

UDOT Traffic Operations Center

TVS Pro Project



The Utah Department of Transportation (UDOT) contracted TVS Pro to design and install replacement displays for their main Traffic Operations Center (TOC), which is operated 24/7. They wanted 3 Direct View LED walls: one larger one in the center and two smaller on each side. The system needed to route any of UDOT's 1,700+ camera feeds to multiple locations within the displays. The large center display (302" diagonally) can display up to 24 feeds at a time and each side display (110"/ea diagonally) can display 4 feeds at a time. All three displays were Sharp/NEC FA Series 1.2mm pixel pitch displays. In addition, the system included 3 video controllers, 2 matrix switchers, a window processing system, 32 encoders, 32 decoders, 2 48 port switches, Extron control processor and touch screen, and accessories including cables, and racks.

TVS Pro provided all design, construction, and installation services in-house through the State of Utah cooperative purchasing contract.

AV Consultant & Design: Brent Parker

AV Project Manager: Dave Begay-

Lead Installer: Jonathan Campos

Programmer: Lonnie Martinez

Commissioner: Andre Mercer

Construction Services: Jardine Malaska

Key AV equipment:

Sharp/NEC FA Series DVLED
NovaStar H9 LED video controller
tvONE CorioMaster 2 video processor
NovaStar 660 Pro LED video controller
2 x Kramer MV-4 matrix switchers
32 x AVPro Edge MXNet encoders
32 x AVPro Edge MXNet decoders
2 x AVPro Edge MXNet 48 port switch
Extron control processor & touch

TVS PRO

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