

Q-SYS™ ECOSYSTEM

higher education
solutions

QSC®

Colleges and universities across the globe share a common goal of delivering the **best on-campus and online learning experiences** for students and teachers, which is increasingly dependant on innovative AV technology.



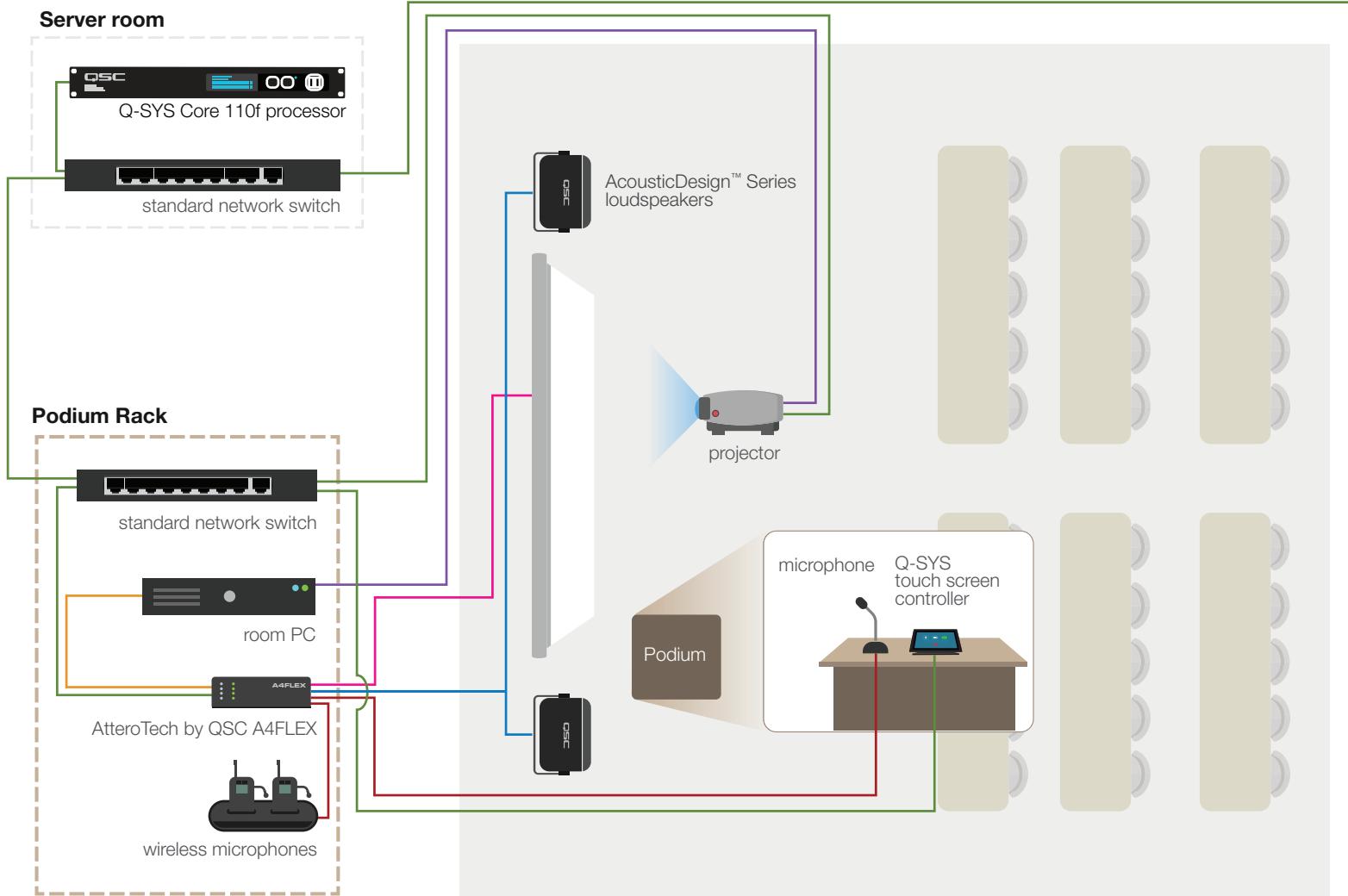
Distance learning, in-classroom voice-lift, network video distribution, multi-use spaces, campus-wide paging, and background music distribution are just a few of the applications needed to support a modern campus.

The Q-SYS Ecosystem delivers an **end-to-end audio, video and control solution** for higher education applications, from remote learning technology and small classrooms to sprawling lecture halls and performance venues.

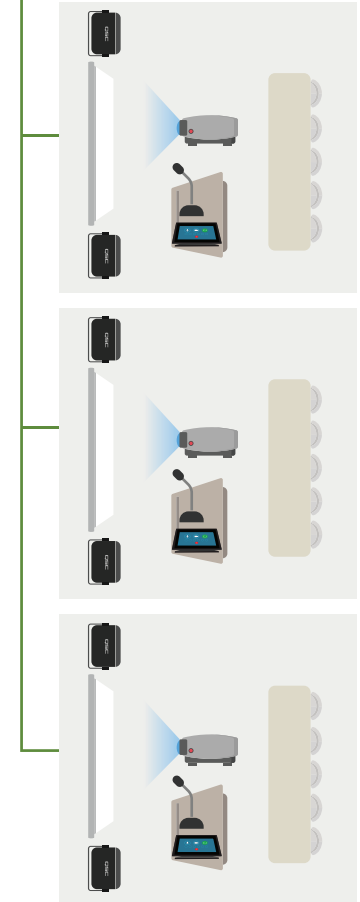
Q-SYS will help your institution move away from single-purpose AV hardware in favor of **centralized, scalable software-based AV solutions.**



audio integration for web conferencing apps



The Q-SYS Core 110f processor has the capacity to provide audio, video and control processing for **3-4 rooms of this size.**



