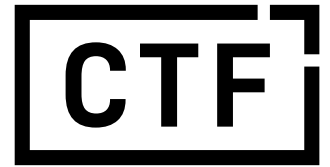


CONSOLES

VS OFFICE FURNITURE

There are numerous compelling reasons to choose consoles over office furniture for critical applications like control rooms. Control room environments are unique areas within an organization where vital operations occur. Operators often make life-and-death decisions, and their focus must remain undisturbed. Due to the importance of these functions, ISO has established specific standards for control room design.





The ISO-11064 standard for control room design thoroughly outlines the key factors regarding control room console furniture and room configuration. At CTF, our console furniture is designed in compliance with this standard. **Here are the TOP REASONS to opt for purpose-built consoles over office furniture:**

01

CAPABILITY TO HANDLE HIGH EQUIPMENT LOADS

CTF consoles are engineered to support high equipment loads, such as multiple monitors and processors, while ensuring ergonomic design. Operators might need to monitor 3-5 or more screens simultaneously, and CTF consoles efficiently manage these multi-monitor setups. In contrast, office furniture is typically designed for one or two monitors, and adding more screens reduces its ergonomic effectiveness. In critical environments, where missing any information is not an option, using traditional office furniture increases the risk of oversight.

02

EFFECTIVE EQUIPMENT MANAGEMENT

An important aspect of equipment load management is the organization of processors and peripheral devices. CTF consoles are purpose-built to securely house processors behind closed, lockable doors at the console's base, preventing accidental bumps or disconnections of wires. In contrast, traditional office furniture might have processor holders but lacks adequate equipment protection and cannot support multiple processors without sacrificing ergonomic knee space.

03

ENHANCED WIRE MANAGEMENT

CTF consoles are designed with sophisticated wire management features, offering multiple levels for organizing wires. This design allows for the separation of high and low voltage cables, such as power and data, and extends wire management solutions right to the user interfaces. In contrast, office furniture typically lacks the capacity for extensive wire management, making it unsuitable for environments with heavy equipment loads. In control rooms, particularly during critical incidents, effective wire organization is crucial to minimize downtime when swapping or adding equipment.

04

DURABILITY AND RELIABILITY

Control room environments operate around the clock, placing significant stress on the equipment. CTF consoles are designed to withstand this continuous use. They feature a steel substructure and high-performance materials that are far more durable than traditional furniture. Office furniture, which is designed for an 8-hour workday, five days a week, wears out three times faster than purpose-built consoles. In control rooms, any breakdown of furniture can cause major disruptions for operators, potentially leading to serious consequences.

05**EXTENDED WARRANTIES**

CTF console furniture is guaranteed for continuous 24/7 use, whereas traditional office furniture is not. Even if an office furniture supplier offers a warranty for such intensive use, they often lack the infrastructure to provide timely repairs and replacements. This can lead to extended periods where the control room is not fully operational.

06**EASY EQUIPMENT ACCESS**

CTF control room consoles are designed with easy access to CPUs and rack-mounted equipment with pull out trays. This feature enables IT departments and service providers to perform equipment repairs, replacements, or updates without interrupting room operations. In contrast, traditional office furniture lacks this capability, leading to disruptions during such activities.

07**ADAPTABILITY FOR FUTURE CHANGES WITH CTF CONSOLES**

Another crucial factor in control room environments is the ability to reconfigure furniture for future changes. Traditional wood furniture, made with glue and screws, lacks the flexibility to adapt. However, CTF consoles, featuring a metal substructure, can be easily reconfigured to meet future needs without starting over.

