



The Dream is Alive for NASA's Newly Renovated Launch Control Center

Nanolumens TAA compliant Engage Series used for mission critical application at Rocco A. Petrone Launch Control Center.

Name of Project/Area: Rocco A. Petrone Launch Control Center: four-story building at NASA's Kennedy Space Center

Location (City, State): Merritt Island, FL

Summary

As astronaut, John Young said, “the dream is alive,” and for the National Aeronautics and Space Administration (NASA), that quote is still true. They are launching the new Artemis program which was designed to usher in the next era of human exploration into space. In preparation for Artemis, NASA recently renovated the Rocco A. Petrone Launch Control Center with a stellar display to view the launch and provide a reception area for filming on a large canvas of dvLED as part of a multi-phase project for this Center. The Rocco A. Petrone Launch Control Center is a four-story building at NASA’s Kennedy Space Center on Merritt Island, Florida, used to manage missions of launch vehicles from Kennedy Space Center.

Challenges & Solutions

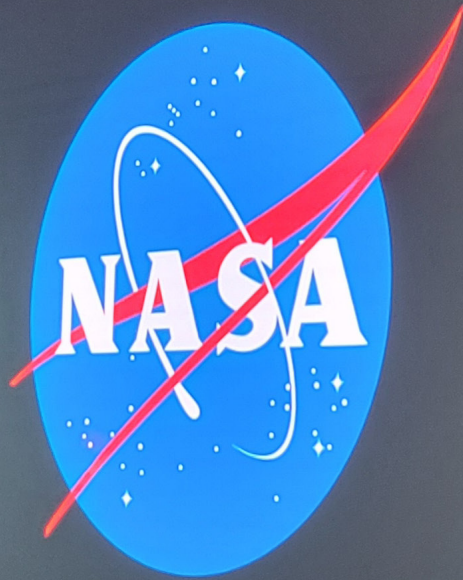
Beyond the strict security measures of entry to this high-profile viewing area, the only minor challenge of this project was future-proofing the display for future missions. For launches, the large format display is viewed over the entire canvas, but for receptions, it can be tiled into any multitude of smaller windows.

The Results

Nanolumens collaborated with leading workplace technology and project management consulting firm, Phase Integration, providing NASA with a creative design solution that seamlessly integrated into its new control center remodel. Phase Integration technology consultants assisted NASA by developing a streamlined project to install a dvLED video wall that features a stunning visual display of NASA’s past and present missions. This digital canvas allows dignitaries to view launches and offers a high-profile area to watch NASA’s historical missions.

The Technology

LED was chosen for its seamless integration into the new control center. The immersive display measures roughly 24’W x 7’H and has a 32:9 aspect ratio. Nanolumens used the 1.87mm HDS Engage Series to complete the videowall which covered approximately 156’ square feet. Our Engage Series offers an ultra-slim design with superior up-close-and-personal, high-definition viewing for applications such as this Center. Engage displays are high-quality, and cableless, making installation and maintenance a snap. In addition, it’s TAA compliant making it a perfect fit for mission critical spaces like NASA.



About

“This has been an amazing experience and the crew installing the monitor went above and beyond their job,” said a NASA Kennedy Space Center representative. “Phase Integration has been fantastic through this whole process and their knowledge provided a clear understanding to what NASA was getting. The Launch Control Center now has the state-of-the-art feel.”