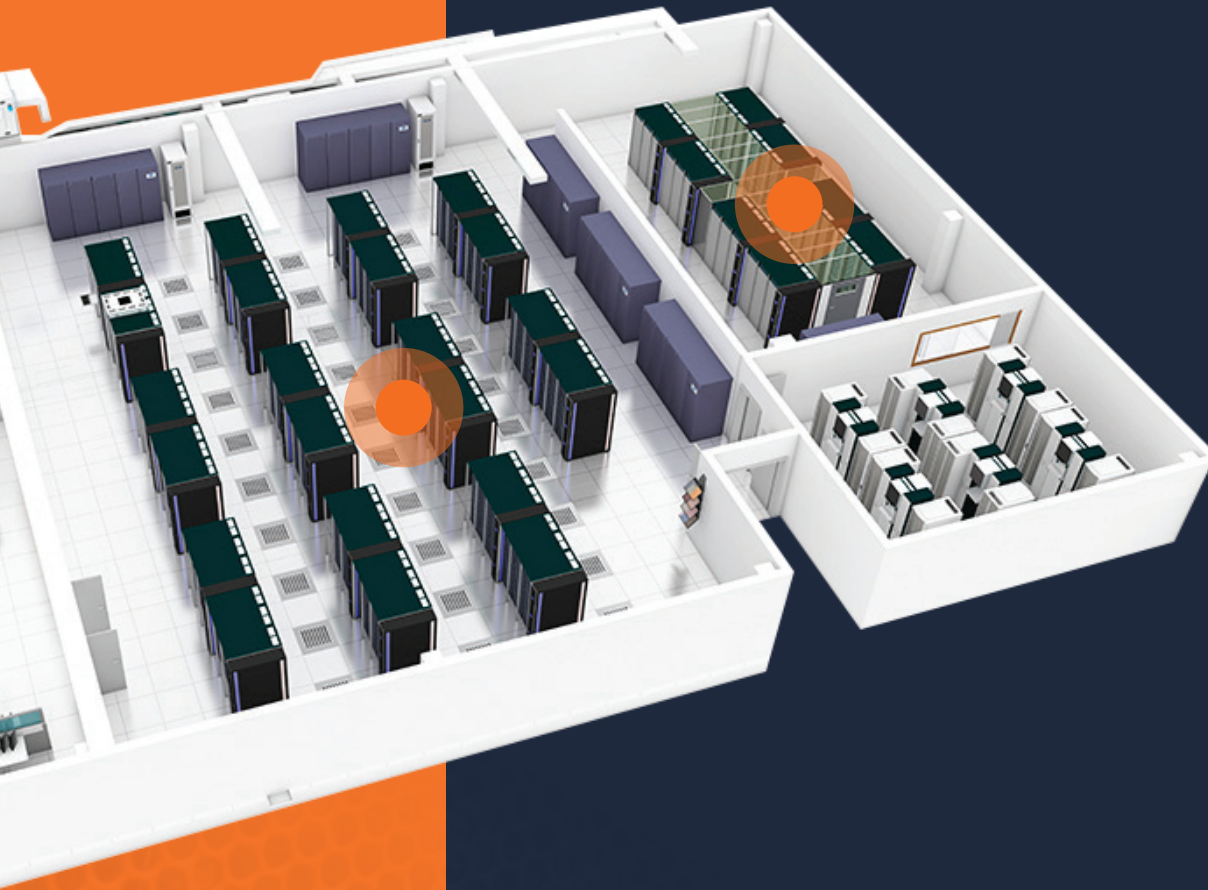
IT Infrastructure



Data Center



Cooling Solutions



IT INFRASTRUCTURE

Rack cabinets are essential for organising and protecting IT equipment, both indoors and outdoors. We offer rack cabinets in different heights, widths and depths, with the possibility of customisation through glass doors, blind doors and ventilated doors. For outdoor environments, these cabinets are designed to withstand the elements, made of corrosion- and moisture-resistant materials that can withstand extreme temperatures and harsh weather conditions.

NETWORK, SERVER AND OFFICE RACK CABINETS

The Network, Server and Office Series rack cabinets offer space-efficient storage, allowing servers, switches, routers and other equipment to be organised in an orderly and accessible manner.

They can be used in a variety of contexts, including Data Center, office and laboratory environments, and are an integral part of the design and implementation of computer networks.



INDUSTRIAL INDOOR RACK CABINETS

The IP55 and IP65 Industrial Indoor Series rack cabinets are designed for industrial applications, and are suitable where exposure to dust, dirt and moisture is highest.

Choosing between IP55 and IP65 cabinets depends on the specific environmental conditions and protection requirements of the equipment.



INDUSTRIAL OUTDOOR RACK CABINETS

The IP55, IP65 and IP66 Industrial Outdoor Series rack cabinets are designed for outdoor applications; these cabinets are completely dustproof and resistant to water jets from any direction.

They are suitable for more severe outdoor environments, where greater exposure to weather elements such as rain, snow and humidity is expected.



DATA CENTER

We offer support for the design of Data Center infrastructures with a wide range of products and solutions for different needs. We are able to create customised products and solutions to meet specific requirements, ensuring short production times and deliveries. Furthermore, we are committed to maintaining high standards of quality and service, which are hallmarks of our competitiveness in the industry.



