

Lockheed Martin

Suffolk, Virginia

Corporate | Residential | Education | Government | Hospitality | Transportation | Health Care | Cultural and Event Centers | Commercial Lighting

Lockheed Martin is a global security and aeronautics company, and major supplier to the US Department of Defense. Furthering its commitment to world-class technology and design, including its \$12.3 billion aeronautics division, Lockheed Martin built a 50,000 square foot Center for Innovation. Located in Suffolk, Virginia, and headed by its “best labs and brightest minds,” the center is a powerful, net-centric experimentation and analysis laboratory that serves as a focal point for resourceful thinking and revolutionary technology.

Lockheed Martin chose Crestron for the most complete, reliable and secure solution.

The Center for Innovation can accommodate full-size aircraft and vehicles, simulators and other devices for on-board demonstration and experimentation. The vast facility is configurable into “sectors” which support civil, intelligence, DoD and other sensitive and classified projects.

A project on this scale and magnitude requires a state-of-the-art, integrated network control system to ensure functionality, ease-of-use, resource management and efficiency. Lockheed Martin, a leader in IT and aeronautic systems, turned to Crestron, the leader for advanced control and automation systems. Lockheed Martin chose Crestron for the most complete, reliable and secure solution.

The development of a sophisticated AV distribution system with video-conferencing capability to support the diverse set of user requirements was specified. General Projection of Lake Mary, Florida, an established partner of Lockheed Martin for government command center projects, was called upon to help design and install the Crestron system. Drake Wayson, President of General Projection, said: “We are pleased this project was designed around dependable Crestron control system technologies. Every system has several Crestron TPS-6000 touchpanels while the total networking of the multiple PRO2 controllers allows users to monitor systems and make complicated fiber optic routing changes on the fly from their desk.”

Flexible, high-resolution systems were designed and implemented throughout the building to meet Lockheed Martin’s varying requirements. From a theater-like auditorium capability featuring Christie Digital’s award-winning Roadie 25K projector and a



complete JBL surround sound system, to the gigantic projection screens that support command-center type functions in various sectors, Crestron technology delivers the ultimate visualization experience by putting all these controls into one intuitive system. Most of the center’s systems utilize high-resolution (SXGA+ or UXGA), high power (6,000 - to 25,000-lumen) Christie Digital projection systems and are augmented by Clarity Visual Systems UXGA Lion video wall cubes as well as Bay Cat and Bobcat LCD Displays and Bengal DLP systems.

Crestron 2-Series Control Systems are the brain of this complete integrated solution with every audio, video and environmental command easily accessible through touchpanel control. Crestron 2-Series control systems are unmatched for power, performance and scalability, providing the ideal choice for today’s demanding control applications. The flagship PRO2 is designed to seamlessly manage these types of large-scale commercial operations.

Now, Lockheed Martin personnel can conduct defense demonstrations to Army officials in one sector while virtually flying an F/A-22 in another, and demonstrating the latest first-responder technology to city officials in yet another – all in the same facility. Through this unique Crestron integration, customers and VIP’s experience the true connection among all aspects of Lockheed Martin technologies and products.

As Lockheed’s defense and homeland security customers turn their attention to integrated, networked capabilities, its new Crestron-controlled Center for Innovation is an invaluable resource in helping them define and deliver a safer future.



800.237.2041 | crestron.com

Crestron Electronics, Inc. 15 Volvo Drive | Rockleigh, NJ 07647