Q-SYS + zoom

Solutions Overview Guide

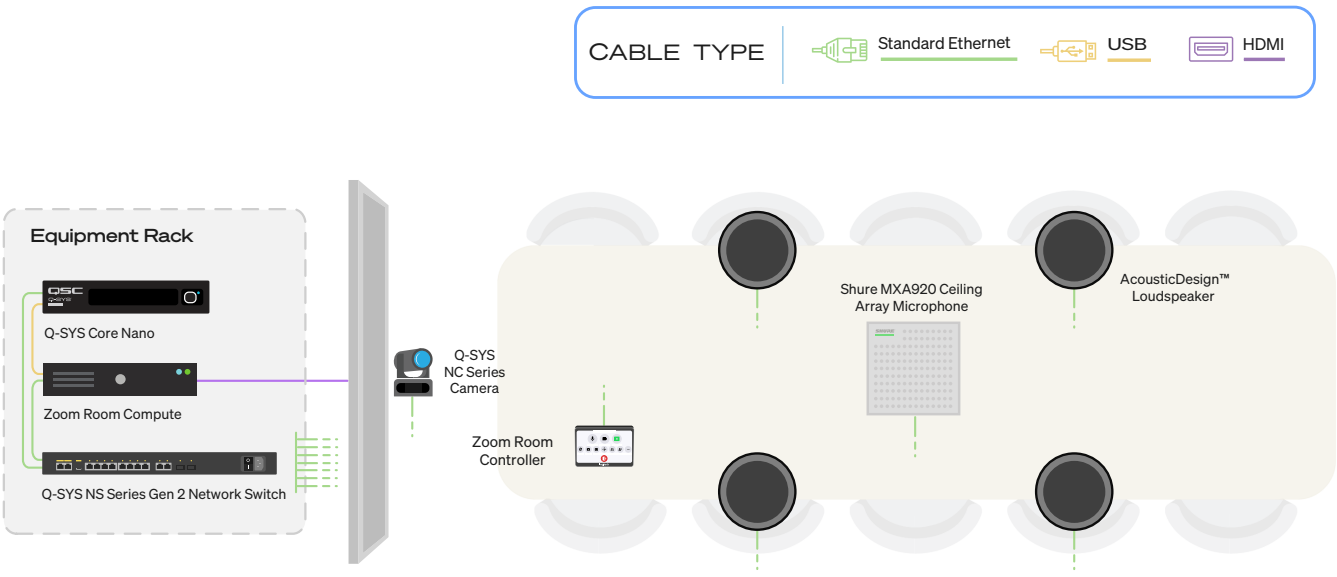
Meeting Room Solution: Large Conference Room with Shure - **Seat Count:** 10-12

Q-SYS brings the Zoom Rooms experience to high-impact spaces with a portfolio of Zoom-certified devices tailored to your room's design—whether in-ceiling, open ceiling, or directional audio is required. The Q-SYS Core Processor integrates audio processing, multi-camera switching, automation, and room control, enabling scalable, consistent deployments that meet both technical and user experience goals.

- The Q-SYS Core Nano Processor is the hub of the system. It connects to the Zoom Room Compute with a single driverless USB connection for audio and video.
- The Zoom Rooms sample design offers audio settings optimized for Zoom Rooms, featuring advanced configurable acoustic echo cancellation (AEC) and noise reduction. These enhancements guarantee echo-free audio, even in the most acoustically challenging spaces.
- Q-SYS NC-12x80 network PTZ cameras use the power of the network, allowing you to use as many Q-SYS network conference cameras in the space to provide multiple points of view to frame the right shot.
- Q-SYS NL-C4 and NL-P4 are ideal for overhead loudspeaker placement for in-ceiling and open ceiling applications respectively. Both options integrate into your space with a single Ethernet cable to reduce overall hardware footprint and lower system cost.
- Q-SYS NL-SB42 is a network soundbar ideal for placement at the display for directional audio applications.
- The Shure MXA920 ceiling array microphone uses beamforming technology to enable flexible room configurations and captures speech from anywhere in the room.

In-ceiling microphone and loudspeakers

A traditional meeting space with a standard ceiling height and a desire to keep the table top clear.