USB Integration for distance learning

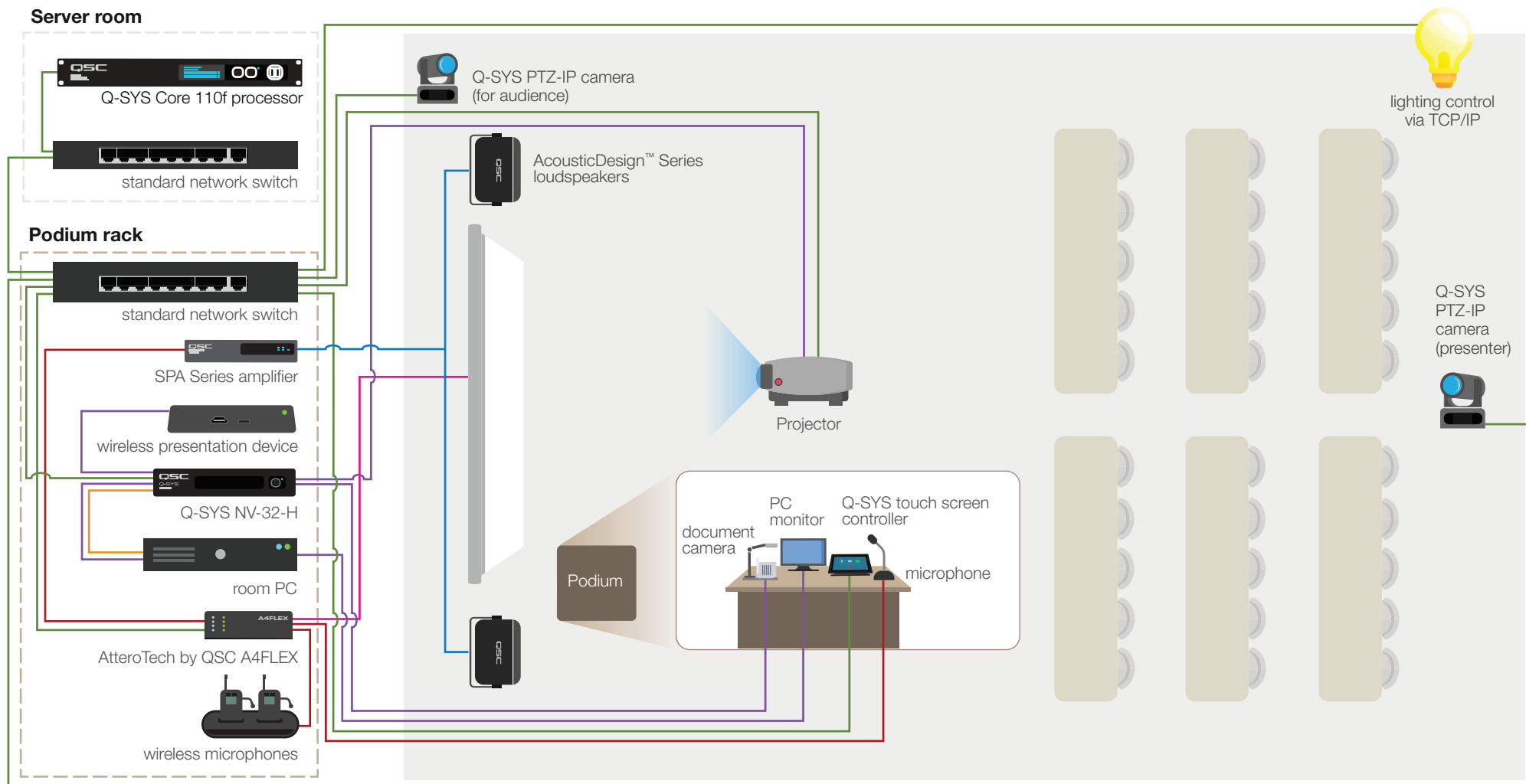
zoom **Hangouts Meet**

Microsoft Teams **GoToWebinar**

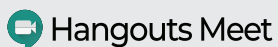
and more

Third-party device control for projectors and screens, accessible on a single user control interface deployed on a Q-SYS network touch screen.

audio/camera integration for web conferencing apps



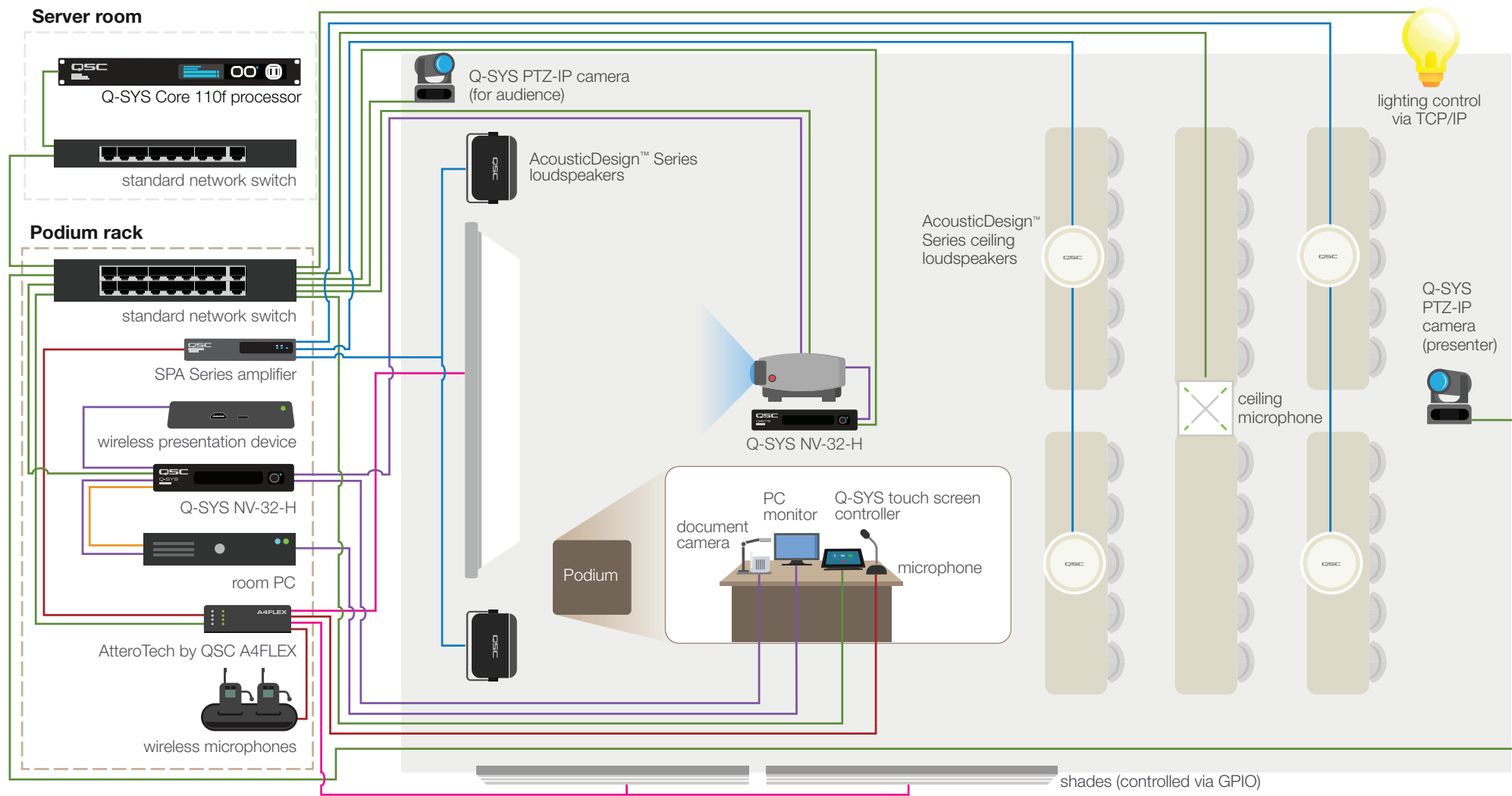
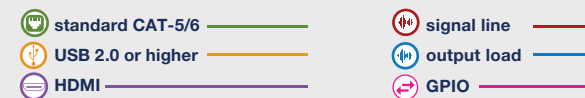
USB Integration for distance learning



