



PROJECT

Prince George's County's EOC

Prince George's County's Emergency Operating Center, Maryland



Summary

The Emergency Command Center of Prince George's County serves as the Office of Homeland Security headquarters, as well as the county's 911 back-up center, emergency management, and emergency-operations center; all housed in a new \$32 million dollar, 46,000 square-foot facility, outfitted with state-of-the-art communications technology. The public-safety communications center fields more than 1.3 million calls per year.

Challenges

The Prince George's County RFP called for enterprise-based video and control systems that would scale and interconnect with endpoints such as PCs, Encoders, IP Cameras, Network Video Recorders (NVR) and/or other facilities and systems on the same network. Multiple video streaming from diverse sources was also required, and the system needed to interconnect all the designated rooms.

The AVS would need to be capable of driving multiple video wall spaces in various locations connected by IP network. The total solution would have to be configurable and expandable from a single output to a configurable display proportionate to the number of monitors recommended for the wall size available for a single video wall array, requiring maximum utilization of the wall space.

The system would need to include the ability to do in-room presentations of audio-visual materials. Teleconferencing and video conferencing would be required in specific locations with requirements for interconnectivity in some designated areas while other sites would operate as stand-alone entities.

Finally, the RFP also called for training, testing and certification of final acceptance verifying complete installation and proper operation of all systems. The entire solution would need to be comfortable to use for all end users during emergency situations. And, the timeline for completion of the project from infrastructure planning to end-user training was aggressive, running from February 15 through May 15.

Solution

The new design for the Emergency Operations Center included a comprehensive Enterprise Video Display system, a Digital Media Presentation System (DMPS) for presentation control and a Video Wall, driven by VuWall. VuWall — selected due to its proven reliability and user-friendly interface — manages the displays as desired by the end user and allows distribution of video across several displays.

The DMPS affords substantial signal routing flexibility and high-performance signal processing without the need for separate components; providing flexibility and cost saving while still delivering the performance and reliability demanded by mission critical environments.

Result

Once described as the weakest link in the chain of radio communications interoperability in the National Capital region, the Prince George's County Operations Center has been transformed into one of the leading 911 communications centers in the DC area—just in time for the Pope's visit to Washington, D.C.

SERVICES

- Consultation
- Design
- Integration
- Management