DATA CENTER

All TWT's services are delivered from its proprietary Data Center. This physical server room hosts Clients' infrastructures.

Thanks to the partnership with Schneider Electric, TWT has developed a reliable, scalable and efficient Data Center with cutting-edge devices and technologies. The infrastructure guarantees modularity and equipment redundancy to maintain high performance and low energy consumption.

MODERN TECHNOLOGICALLY ADVANCED DATA ROOMS IN THE HEART OF MILAN

POWER SUPPLY

TWT's Data Center power supply is 1000KW, thanks to a proprietary and completely redundant medium voltage cabin with two transformers. **The power supply is ensured by two independent generators with 48-hour guaranteed minimum autonomy.** The data rooms are powered by two separate switchboards, each with a line from a medium voltage cabin and from an emergency power supply generator. Every switchboard powers a dedicated modular UPS, which in turn powers each cabin with independent lines, creating an "island" chain of power, **eliminating the Single Point of Failure.** This system allows for maintenance to be done without interrupting the service, thus guaranteeing **business continuity.**

COOLING

Infrastructure cooling is done with a refrigerated water system configured with N+1 redundancy. The state of the art aircooled chillers use freecooling and an advanced control system to reduce electricity consumption to the minimum. Two distinct distribution lines are used to carry water to the room's redundant cooling units, guaranteeing an input temperature of 18-27°C, in accordance with current industry standards.

CONNECTIVITY

Data Center connectivity comes from different fiber optic rings, owned by TWT and partially by the major operators in the sector, present in the dedicated "meet me" room.

ACCESS

Access to the premises location requires a personnel badge and is monitored 24hrs/day. The Data Center is protected by surveillance and security services to guarantee **maximum device and data safety.**

TWT's **Data Center** is the perfect environment to host Client infrastructures. Clients can take advantage of:

CO-LOCATION

Co-location services help protect essential data with the highest level of operational security and reliability. **Thanks to state of the art power and cooling systems, security and connectivity the TWT datacenters guarantee the highest levels of uptime no matter your requirements.** TWT points of presence provide access to vital ecosystems where large networks and companies interconnect. Through agreements with partners who are leaders in the sector, TWT has access to comprehensive coverage while maintaining high-quality standards of performance, reliability, security and network selection. TWT's Data Centers operate in Milan, Italy.

INTERCONNECTION SERVICE

TWT puts globally distributed infrastructures and digital ecosystems in communication directly, safely and dynamically. It **establishes network connections between Data Centers**, both within a metropolitan area and globally, with interconnections that guarantee maximum reliability and safety and minimum latency.

NETWORK HUB

With its global presence, TWT can interconnect 52 countries. We are present in strategic areas like Caldera Park, the technology campus in Via Caldera in Milan, at MIX and AVALON room. There, traffic can be exchanged through interconnection with over 155 national and international operators.

ADVANTAGES

• Totally scalable and flexible resources
• Maximum systemic and infrastructural security
• The most important national and international operators
• Direct connection via dedicated fiber to Mix in Milan (Milan Internet eXchange)

DATA CENTER CERTIFICATION

• **ISO 9001 Quality Certification**
• **27001 Security Certification**

For companies who need additional certifications, TWT can offer personalized solutions thanks to close partnerships with Data Centers in possession of **Tier IV** and **ANSI / TIA-942.**

CO-LOCATION & INTERCONNECTION