and more

Q-SYS NV Series video endpoints add network
HDMI video distribution and switching

audio/camera/video distribution integration for web conference apps



USB Integration for distance learning



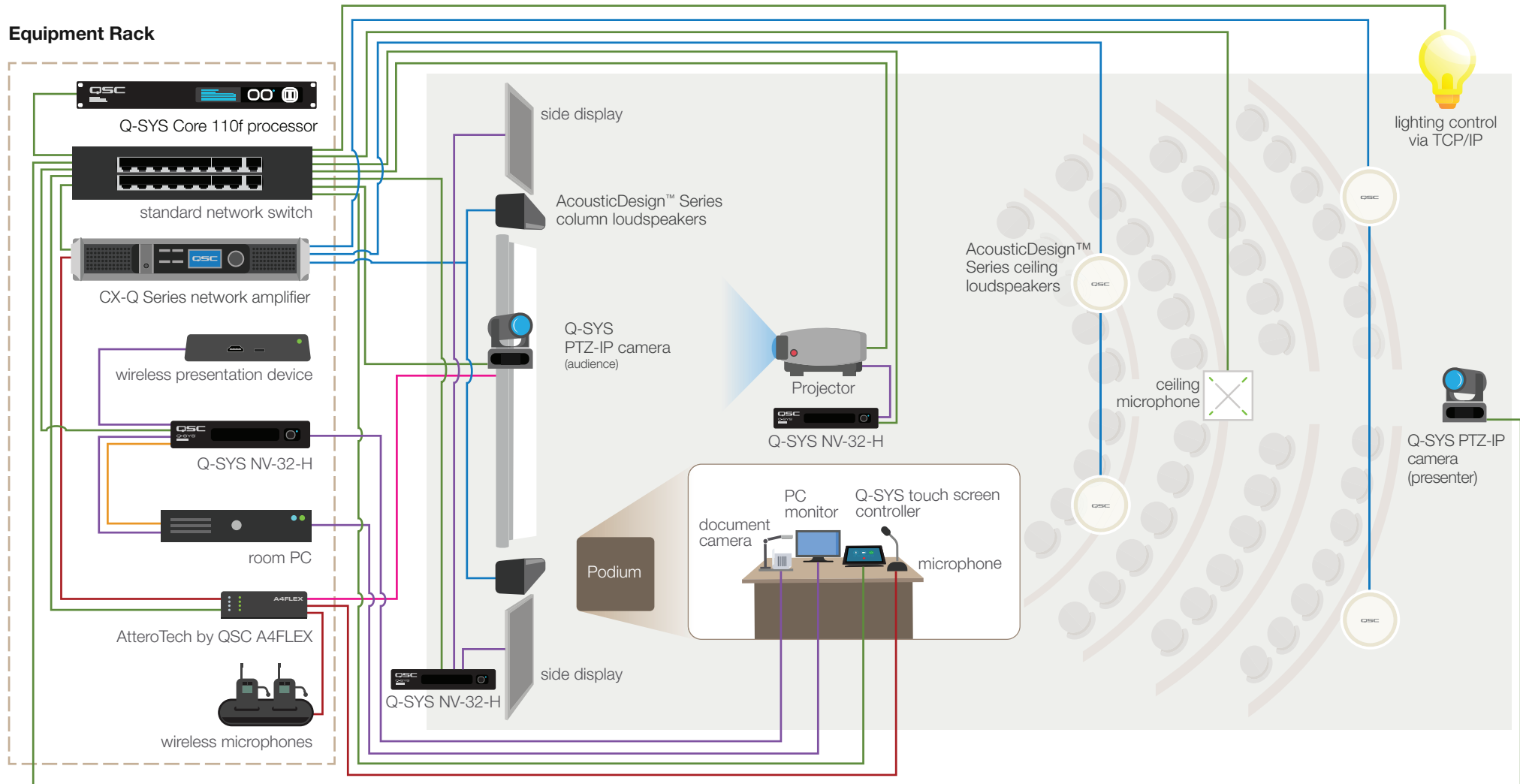
and more

NV Series (set to encoder) at the podium
encodes up to 3 HDMI sources

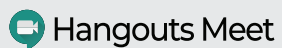
NV Series (set to decoder) distributes
network video to the projector

