

Case Study: Tampa International Airport



Product:

Profile Console
Optimedia Storage Cabinets

Location:

Tampa, FL

Market Served:

Transportation

Application:

Communications Center

Client Situation

Tampa International Airport in Florida has provided the Tampa, St. Petersburg and Clearwater service area with world class air transportation services and facilities for more than 35 years. In 2006, nearly 19 million passengers utilized Tampa International Airport and forecasts project passenger activity will increase to 30 million passengers by 2025. It has become one of the pre-eminent airports in the world.

Challenges

- Effectively manage the technology and ergonomic requirements of the dispatchers while providing a professional showcase environment for public viewing.
- Anthropometrics—ability to accommodate various body types in this multi-shift, shared workstation environment. The Communications Center employs dispatchers whose heights range from 5' to 6'7" tall.
- Ergonomics—the consoles had to comply with current and future ergonomic standards for dispatch centers.
- Consoles needed to accommodate a minimum of four 20" monitors in a parabolic array and one keyboard with the possibility of additional monitors being introduced in the future. Dispatchers must view monitors and perform required tasks in an efficient, ergonomic and comfortable manner.

- Line of sight—dispatchers had to have a clean line of sight to a large video display wall which mandated that the consoles not exceed 45" in height.

Installation

Located adjacent to the Incident Command Center, the new Communications Center is approximately 2,100 sq. ft. The large video display wall separates the main Communications Center from an adjoining equipment and storage area. The layout of the communications portion where Eaton's Profile® advanced console system is used is approximately 1,300 sq. ft.



Powering Business Worldwide

System Specifications

The communications center features custom designed consoles arranged in a concave configuration with connecting worksurfaces. Each console consists of a 72" wide angled, single electronic, height adjustable lift with an integrated keyboard solution. The consoles accommodate 19" EIA rack-mount technology, as well as up to five flat panel displays. They are finished in black steel with a charcoal matrix

lamine on the worksurface and complimentary neutral colored acoustical panels.

The Communications Center also uses several of Eaton's Optimedia® storage cabinets to house supplies, documentation and reference manuals. Modular Hoover™ Panels are also incorporated into the center to surround the copy station.



Tampa International Airport aims to exceed its customers expectations by providing the most efficient, safe, secure, convenient and cost competitive air transportation center in the world.



Low profile consoles provide clean line of sight to video display wall.



Consoles are finished with neutral colored acoustical panels.

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Publication No. PFL07FXA/8-11