Constant Technologies, Inc.

# The Case for Consoles

## Reasons to choose custom

# Introduction

The cost difference between command center desks and office furniture can be significant, which often leaves people questioning whether the price is worth it. Is there a difference? Rather than fitting a client's needs into an existing product line, consoles allow for complex technology solutions designed with specific requirements.

In a 7×24 command and control environment, choosing operations center consoles over regular office desks is important for uninterrupted processes.

# Why Choose Consoles

### Purpose-built for mission critical

Office furniture from a traditional manufacturer is mass-produced and built for a variety of markets that may not suit the unique needs of an operations center. Command center consoles, on the other hand, are specifically designed to handle the day-to-day requirements of a mission critical environment. From CPU storage and the ability to accommodate multiple monitors to console strength and task lighting, custom operations center furniture is much better suited to a 24/7 operations space than pre-built desks. Constant Technologies custom designs, builds, and installs command center desks for each project individually, allowing additional factors such as sightlines, layout, and room size to contribute to the creation of customized consoles.

### Ergonomically designed

Nowhere is the ergonomics of a desk more important than in command and control environments, where operators work long shifts and the space experiences 24x7 coverage. Command center consoles can incorporate detailed ergonomic elements that would be overlooked in mass-produced furniture. In addition to basic ergonomic options such as adjustable height for sit-stand capabilities, custom consoles can add in more nuanced ergonomic details such as sight line considerations.

In a mission critical space, operators often have multiple monitors in addition to a large video wall that displays shared data. It is imperative that operators are able to look view all the screens comfortably. As custom console designers, Constant conducts sightline analyses to determine the best arrangement for consoles and monitors as well as the ideal distance between operations center desks and the command center video wall.

### Equipment Accommodations

From regular operations to critical events and responses, operations centers need a variety of technology to be able to handle any potential incident. Mission critical consoles are specifically designed with the accommodation of various technologies in mind. Whether it is the ability to mount multiple monitors or the space to house a number of CPUs within an enclosed module with adequate ventilation, a custom console provides an operation with the proper accommodations for operators' needs.

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While standard office furniture is typically designed to house one PC and perhaps a couple of monitors, custom consoles such as those provided by Constant are not one-size-fits all and can accommodate all equipment needs for both utility and cleaner aesthetics. In addition, Constant can provide consoles with both front- and rear-facing doors to allow access to critical equipment when maintenance is necessary. Louvered grills in console doors and exhaust fans assist in keeping equipment heat levels down.

## Cable management

Command center desks need to be able to house an above-standard amount of technology in comparison to regular office furniture. The ability to manage the numerous cables that come with the increased amount of technology is key to keeping everything running smoothly, as well as to keep the space looking neat. In both fixed height and adjustable height consoles, Constant makes clean and effective cable management a priority. Cable organization in a control room is not purely for aesthetic reasons; mismanagement of cabling can cause crimping or other damage to cables, which may interrupt vital operations.

## Durability

A key component of control room and operations center design is the incorporation of products that can withstand constant use 24 hours a day, 7 days a week. While operation center consoles can be a significant investment compared to office furniture, they are built to withstand the test of time with sturdier materials and construction. Constant's custom command center furniture features hardy, high-pressure laminate finishes and an extruded urethane impact resistant waterfall edge designed to endure 24/7 wear. In addition, the substructure of Constant's mission critical consoles is constructed with metal or high strength aluminum rather than wood. Operations center desks from Constant come with a lifetime warranty, meaning that operations won't need to be disrupted to replace broken-down furniture.

## Conclusion

While pre-fabricated office furniture can be a tempting choice due to convenience and price, in the world of mission critical choosing custom console furniture pays off in the long run. Selecting furniture for your 24/7 operation is a choice that should only have to be made once, which is why Constant Technologies takes immense care in tailoring a furniture solution to your exact operational requirements.

# About Constant

Constant Technologies, Inc. is a premier mission critical systems integrator providing customized audiovisual integration of large scale operations center video walls and control center console furniture worldwide. With over three decades of experience, Constant's team has the knowledge and clearance to work with sensitive environments in both the public and private sectors and has implemented turnkey solutions all over the world.

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Constant designs, installs and services projects of all scopes and sizes to create solutions with the highest levels of security, aesthetics and functionality in mind. Some of Constant's installations include: EOC builds, Network Operations Center design, Fusion Centers, Security Operations Centers, Control Room Design, Social Media Command Centers, and other command and control environments.

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