Full third-party device integration
(ceiling microphones, lighting,
projector, shades)

Equipment Rack



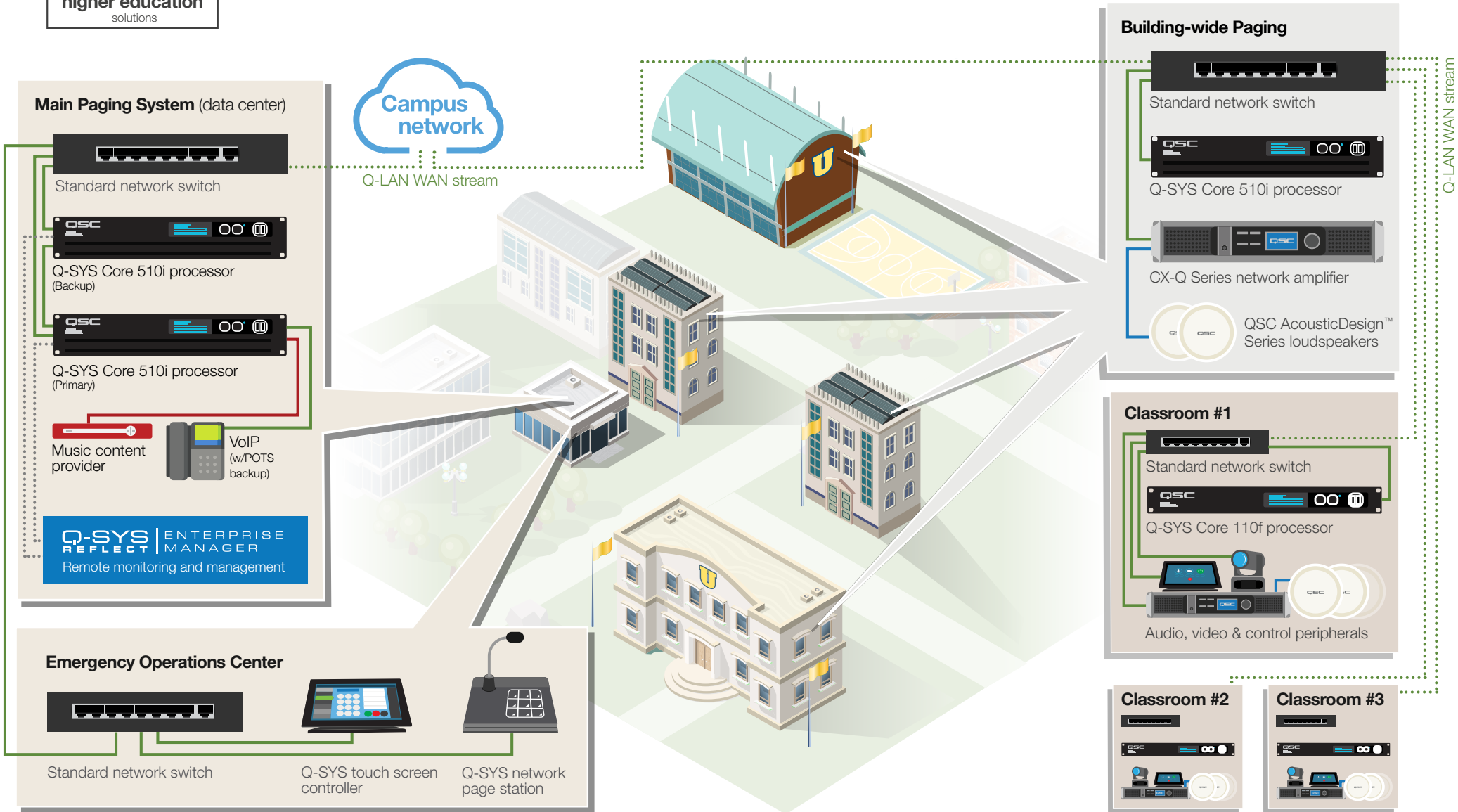
USB Integration for distance learning



and more

Expanded network video
distribution for side displays

Expanded audio
reinforcement

