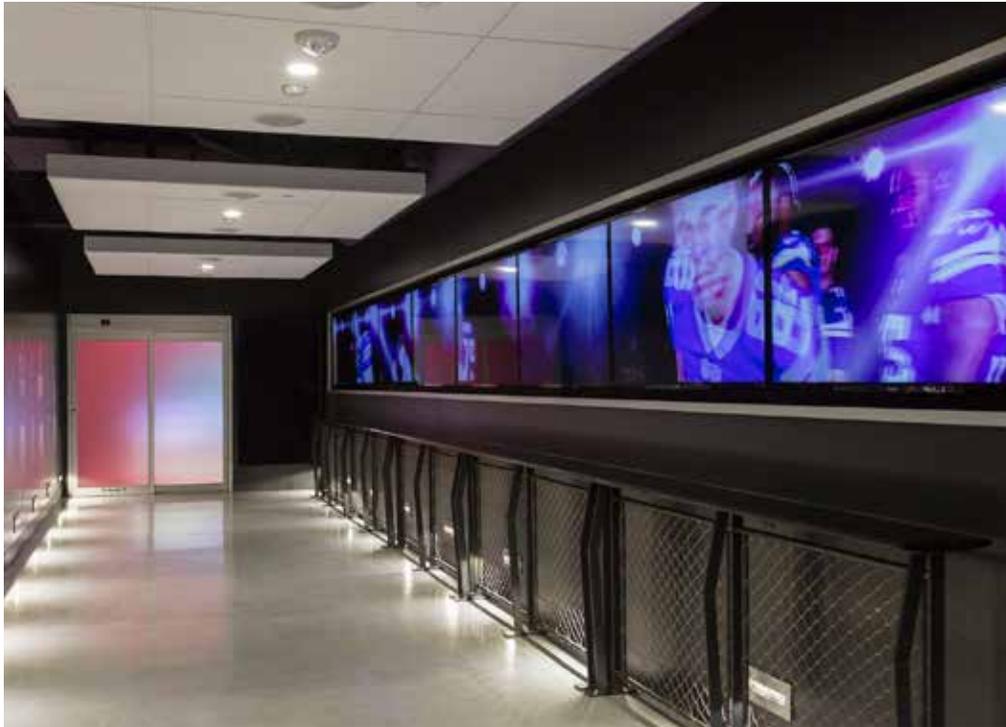# Minnesota Vikings Stadium Preview Center

EPA Audio Visual assisted the Minnesota Vikings in the design, integration and deployment of the Audio Visual system at the US Bank Stadium Preview Center in Minneapolis. The Minnesota Vikings partnered with Van Wagner Sports & Entertainment to manage the New Stadium Preview Center. The 7,500-square-foot Preview Center is the largest ever built by an NFL team and is located just south of the new stadium site.

The client was tasked with building a world-class Preview Center to simulate a fan's perspective of premium seating and experience zones at the New Minnesota Football Stadium (U.S. Bank Stadium). The Preview Center was designed to provide an exciting and interactive glimpse of the new facility with full size mock suites, scale models, wall and lighting décor and cutting edge technology. The goal was to provide current and prospective ticket holders a truly unique and exclusive look at what they could expect from the new stadium which opened in 2016.

Over 40 high definition video displays from Sony and Sharp were implemented in an array of unique applications representing Suite, Club and Luxury seating areas. Multiple video walls, interactive touch monitors and an asymmetrical 9-monitor "Player Tunnel" were among the solutions deployed. Challenging mounting requirements were resolved as all monitors, including a 180" diagonal video wall, were installed using the Chief Fusion mounting system. Multiple installs were recessed into custom fabricated display boxes, benefiting greatly from the post install leveling and cable stand features of the Fusion system. Two Sony FHZ laser projection systems were deployed for significant visual impact while providing a near maintenance free solution with the aid of Sony's 3LCD laser light engine design and over 20K hour duty cycle.

Additional solutions included wireless content mirroring throughout the center, motion triggered event automation and comprehensive AV & lighting system control. All control components from Crestron feature their latest 3-series processor and touch panel controllers with a fully customized user interface, facilitating simple yet powerful operation of the equipment and technology. Multiple zones of distributed audio were programmed allowing for in-room control as well as complete system override for exclusive sales center events. EPA also assisted the client with their Executive Board Room by integrating a Polycom RealPresense videoconferencing system feeding a Sharp dual 80" monitor array, Shure Microflex wireless microphones and wireless presentation capability.

EPA was able to deliver on the client's expectations and the promise to their customers by providing an outstanding Audio Visual solution that was elegantly integrated into the space. Wow factor was paramount; however, the system needed to be seamlessly incorporated for users of all experience levels. Every day hundreds of viewers are brought through the Player Tunnel, accompanying interactive monitors and experience zones and the solution has proven to be easy to use, reliable and impactful. The technology provides an extremely powerful presentation tool for Vikings staff and has proven to be a critical asset in their marketing efforts.

PRODUCTS USED
- Sony FHZ Laser Projectors & FWD Video Monitors
- Sharp PN-V Series Video Wall Monitors
- Sharp Aquos Board Interactive Monitors
- Crestron 3-series Processing & TSW Touch Panels
- Crestron DigitalMedia Video Switching/Distribution
- BiAmp Nexia Digital Signal Processing
- Crown DriveCore Amplification
- JBL Professional & SoundTube Speakers
- Chief FUSION Monitor Mounts
- DaLite Advantage Electrol Recessed Projection Screens

TECHNOLOGIES DEPLOYED
- Video Wall
- Laser Projection
- Interactive Video Displays
- Touch Screen Control
- Event Triggered Automation
- Lighting & Shade Integration
- LED Video Monitors
- Video Distribution over HDBaseT
- Wireless Presentation
- Multi-zone Audio
- Audio & Video Conferencing

EPA Audio Visual, Inc.
763-477-6931
www.epaaudio.com