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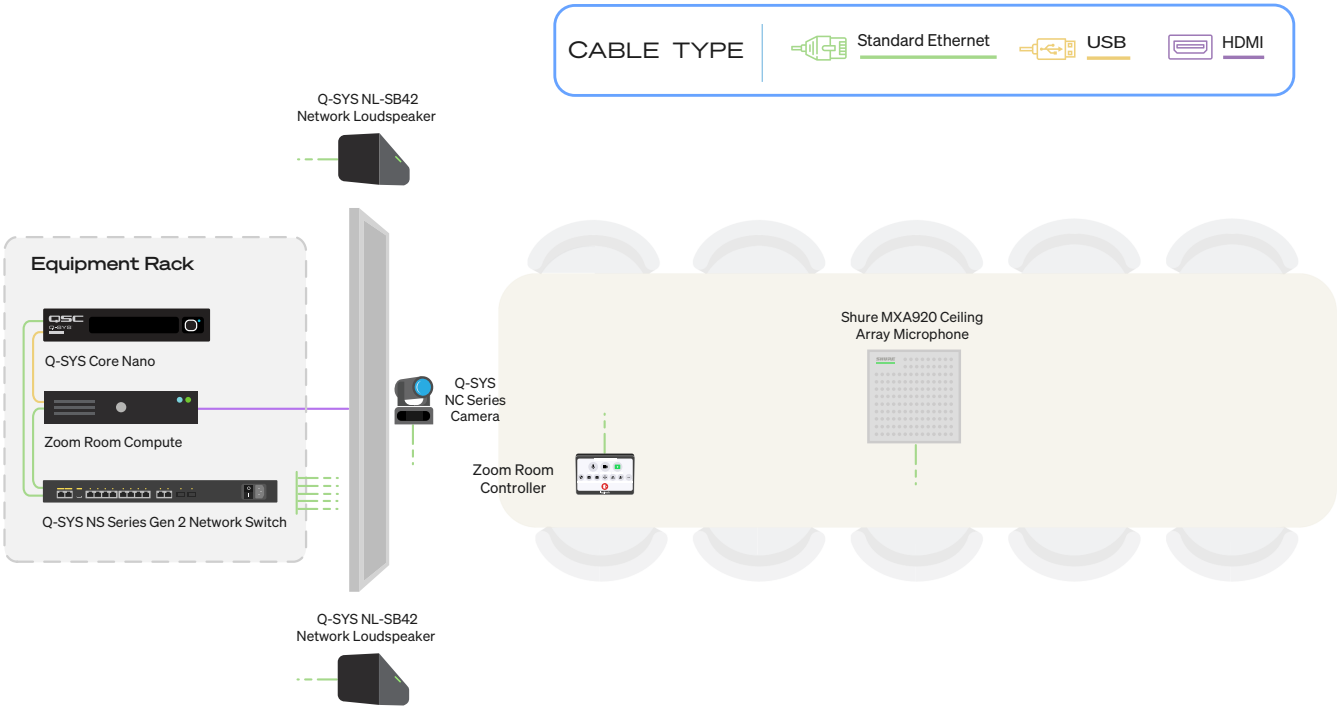
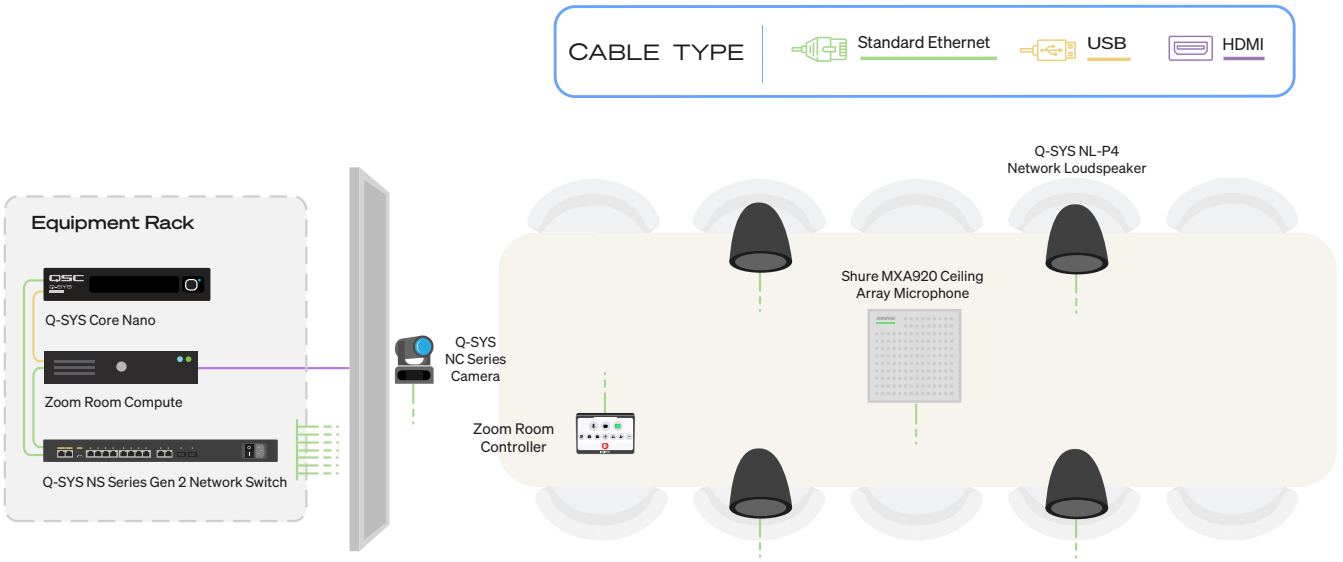
In-ceiling microphone and directional loudspeakers

Ability for far end audio to come from the front of room to deliver a more realistic experience.



In-ceiling microphone and pendantl loudspeakers

An open ceiling environment where traditional loudspeakers are not practical.



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Core Components: Product	Quantity	
Q-SYS Core Nano processor	1	
Q-SYS NS Series Gen 2 network switch	1	
Q-SYS NC-12×80 network camera	1	
Microphone Option Product	**Quantity**	
Shure MXA920 ceiling microphone	1	
Loudspeaker Options (Choose one configuration*) Product	**Quantity**	
Q-SYS NL-C4 ceiling network loudspeaker	4	
Q-SYS NL-P4 pendant network loudspeaker	4	
Q-SYS NL-SB42 network loudspeaker	2	

*All configurations use the same core components. Select one loudspeaker option from the list, based on your room's infrastructure and space requirements.

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