MODERNIZING CAMPUS-WIDE TECHNOLOGY INFRASTRUCTURE

Virginia Tech

Virginia Tech Selects Q-SYS Platform to Standardize for the Future

◉ Blacksburg, VA

Virginia Tech is a world-renowned public land-grant university with a firm commitment to teaching, learning, research, and outreach. To ensure institutional excellence and meet its long-term vision of Advancing Beyond Boundaries, Virginia Tech embarked on an ambitious project to upgrade its technology infrastructure. With the goal of standardizing audio, video, and control systems and modernizing its technology infrastructure across campus, Virginia Tech turned to Q-SYS for an integrated, reliable, and efficient solution.

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> **Rob Viers**
> *Classroom Building AV Manager, Virginia Tech*

Challenges

An Opportunity for Standardization

A part of this upgrade in technology infrastructure is the standardization of their audio, visual and control systems across campus. Rob Viers, Classroom Building AV Manager and Building Manager, explains, "Our system was starting to age. Some of our auditoriums didn't even have digital signal processing – we still needed to cobble together a USB integration solution for presentations. We knew this was an opportunity for standardization, and we already had a building leveraging the Q-SYS Platform. The software is easy, the training is great, and we knew we would be future-ready because of its software-based structure. We'll get all the bells and whistles with every new update."

Solutions

Self-Service Convenient Control

The mentality toward each room is self-service for the convenience of both students and faculty, which extends to web conferencing and lecture capture. Thanks to Q-SYS, even the large auditoriums allow for faculty to simply plug in a USB cable to their laptop to gain access to the camera and audio system for a software-based web conference or to capture an audio recording via any lecture capture software. By leveraging Q-SYS Cores and PTZ-IP cameras, Virginia Tech is working to make every space ready for what comes next in education.

This standardization will ultimately extend to over seventy-six Q-SYS Core processors, with the Core 8 Flex acting as the main processor for smaller-scale installations. The larger rooms will leverage a dedicated Core 110f Integrated Processor to maximize uptime, as well as a PTZ-IP Conference Camera.

Versatile Integrated Solutions

An impactful manifestation of their self-service vision is the AV support team's strategy toward the Board of Visitor off-site meetings. To tackle the challenge, Eric Brooks, Audio Engineer at Virginia Tech, designed and built a system consisting of two mobile racks equipped with cameras, microphones and Q-SYS Touch Screen Controllers. This versatile solution is then easily wheeled to any off-campus location, and even allows for plug-and-play Zoom integration to connect with remote participants. They hope to use these solutions as a high production-value streaming option for meetings in the near future.

The future of Virginia Tech looks bright, with several new facilities, including the Innovation Campus. And true to form, Q-SYS was their preferred solution for these spaces before they even broke ground.

 Q-SYS™

Q-SYS is a globally recognized manufacturer of audio, video and control (AV&C) solutions for huddle rooms to stadiums—and everything in between. Our systems make it easy for your team to design and integrate flexible, scalable solutions and deliver the native IT integration and standards-based technology your customers expect.

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