

SEAMLESS AUDIO AND CONTROL INTEGRATION

New Jersey State House

New Jersey State House Elects Q-SYS Platform for Networked Audio and Control

 Trenton, NJ

The [New Jersey State House](#), one of the oldest state houses in the US, holds great historical significance. Built in 1790, it has witnessed countless legislative debates, political movements, and important decisions shaping the state's history. While the building has undergone renovations over the years, one area that needed attention was the outdated AV system in the Senate and Assembly Chambers. To bring these spaces up to date and meet the growing technological needs, the State House decided to install the [Q-SYS Platform](#) to deliver networked audio and control throughout the Chambers.



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Joe DiSabatino

President, JD Sound & Video

Challenges

Streamlining Installation

The Assembly and Senate chambers are both equipped with a Q-SYS Core 510i Processor (now available as the [Core 610](#)), which handles audio processing, distribution, and control functions throughout each room. One of the main reasons JD Sound & Video chose the Q-SYS Platform was its ability to provide audio and control in a single processor, minimizing the amount of hardware required. "With a historical building, the less hardware the better," explains Joe DiSabatino, President of [JD Sound & Video](#). "Because Q-SYS features audio and control in a single processor, we were able to deploy more functionality with less hardware. Furthermore, it requires fewer cable runs, which greatly reduced our installation costs and expedited system deployment."



Solutions

Amplifying the Senate

In both the Senate and Assembly Chambers, powerful sound is driven by the CXD-Q network amplifiers (now updated to [CX-Q](#)), specifically designed for the Q-SYS Platform. These advanced amplifiers offer a multitude of features that enhance the overall system design, control, and monitoring capability. Thanks to their seamless integration with the [Q-SYS Designer Software](#), these amplifiers not only provide exceptional audio performance but also allow for effortless management of the entire audio system.

A Vote of Confidence

In addition to the audio and control capabilities, JD Sound & Video utilized the [Q-SYS UCI Editor](#) to create a custom touchscreen-based voting system for the Senate and Assembly members. This voting system was built using drag-and-drop control elements, eliminating the need for any programming. The simplicity of the UCI Editor allowed for the quick and easy creation of a user-friendly voting interface.

Looking to the future, the New Jersey State House plans to expand Q-SYS into its large majority caucus room and meeting spaces. The scalability of Q-SYS, being software-based, allows for additional endpoints to be added without the need for additional control processing hardware. "It was important to design a reliable networked audio system that was easily scalable in the future," explained Joe DiSabatino. "The plan is to continue expanding this system throughout the facility and Q-SYS simplifies that."



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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