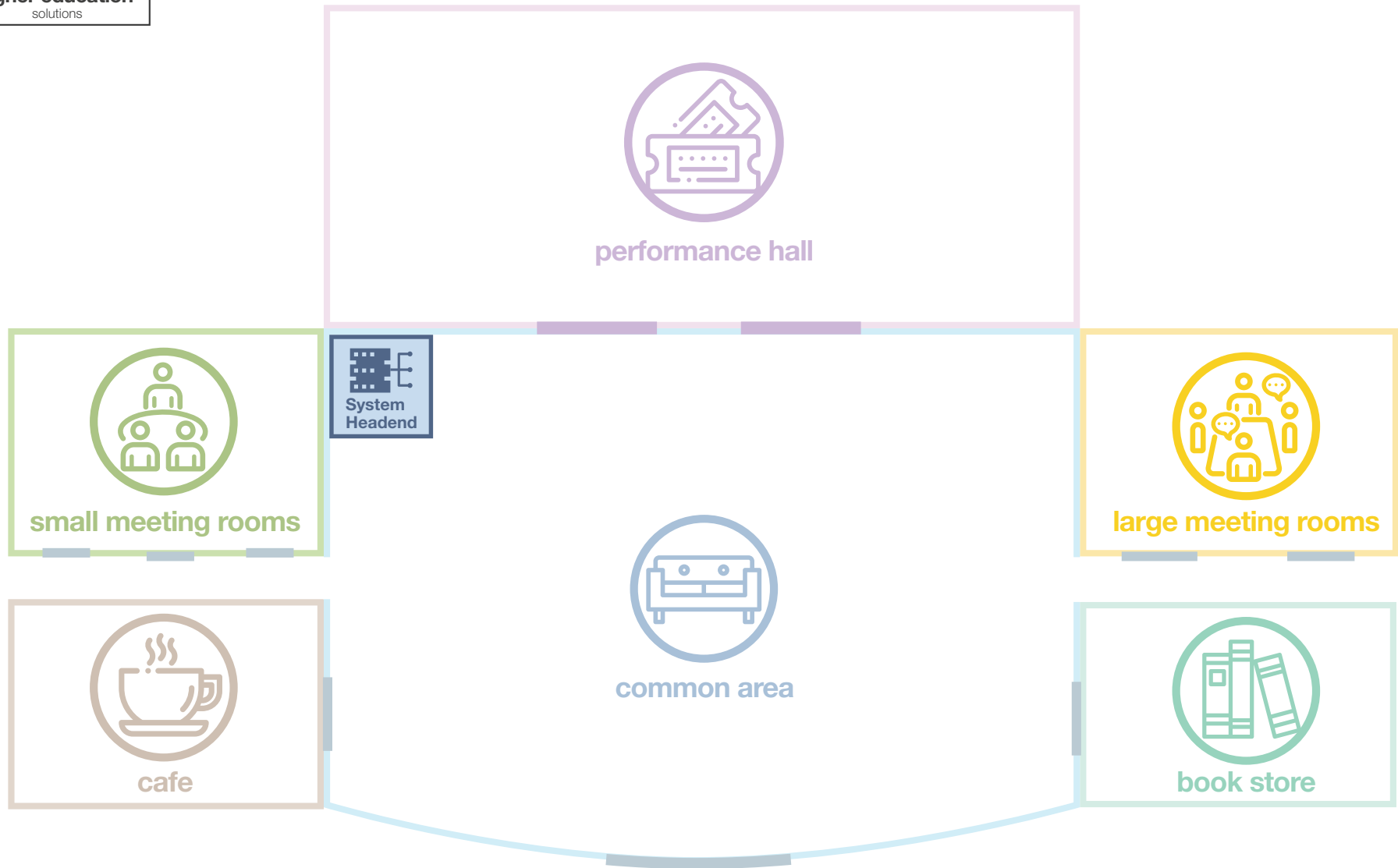


Redundant Q-SYS Cores processors for wide-area paging and BGM functionality

User paging via VoIP or POTS

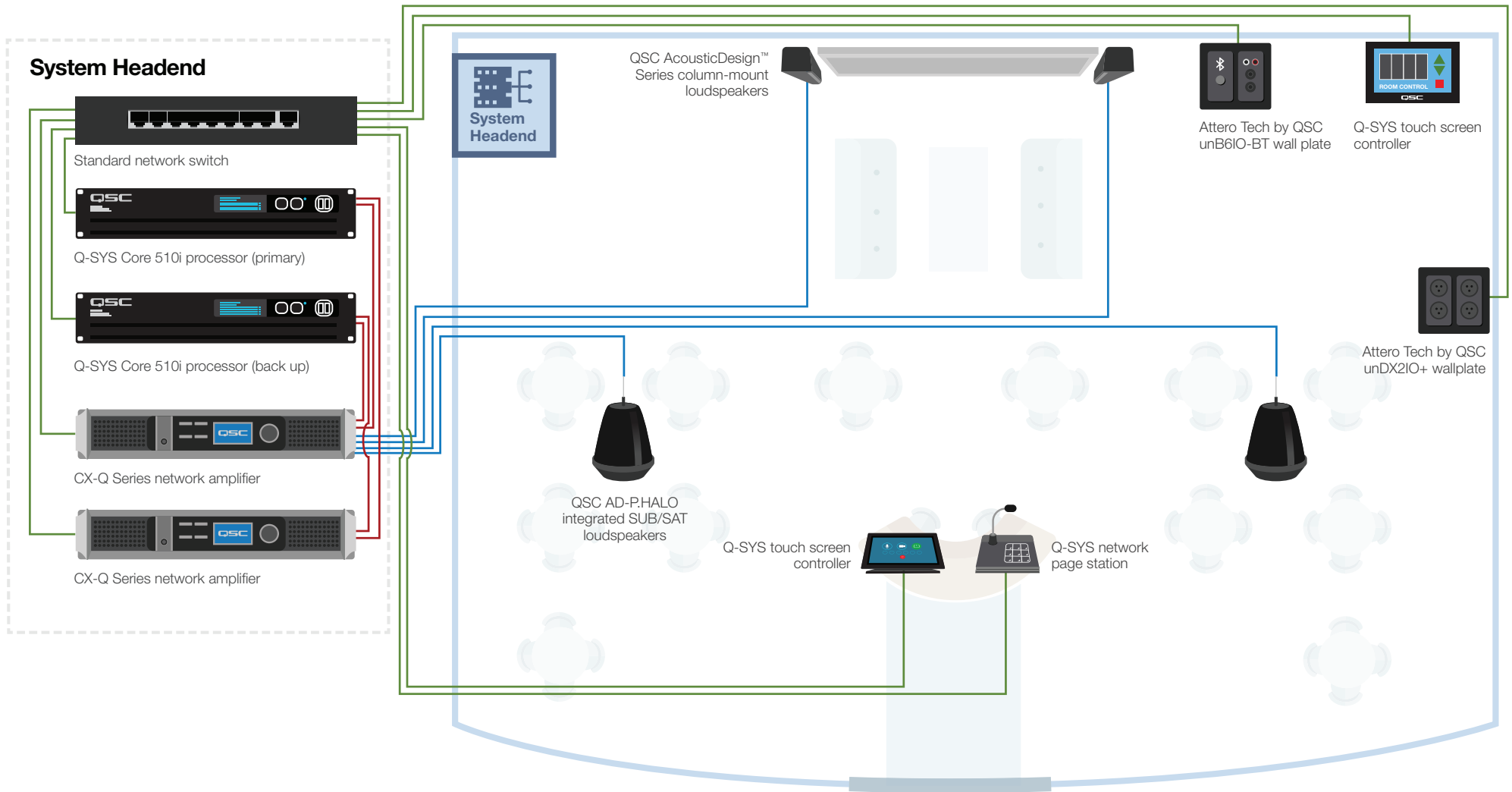
Each individual building has a dedicated Q-SYS Core for smaller classroom processing and local paging.

