

McCann Systems

AUDIO VISUAL SYSTEMS DESIGN AND INTEGRATION



Mercy Virtual Care | Chesterfield, Missouri

The Sisters of Mercy Health System is the seventh largest Catholic health care system in the U.S. and serves millions annually. This St. Louis-based healthcare network has unveiled the world's first freestanding center for telemedicine: Mercy Virtual, a four-story virtual care center allowing dozens of doctors and nurses to use videoconferencing and other tools to care for patients spanning the country.

The Mercy Virtual Care Center is designed to support the delivery of telehealth services; a place where the best minds in medicine and technology come together to shape the future of health care. Each floor has an abundance of digital innovations, from high definition signage to flexible synergy.

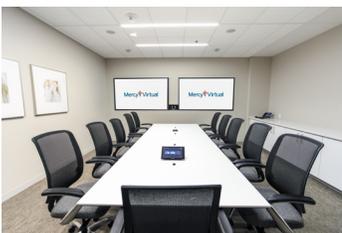
Guests tour the facility and get a glimpse of the future of healthcare while learning of the deep history of the organization. A Briefing Area tells the story of the Sisters of Mercy with one 6x2 46" NEC micro bezel videowall and two 55" NEC displays in portrait mode, with touch capability. Signage control is driven by an intuitive X2O platform, with user-friendly content management tools and dynamic, fully interactive channels. The 6x2 videowall is fed from a 3-output X2O Player PC and controlled by the portrait mounted touch screens.

The Pioneer Wall is made up of six 30" by 116" 4mm LED columns, strategically staggered so that the sum of the columns creates one continuous image. The design of this indoor exhibit is dependent on meticulous color balance and synchronicity. A custom interface was designed for easy asset upload to the browser-based X2O portal, with the ability to control and schedule shows from any mobile, laptop, or desktop device.

The four-story, 125,000 square foot facility is teeming with technology to facilitate effortless team communications. Huddle and conference rooms are designed to allow groups of various sizes to assemble for private discussion or virtual engagements.

The Divisible Conference Center is a versatile working space, capable of operation in various configurations. Fully integrated with the room lighting system, the audiovisual system utilizes contact closure data and automatically adjusts based on the state of the wall partitions. Each of the three divisible rooms is outfitted with a 3x3 videowall connected to a windowing processor, for an overall image size of 165" inches per display, and supporting side-by-side and picture-in-picture functions. A wireless presentation system allows users to collaborate from a laptop or mobile device.

On the top floor of the Virtual Care Center, The Garage is a workspace that turns meetings into true work sessions. Oblong Mezzanine software creates an immersive workspace that spans screens, walls, and even locations. The Garage videowall is a multipurpose display with emphasis on analytic monitoring and teamwork. A custom designed interface allows content to easily and simultaneously be shared with others, and shifted from one device to another. Mezzanine software allows physicians, leaders, and colleagues to see and respond in real-time, eliminating the need for follow-up and making meetings more productive. The space also has multiple live videostreams to bring people into work sessions from around the country and around the world.



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