

AMPLIFYING SUCCESS

Royal Theatre

Vancouver Island's Largest Performance Theatre selects Q-SYS for Network Audio and Control

📍 Vancouver, British Columbia

Established over a century ago, the historic [Royal Theatre](#) is Vancouver Island's largest theatre. Its rich history and stunning architecture make it a cherished landmark for both locals and tourists alike. The 1,416-seat venue plays host to a diverse range of productions, including Broadway musicals, contemporary dance, rock shows, classical music and more. In recent years, the demand for top-notch audio-visual experiences has grown exponentially. Audiences now expect nothing less than outstanding sound quality and seamless control during performances. Recognizing this need, the management of the Royal Theatre decided it was time to upgrade the audio-visual system and selected the [Q-SYS Platform](#).



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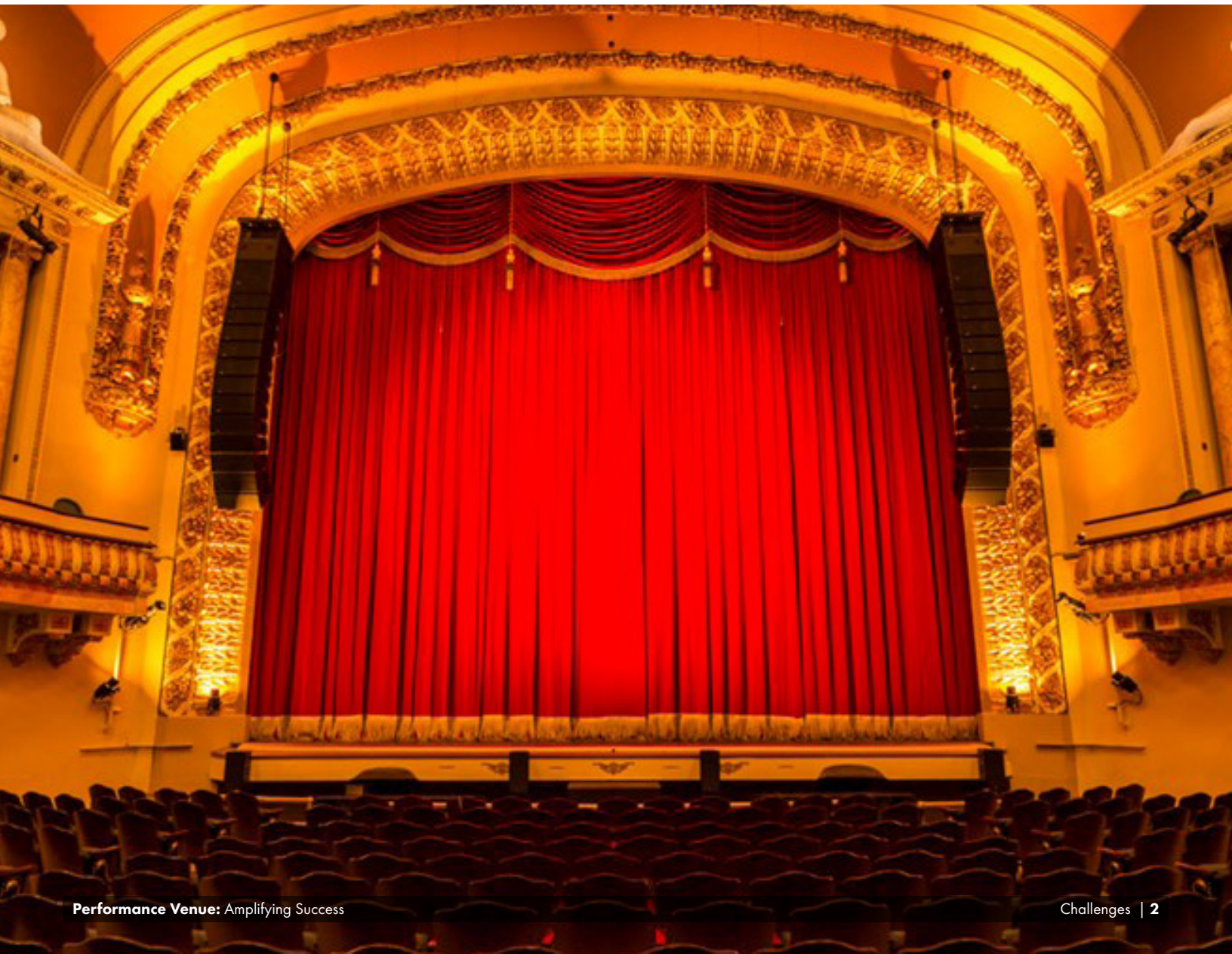
Warren Busby