student union building



The system headend provides centralized AV&C processing and amplification for the café, common area and bookstore

The small divisible meeting rooms and large meeting rooms each have their own dedicated in-room AV&C processing



Redundant Q-SYS Cores provide AV&C processing and CX-Q Series amplifiers provide amplification for café, common area and book store

Attero Tech by QSC network audio wallplates act as analog audio on-ramps into the Q-SYS Ecosystem

AcousticDesign™ Series AD-P.HALO provides an integrated SUB/SAT loudspeaker system for an elevated background music experience for students

student union building



cafe



book store

standard CAT-5/6

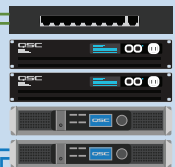
USB 2.0 or higher

HDMI

signal line

output load

**Common area
system headend**



Equipment



QSC AcousticDesign™ Series
pendant-mount SUB/SAT loudspeakers



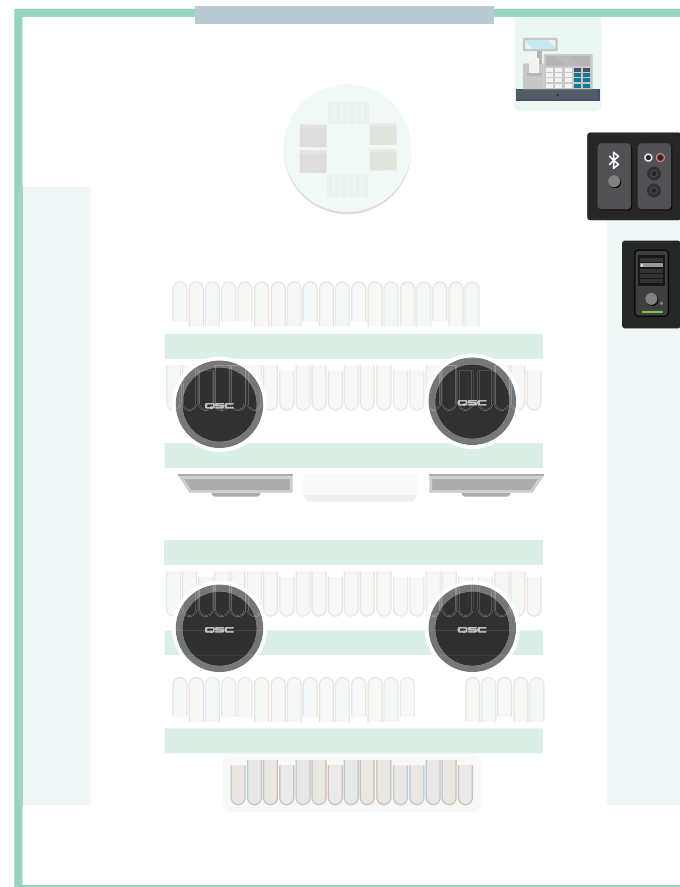
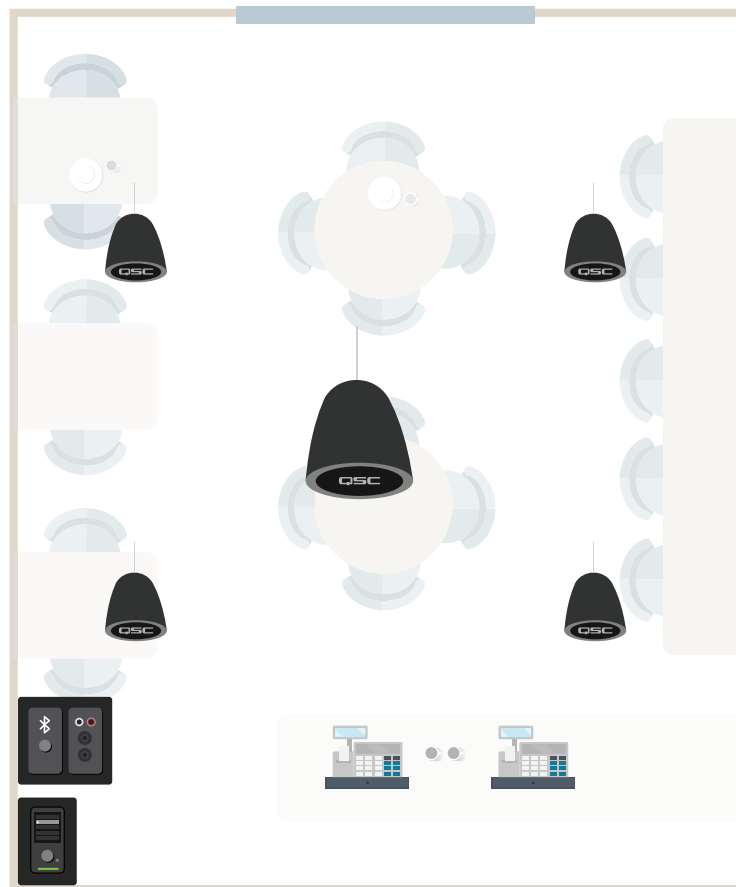
QSC AcousticDesign™ Series
ceiling-mount loudspeakers



Attero Tech by QSC
unD6IO-BT wall plate



Attero Tech by QSC
Axon C1 controller

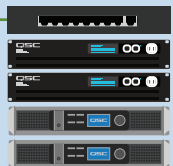


Attero Tech by QSC unD6IO-BT
network audio wallplate features
Bluetooth audio connectivity into the
system

Attero Tech by QSC Axon C1 provides simple
audio controls (volume, playback controls)



