

Location:
Denver, United States



AMG National Trust Bank's Dome supports events, presentations, and video conferencing.

microphone inputs. Four projectors with rear-view projection screens and four cameras are located around the perimeter of the dome, centered between stone columns, and the client requested that they should retract and disappear when not in use. Due to the size of the HVAC system there was limited space in the soffit for the projector and camera lifts, and projection screen housings and this required extremely close coordination with the mechanical engineer to get everything to fit.

The Boardroom is adjacent to the Dome and features two side-by-side 90" flat panels. The room has a table top connection points. An AMX Enzo supports wireless presentation connectivity and is shared with The Dome.

Two Executive Conference Rooms feature 80" flat panels, video conferencing, wireless presentation and table-top connection points using an AMX Solecis to provide up to 5 inputs to the system. HydraPorts provide connection points.

In addition to The Dome, events can take place from the Mezzanine the Bank Lobby, or from the outdoor patio.

Due to the complexity of the building design and the need for total interconnectivity, a fully integrated network based design was implemented using the AMX 32 by 32 DGX for the audiovisual system and an AVB solution for the audio system. The connection points are combination of fixed and portable transmitters and receivers. All wall plates and floor boxes are equipped with a multi-format transmitter and a number of microphone inputs and have a connection port for a receiver so local monitors can be used as needed.

The AMX DGX with the NetLinX NX Integrated controller made the implementing audiovisual system control over the LAN as the go to choice for the primary method to control all devices. If devices can't be controlled directly from the LAN, ICSPAN device control boxes were used.

The audiovisual system provides full interconnection so a presentation taking place in The Dome, Boardroom, Conference Rooms or other space could be viewed in any or all of these spaces as well as being recorded and streamed. A digital signage system was included which serves the building lobby, the bank lobby and other locations. A High Definition multi-channel television distribution system was designed to augment the digital signage system and provide the ability to view news and financial data via satellite as needed.

The heart of the system is located in the AMG Server Room. The DGX 32 x 32, the audio servers, HD modulators, satellite receivers, gateways, switches and routers for the video conferencing system are located here, while master control of the system is done from the Control Room. Here, the Dome camera outputs are converted to HDSI and feed a Blackmagic ATEM production switcher. The HDMI output of the switcher feeds an input of the DGX for distribution to the Dome projectors or other locations as needed. An AMX MXT-1901 PAN panoramic touch panel is the master control. The size of the panel allows a number of functions to be controlled without shifting pages and for a fast paced presentation this is a must. ■

FEATURED INSTALLATION

AV DESIGN CONSULTANT

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CLIENT'S REPRESENTATIVE

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EQUIPMENT

Contact the ESC for a complete equipment list.

NEC projectors
AMX control
AMX DGX
Biame Tesira services
Black magic HD switcher

The main influence for the design of AMG National Trust Bank's new headquarters was The Palace of the Rhine in Strasbourg, France.



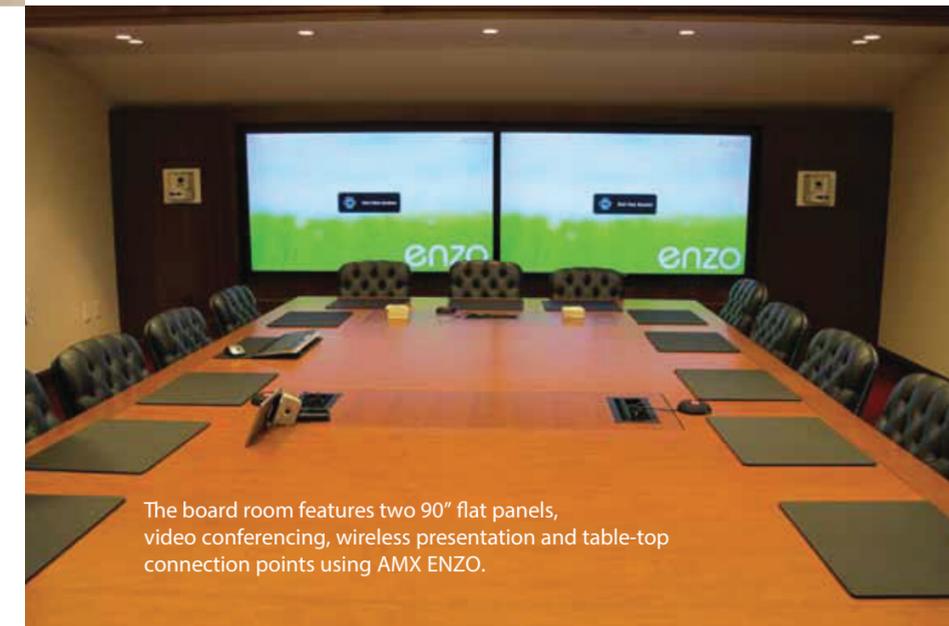
Under the Dome

AMG National Trust Bank's dome gets AMX technology for a holistic approach to technology.

The design of AMG National Trust Bank's new headquarters was influenced by The Palace of the Rhine in Strasbourg, France as well as the work of Aristotle. Occupying the third floor is The Dome at AMG, a one-of-a-kind conference center and event space that is used not only for AMG's daily business, but to host AMG client and other community events. AMG wanted to have a sophisticated audiovisual system that would support The Dome, Boardroom, Conference Rooms and other event locations

in the building, so a holistic approach was taken in the design, interconnecting all meeting and event spaces to a centralized server room. Master control of the system is from the control room which is located adjacent to the Dome.

The Dome supports events, presentations and video conferencing from various locations within the space with floor boxes and input panels located around the room. Typically, each connection point has an AMX multi-format transmitter, a port to connect an AMX receiver for local monitor, and



The board room features two 90" flat panels, video conferencing, wireless presentation and table-top connection points using AMX ENZO.