Facility Description

The mission of First United Methodist is to make disciples of Jesus Christ for the transformation of Peoria and the world. This is done through a variety of ways to worship that are Higher, Wider, Closer, and Deeper. Located in the heart of downtown Peoria, the First United Methodist church has many facilities and programs dedicated to the expansion of their mission.

Objectives

For over 20 years Pearl Technology has provided state of the art audiovisual technology for a wide variety of worship and meeting spaces throughout the facility. The church and foundation wanted to expand their ministry and online presence. This required upgrades to the existing spaces, new studios, and the ability to provide robust configurable systems that are user friendly for variety of skilled technology team members or weekend volunteers.

Pearl Technology and the newly installed production & broadcast studio along with the podcast & recording studio was nationally recognized by SCN Magazine as one of its awards winning Installations of the Year!

scn SYSTEMS CONTRACTOR NEWS **INSTALLS OF THE YEAR**
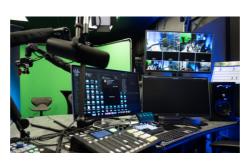
FIRST UNITED METHODIST CHURCH

Spaces & Challenges

Worship Center

This contemporary worship and multipurpose space includes a complete audiovisual system to support a wide variety of events and worship. The audiovisual system is capable of supporting a full praise band, features a high output intelligible audio reinforcement system, and high resolution video presentation. The new digital mixing console provides the flexibility for the quick recall of audio configuration to support the large variety of events. Supported by a large number of wireless microphones and individual in-ear monitor mixes, the modern capabilities of the audio system give great flexibility to the technology staff. Multiple high resolution pan/tilt/zoom cameras throughout allow for local streaming from the control booth. In additional to acting as its own space with local control, all audio, video presentation, cameras, and control can be simultaneously sent to the video production space via HD-SDI over fiber, Dante digital audio, and video over IP encoding/decoding. Bilingual services offer both assistive listening and translation with traditional RF receivers or the WiFi system with an app available on individual smart phones.

Sanctuary

This traditional space includes a complete audiovisual system to support traditional worship while maintaining aesthetics of the space. The audiovisual system features an intelligible audio reinforcement system, and high resolution video presentation when needed. Supported by a large number of wireless microphones, the modern capabilities of the audio system and digital mixing console give great flexibility to the technology staff. Multiple high resolution pan/tilt/zoom cameras throughout allow for local streaming from the control booth. In additional to acting as its own space with local control, all audio, video presentation, cameras, and control can be simultaneously sent to the video production space via HD-SDI over fiber, Dante digital audio, and video over IP encoding/decoding.

Production & Broadcast Studio

This space offers two individual workstations for audio mixing and video production. The audio console features the ability to independently mix from the sanctuary, worship space, or recording studio and is unaffected by the local mix in the respective rooms. With the touch of a button, the faders change configuration, routing, and labeling to the desired space. High resolution studio monitors give an accurate audio representation of the space or ability to mix audio for post-production work. The video control desk brings in all cameras from the sanctuary, worship center, or recording studio. Presents on the 85-inch preview monitor allows the operator to see all cameras at ones or individual spaces with a larger view. All cameras throughout can be controlled from this location. The audio and video feeds live streaming and recording devices for broadcast and capture. Acoustic sound absorption panels throughout allow for high quality production and recording. Each space including the production studio, podcast studio and worship spaces include synchronized clocks to ensure all productions start and stop on time with the ability of the control room to switch the clocks to countdown timers. Each space including the production studio, podcast studio and worship spaces include a wired multi-channel communication system between all operators in all spaces.

Podcast & Recording Studio

This versatile space offers the ability to record or live stream multi-guest podcasts including a variety of cameras located on table boom arms or wall mounted full room pan/tilt/zoom capturing. The second half of the space provides a black box for preproduction video or audio recording as well as broadcasting small groups or artists. This room acts as an independent space with all audio and video routing through the production and broadcast studio for expanded broadcast, post production work, or sending things happening in this space to the sanctuary or worship center for larger live audiences. Acoustic sound absorption panels throughout allow for high quality production and recording.

Fellowship Hall & Community Rooms

These various spaces throughout the facility give the church an ability to have events with full audio reinforcement and video presentation. These include high output complete audio systems that are user friendly with the ability to bring in larger mixing consoles when desired for larger events. Video projection and flat panel displays throughout offer both wired and wireless presentation capabilities.

Digital Signage

Throughout the entire facility from the worship spaces to the common rooms, offices, and daycare facilities are a variety of 55" to 90" displays mounted in landscape and portrait. These signs feature information such as current or upcoming events, news, facility happenings, weather, date and time or other information. Multiple zones allow for different departments or personnel to update their respective areas of the displays. All of these displays are managed by a cloud-based content management and signage software.

About Pearl Technology

Pearl Technology serves as the comprehensive IT and AV solutions provider for your business. We serve a wide variety of markets including corporate enterprise, higher education, medical simulation, command and control centers, conference and training rooms, house of worship, tour guide and any other facility with audiovisual systems.

Pearl Technology provides a unique experience to our clients focused on client satisfaction. Our goal is to develop world class solutions using quality equipment, professional installation, and intuitive system operation.

At Pearl Technology, our mission is simple: make technology an asset for your business or organization and not a problem. We strive to make technology integrate seamlessly with your business to help you spend more time on your business.