**Common area
system headend**



Equipment rack



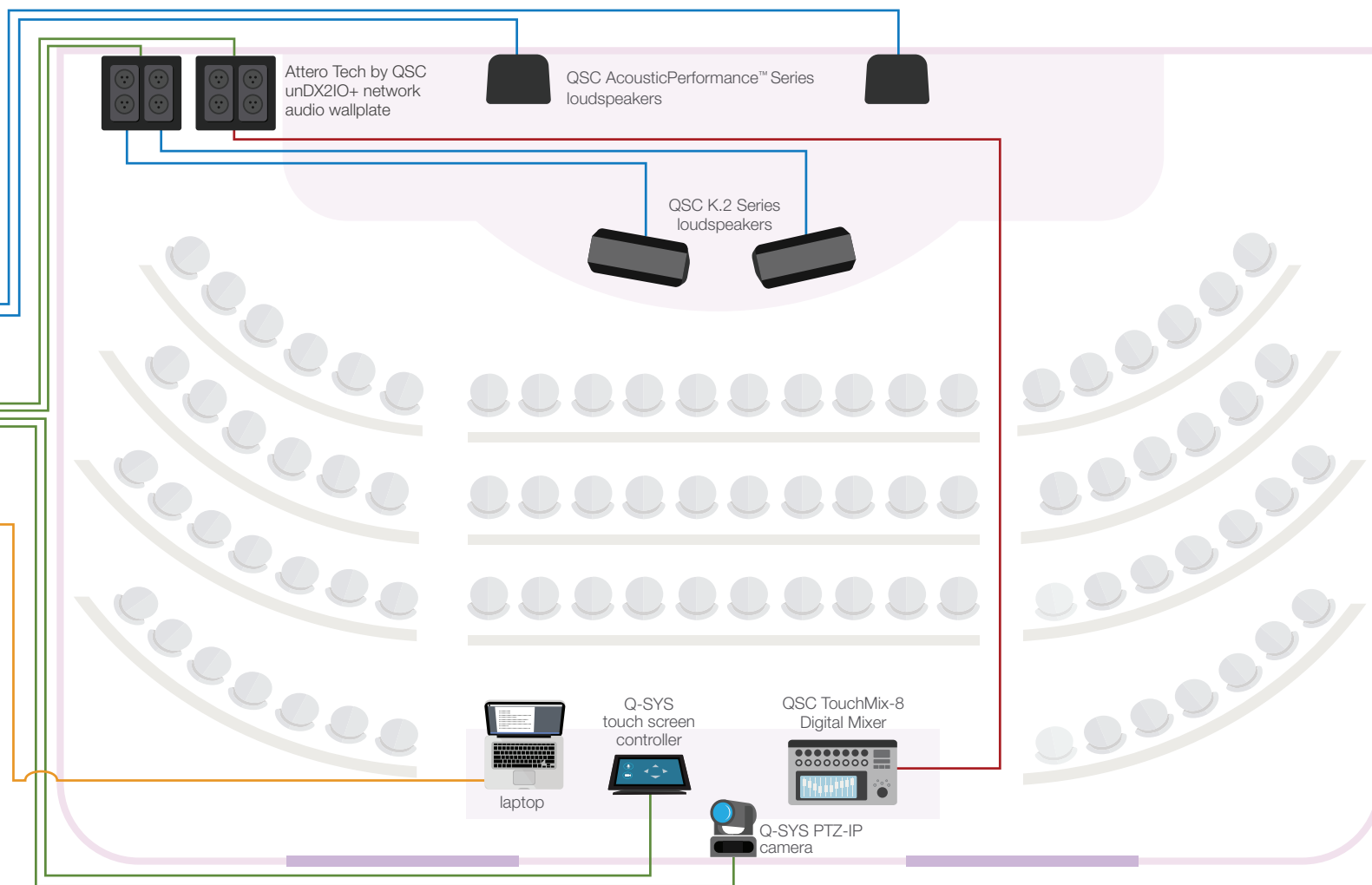
CX-Q Series network amplifiers



standard network switch



Q-SYS I/O USB bridge



Two unDX2IO+ wallplates offer XLR connections for simple pop-up events

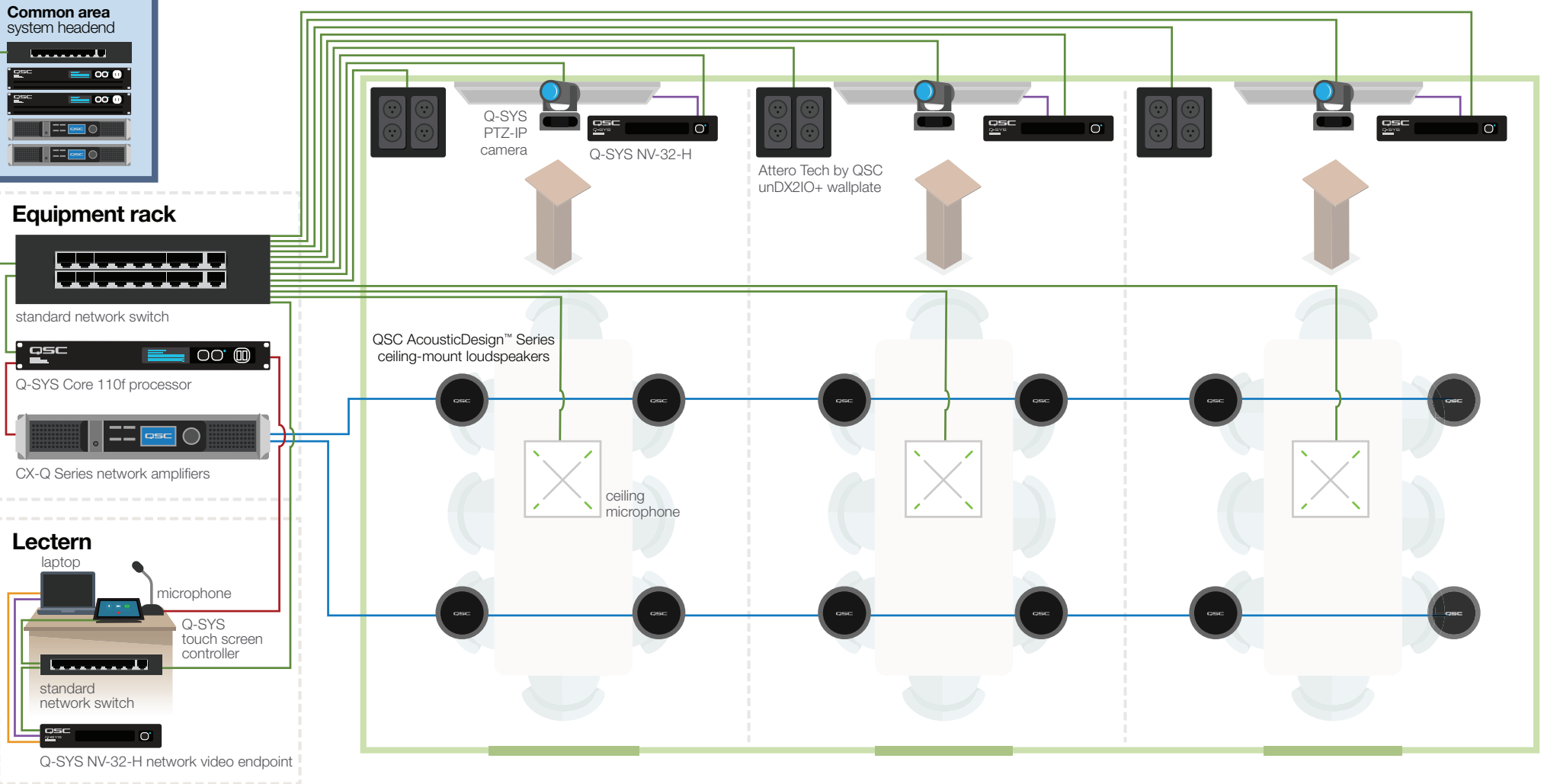
QSC TouchMix-8 digital mixer supports larger performances

