Evaluating Control Room Consoles for Critical Applications

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Whether it is a port, mining center, manufacturing unit, airport, military center, or a federal establishment, a control room is where the most decisive action takes place. And often, it is the presence of intelligently designed control room consoles that bring out the best in the people who use them. There could be two or as many as hundred people working in a control room, or command and control center. The specialized furniture used in these rooms must be ergonomic, expandable and versatile. Certainly modern consoles add aesthetic value to the room, however more importantly, they bring cutting-edge technology to a userâ€™s fingertips.

Designing and manufacturing modern control room furniture is not something that is learned overnight. One needs to partner with a firm that has extensive experience with control room space planning, specialized furniture design, and state-of-the-art manufacturing. The following are examples of where control room consoles are used:

Monitoring industrial processes and financial data..

Call taking for help-desk and 911 emergency dispatch.

Traffic management for local municipalities.

Air traffic control (ATC).

Dual purpose conference and training rooms.

Emergency management centers at all levels of government.

In almost all cases, control room furniture, including dispatch consoles, need to be customized to suit specific operations. Such furniture can also be configured to take advantage of large video walls used for displaying real time data and changing events. There are drawbacks to the use of office furniture for critical operations because office furniture is not designed for intensive use and to accommodate the equipment typically employed in control room consoles. By opting for custom-made control room furniture or dispatch console, one can expect high quality materials that last for many years. Choose a control room furniture brand that is modular in design that allows for either end-user or factory installation.

Working in a control room is a stressful job requiring concentration and attention to detail. In such an environment, ergonomic, user-friendly and aesthetic control room furniture help maintain high levels of productivity. A good control room console certainly helps operators perform their jobs better, especially during a crisis.

When one engages an experienced control room solutions provider, one stands to benefit on many fronts. One doesnâ€™t have to spend too much time on the details of control room space planning and furniture design. All that is needed is a vision sufficient for the professionals to provide a solution. It can be challenging to replace, or acquire quality control room consoles; however with the appropriate guidance from an experienced company that specializes in control rooms, the task is substantially easier. Doing oneâ€™s home work and taking the time to evaluate several companies will pay dividends in the long term.

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Jerry Herrington - About Author:
I have over 20 years experience helping people design and outfit their spaces with the latest control room console and a LCD video wall systems. In todays market LCD video wall is most commonly used in control rooms and command centers for controlling and managing informations. Check out online for right a dispatch console and free needs analysis, space planning and cost estimate.

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