



A compressed installation schedule meant crews had to work seven days a week in the early stages.

and around the world, so the work being done by the USACE can be showcased and discussed.

Inside the EOC is a 2x3 video wall, again composed of LG VMC5 series 55-inch video wall monitors and Extron Quantum Connect video processing to ensure that anytime an emergency arises, the Corps is prepared to assess and assist.

Video is again distributed by a Crestron DigitalMedia switcher and endpoints while audio is handled by Shure Microflex wireless mics and Audix wired microphones feeding a Biamp Tesira Server-IO and amplified by Extron XPA series amps.

A Cisco SX80 video conferencing system allows seamless communication with other remote sites.

An initially compressed installation schedule meant crews had to work seven days a week in the early stages to prepare the building for its occupants. The first wave of installation took place over three months and included all classrooms, conference rooms, VTC suites and the auditorium.

The atrium section, including the pavilion structure and two video walls, were tackled last as their custom components delayed

their installation.

"The Claw," as the pavilion was dubbed, was particularly time consuming as both the LG OLED panels as well as the structure itself had to be handled with extreme care to avoid damage. All told, the entire installation took about six working months to complete.

The Impact

One catch about integrating in a government setting: these branches often operate under strict guidelines that prohibit endorsement, the integrator notes.

That said, the EOC was "exceptionally satisfied that all solutions presented in the RFP were successfully implemented," according to M3 Technology.

"The technology in the atrium, including the immersive pavilion and the two mosaic video walls, has allowed the ERDC to make an immediate impression on visitors to the facility. The auditorium, classroom and conference room spaces allow them to clearly and reliably communicate with everyone who steps foot into the building. And the EOC and VTC Suites ensure that all external communication is rock-solid." **CI**

EQUIPMENT HIGHLIGHTS

LG Displays ■ Crestron AV Distribution ■ Shure Wireless Microphones ■ Audix Wired Microphones ■ Barco Projectors ■ Extron Video Processing, Audio Amps ■ Biamp Audio ■ Cisco Video Conferencing ■ Tannoy Speakers ■ Sony Cameras



The U.S. Army Corp of Engineers ERDC headquarters features 14 LG OLED wallpaper panels in a custom-built structure and two 32-foot mosaic video walls with LG monitors.