QSC K.2 Series powered loudspeakers for stage monitors

QSC AcousticPerformance Series loudspeakers for background music when there are no events

Q-SYS PTZ-IP camera and I/O-USB Bridge allow performers to live stream their performances

Q-SYS touch screen provides audio control, plus any third-party device control

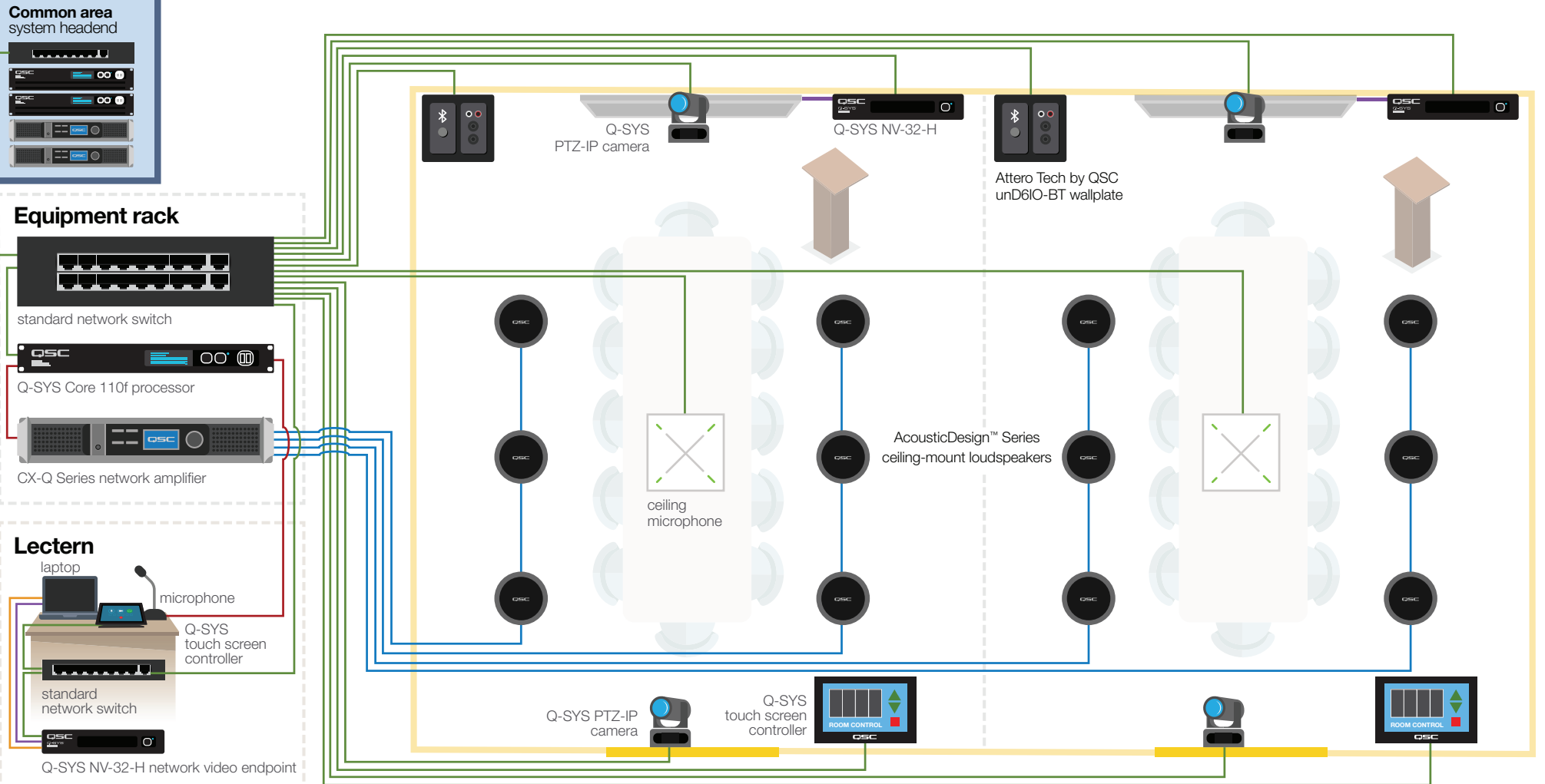


Divisible rooms with a single Q-SYS Core 110f handling AV&C processing

Room control accessible via Q-SYS touch screen controller

NV Series video endpoints & Q-SYS PTZ cameras allow for matrix routing via the network

Attero Tech by QSC unD6IO-BT offer Bluetooth connectivity for users to stream audio from their personal devices



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Customizable user interfaces
simplify the control experience
for your staff