Head of Audio, Royal Theatre

Challenges

Upholding High Standards for Performance Venues

The Royal Theatre is known for its large-scale productions, so it was essential to install an audio solution that could meet those expectations. Warren Busby, Head of Audio at the Royal Theatre, chose Q-SYS after a successful installation at the nearby McPherson Playhouse. “We used McPherson as our proof of concept for the larger, more prestigious Royal Theatre. Q-SYS made it easy to scale the original design to meet the needs of the theater without completely starting from scratch.”



Solutions

The Show Must Go On

Redundant Q-SYS Core 510i processors (now available as the updated [Q-SYS Core 610](#)) handle background music, paging and software-based control throughout the theatre, which includes two lobby spaces, a backstage area and the main performance auditorium. Should the primary Core go offline for any reason, the secondary Core will seamlessly assume full audio streaming and control communication of the entire system, ensuring the “show can go on” without any interruption.

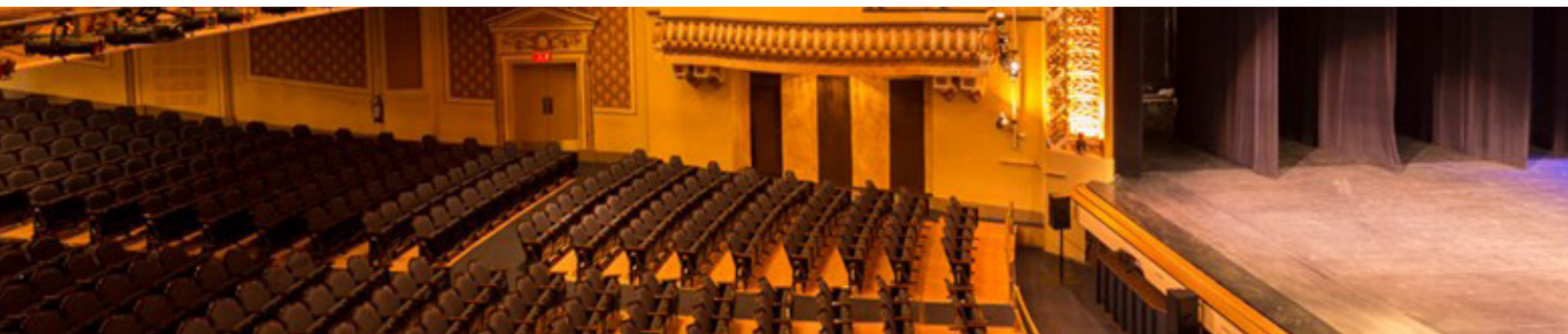
Simplified System Control

The simplicity of [Q-SYS Control](#) allowed Busby to dive deeper into system control than he expected. “I’m not a trained programmer,” explained Busby, “but the Block Controller tool allowed me to visually code the various controls that were required. Q-SYS helped me achieve some fairly complex control functionality without ever typing a single line of code.”

Using [UCI Editor](#), Busby developed three distinct, visually impactful UCIs, each customized to achieve specific tasks related to their locations: one for master front-of-house (FOH) control, one for master backstage control, and one that offers pre-recorded paging & volume controls, all deployed to multiple [Q-SYS Touch Screen Controllers](#) throughout the venue.

Q-SYS Brings Amplified Success

For amplification, the team chose native CXD-Q Series network amplifiers (updated to the [CX-Q Series](#)). These amplifiers allow for simple control and monitoring via Q-SYS Touch Screen Controllers. For the two lobbies and backstage area, the team deployed a mixture of [Q-SYS AcousticDesign Series](#) loudspeakers. The AD Series loudspeakers were selected because of their unobtrusive design, which easily blends in with the original Rocco/Renaissance Revival style of the theatre. “My experience with Q-SYS has been fantastic,” says Busby. “Our next step will be to leverage Q-SYS for its web conferencing and video distribution capabilities for our own office boardroom!” With these solutions in place, the theatre’s sound system was transformed into a modern audio masterpiece worthy of such an iconic venue. Q-SYS was proud to improve the Royal Theatre and hopes to become a cornerstone in the theatre’s continued success.



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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