

CENTRALIZED AV SOLUTIONS AND SUPPORT

Loudermilk Conference Center

Loudermilk Conference Center Streamlines Event Operations with Q-SYS Platform

Atlanta, Georgia

[Loudermilk Conference Center](#) in Atlanta, GA needed an end-to-end audio, video, and control solution to cater to its diverse clientele. With a striking 600-person capacity ballroom, an indoor amphitheater, and versatile meeting rooms, the venue hosts a range of local, grassroots, national, and international organizations dedicated to making a difference in people's lives. Seeking a solution that would offer flexibility and ease of use for setting up and controlling meetings or events, the Loudermilk Conference Center found the perfect fit in the [Q-SYS Platform](#).



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Jason Caponi

Partner and Operations Manager, Performance Audio & Video

Challenges

Centralized AV Solution

Loudermilk was looking to move away from disparate AV hardware in favor of a centralized AV solution to improve efficiency and support. The existing hardware was unable to meet the changing needs of customers and struggled to handle the growing demand for outbound video conferencing, requiring expensive third-party assistance with setup. This process became burdensome each time an event was scheduled. To address these challenges, [Performance Audio & Video](#) (PAV) was chosen as the integrator. PAV determined that a flexible and intuitive, building-wide networked audio, video and control system like the Q-SYS Platform would be the ideal solution and would eliminate the need for multiple sets of equipment and the expenses associated with hiring additional technicians for each event.



Solutions

Seamless Event Technology

PAV successfully completed the initial stage of the installation, which included the executive board rooms, the ballroom, and multipurpose spaces. The system is driven by redundant [Q-SYS Core 110f processors](#), which manage the audio, video and control. The backup Q-SYS Core ensures that events and meetings can go on without interruption. In addition, [NC Series PTZ Conference Cameras](#) have been integrated into each room, as well as [Q-SYS TSC Series Gen. 3 touchscreens](#) enabling users to control video, microphones, audio, and presentations using a simplified [user control interface](#) (UCI). [NV-32-H Video Endpoints](#) are also installed discreetly under the consoles and provide seamless video distribution, enhancing the visual experience for participants and allowing them to engage in immersive and interactive presentations.

Streamlined Event Operations

“With Phase One complete, many of the rooms are now a plug-and-play, BYOD setup, allowing users to seamlessly start their events or meetings,” said Jason Caponi, Partner and Operations Manager of Performance Audio & Video. “In the ballroom, during large events where the entire facility is rented out for keynotes and presentations, the other rooms throughout the building can serve as overflow spaces. This means that even if the ballroom is full, attendees in these other rooms can still view both the camera feed from the PTZ Camera and the presentation simultaneously. We have even implemented a split screen approach where participants can view the presenter or the presentation, or both. With Q-SYS, we can easily distribute any content to the rest of the building using the network.”









Caponi shared how the PAV team provided extensive training to the staff at Loudermilk to ensure smooth operations of the Q-SYS System. “Initially, we offered support as Loudermilk adapted to the new technology. However, because Q-SYS is intuitive, the frequency of support requests has significantly decreased. To assist Loudermilk further, we took advantage of [Q-SYS Reflect Enterprise Manager](#) which allows our team at PAV to provide remote support and troubleshoot any issues.”

A Look Ahead





Looking forward, Caponi enthusiastically shared, “We’re excited to receive positive feedback about our work at Loudermilk and how they’ve hosted more events than ever before thanks to Q-SYS. An influential partner of Loudermilk reached out to express their appreciation for the work. They also expressed interest in discussing the installation of the Q-SYS system in their corporate facility, which serves the entire region and features various rooms such as an executive board room and multi-use spaces.”



Q-SYS Equipment List

Model	Pcs Used	Description	Image
Q-SYS Core 110f	2	Q-SYS Audio, Visual and Control Processor Networked I/O: 128 x 128; Local I/O: 24	
NV-32-H	9	Q-SYS NV Series network video endpoint 3 x 2 HDMI I/O	
SPA4-60	1	SPA Series ENERGY STAR® qualified amplifier 60 W/Ch. at 8 Ω	
I/O-USB Bridge	1	Q-SYS AV Bridging Endpoint Built for BYOD/BYOM Up to 1080p Resolution	
NC-12x80	5	12x optical zoom Resolutions up to 1080p/60 Q-SYS AV-to-USB Bridging Solution	
NC-20x60	1	20x optical zoom Resolutions up to 1080p/60 Q-SYS AV-to-USB Bridging Solution	
TSC-101-G3	3	Q-SYS Touch Screen Controller 10" (255 mm) screen dimension 1920 x 1200 resolution	
TSC-50-G3	2	Q-SYS Touch Screen Controller 5" (126 mm) screen dimension 1280 x 720 resolution	

Q-SYS Equipment List

Model	Pcs Used	Description	Image
Software-based Dante™	1	Q-SYS feature license Integrate Dante™ network audio without the need for additional hardware	
Q-SYS Scripting Engine	1	Q-SYS feature license Third-Party Control Plugins/Scripts Full Featured Scripting Component 3 x 2 HDMI I/O	
UCI Deployment License	1	Q-SYS software feature license Create and deploy custom UCI onto available control devices	
Q-SYS Reflect Enterprise Manager License	1	Q-SYS monitoring license Centralized Management Integrate AV Assets with IT Systems	



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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