



Advanced Audiovisual Solution for

Historic Metropolitan Memorial United Methodist Church



Challenge

The church required audio and video solutions that would improve worship services, but could also benefit the various groups that use the church facilities, including ballet performers, a liturgical dance group, theatrical troupes and the church's three choirs. The key challenge for the project was to enhance the acoustics of the building's stone and glass interior while also preserving the appearance of the traditional gothic architecture. Pavion's solution would need to offer flexibility and ease of use while also remaining relatively out of sight.



Overview

- Renovation of Historic Church
- Required Flexible, Scalable AV System
- Preserve Appearance of Traditional Architecture
- User-Friendly Design
- Enhance Natural Acoustics
- Pavion Exceeded Client Expectations

Solutions

Pavion's Integrated Technology Provides Modernized Resolution

Pavion's expert engineers used computer-assisted EASE models to demonstrate the benefits of installing a digitally steerable array. Based on the modeling, Pavion selected the cutting-edge Renkus-Heinz ICONYX system. This integrated solution contains multiple full-range, high-performance coaxial transducers, each with its own digital amplifier and programmable signal processor. Specially-designed ICONYX units were affixed directly to the stone columns throughout main floor, with elevated units on the upper level and larger central arrays placed near the altar. The ICONYX audio technology is complemented by Sony Anycast video systems which include cameras, displays and fiber-optic transmitters and receivers.

Results

Pavion's Integrated Technology Provides Modernized Resolution

The immediate result was “jaw dropping satisfaction.” The transition to digital steerable audio arrays vastly improved overall sound quality, volume and clarity while improving the natural acoustics of the stone sanctuary. Pavion's solution offered flexibility to meet the needs of the various performance groups, while also maintaining the integrity of the gothic design. Thanks to Pavion's expert engineers and technicians, this historic church is now equipped to meet the audiovisual needs of parishioners today, and well into the future.



Client Background

The Metropolitan Memorial United Methodist Church was founded in Washington, DC in 1852. For over 150 years, the church has been an institution in the DC community. During a recent \$3 million renovation, Pavion was tasked with designing and installing an audiovisual solution that complemented the grandeur of the historic building, while offering the flexibility to accommodate a variety of modern uses.



PAVION EXPERIENCE

We've Got You Covered

Pavion brings best-in-class fire, security, and integration solutions together. Through the entire project lifecycle, we work with our customers to solve their problems and help them overcome their challenges. No matter your project, we meet your needs with a partner you can trust.

Here to Serve You

We call it the Pavion Experience. The lifecycle of services we deliver, from design through ongoing support, that helps keep your fire, security, and integration systems running while saving you time and money.



Design

From the initial project kickoff to understanding your requirements, we'll design a solution that meets your needs with clear scope, bill of materials and comprehensive drawings.



Technology & Integration

Once your design is approved, we deliver your technology with first-class implementation, engineering, change management and training.



Service

With your solution fully implemented, Pavion offers multiple service offerings to make sure you get the most out of your Pavion Experience, with the highest level of reliability and customer service offered.



About Pavion

Pavion connects and protects by providing Fire, Security, and Integration solutions to customers in 70+ U.S. locations and 23 countries. The company brings industry-leading experience to clients in the enterprise, healthcare, education, government, data center and retail industries. Its mission is to bring clarity and transformation to safety, security, and communication through technology and radical service. Learn more at [Pavion.com](https://pavion.com).

Our Industries

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