RACK CABINETS RS ÈLITE 4DC

Innovative RS Èlite 4DC line of Data Center rack cabinets, designed for maximum efficiency and security for your IT system.

With high-quality materials and an elegant design, our rack cabinets are the ideal solution for optimising space and organising your devices.





ITCAGE CONTAINMENT

Hot or cold aisle containment solution in Data Center are designed to optimise cooling efficiency. In a Data Center, servers produce significant amounts of heat, and managing this heat is crucial to ensure effective and reliable server operation.

ITCage is both robust and functional, providing excellent flexibility. Its modular configuration facilitates expansion and adaptation, allowing it to meet your evolving needs.



ITPOWER SMART PDU

ITRack's ITPower PDUs are specifically designed for use in Data Center and network environments, where they distribute power to various electronic devices such as servers, storage systems, network switches and other IT equipment.

PDUs play a key role in power management, ensuring the continuous and reliable operation of IT infrastructures.



DATA CENTER

MDC EDGE CUBE 4.0

MDC Edge Cube 4.0 is ITRack's solution for building your Micro Data Center. A modular, self-contained, secure, cost-effective and portable system consisting of server cabinets with typical Data Center functionality, including: cooling systems, UPS, Smart PDUs, sensor monitoring, access control and fire protection system.

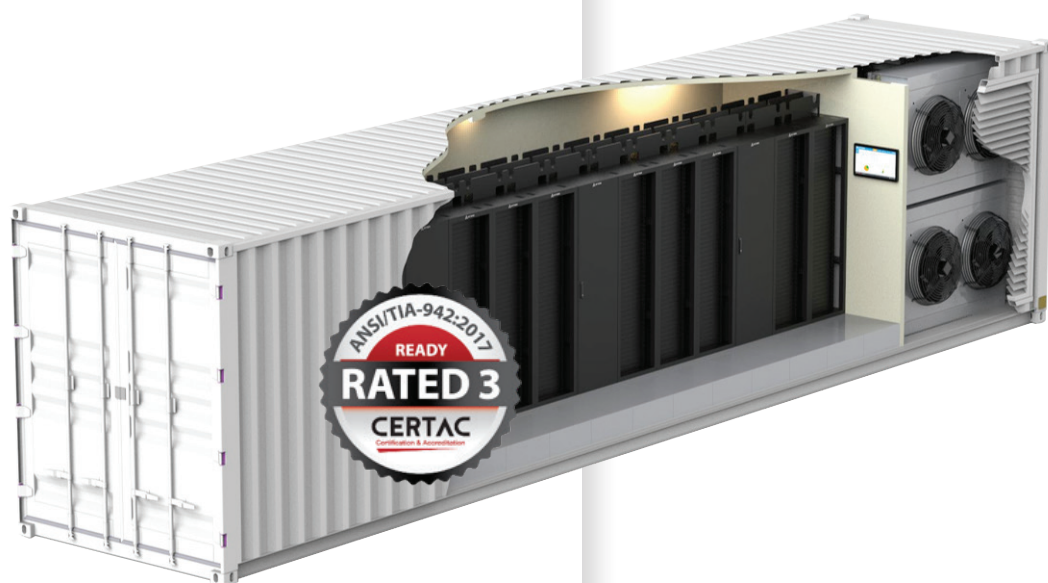
Especially useful for companies that need data processing close to where the data is generated, improving latency times and data security.



DC CONTAINER

Container Data Center are IT infrastructure units designed to be transportable and scalable, housing typical components of a traditional Data Center within a standard container. These units offer the ability to rapidly deploy computing resources in different locations, boasting flexibility in configuration and easy expansion in response to growing business needs.

ITRack's Data Center containers also offer advantages in terms of energy efficiency and thermal management, thanks to the integration of specially designed cooling systems. DC Containers are a versatile option for organisations looking to expand their IT capacity quickly and modularly.



COOLING SOLUTIONS

ITRack's IT cooling solutions are based on optimisation criteria aimed at energy efficiency, with the objective of reducing consumption and consequently operating costs. Our products are designed for the most critical technological contexts, including Data Center, Edge, Micro Data Center, Tertiary and Industrial.

DATA CENTER

ITCold direct expansion and chilled water coolers are two solutions used for cooling rack cabinets and storage islands.

These systems can offer localised cooling, allowing better management of the heat generated by servers inside cabinets or for applications requiring large-scale cooling and can handle high thermal loads.



MICRO DATA CENTER

ITCold In-Row Precision Coolers are placed directly between rack cabinets, providing direct and efficient cooling. Alternatively, InRack Coolers can be installed directly inside the rack cabinet, providing localised and equally effective cooling, perfect for Micro Data Center and Edge Computing.



HPC (HIGH PERFORMANCE COMPUTING)

ITRack's HCS utilises two-phase direct-to-chip liquid cooling, which combines evaporation and condensation phases to efficiently manage heat at the processor level.

This technology not only optimises cooling performance, but also sets a new benchmark in terms of energy savings and operational sustainability for modern Data Center.



COOLING SOLUTIONS

INDUSTRIAL

Vertical-mounted air conditioners and roof-mounted air conditioners are two options used for industrial enclosures with an IP55 degree of protection, indicating good dust resistance and splash water protection.







Organize and Protect Your IT Infrastructure

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