

NETWORKED AUDIO &amp; SOFTWARE-BASED CONTROL

# Jumpsky Trampoline Park

## Q-SYS Jumps Into the Routine at JumpSky Trampoline Park

📍 Lochristi, Belgium

Voted the best indoor amusement park in Belgium, [JumpSky Trampoline Park](#) in Lochristi brings fun, challenge and adventure in the form of jumping. The 3500m<sup>2</sup> facility boasts numerous trampoline-based activities, including dodgeball, trapeze and a ninja warrior obstacle course for people of all ages to enjoy. With the new facility in planning, it came time to choose the right AV system to accommodate this high-energy, diverse installation. They chose the [Q-SYS Platform](#) to provide networked audio and control.



“**Q-SYS has delivered a flexible, easy-to-use audio and control solution, and our customer is absolutely thrilled with the end result.**”

**Wim Zwarts**

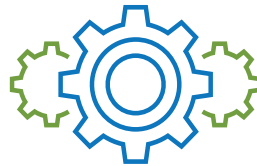
System Designer, DiverZe

# Challenges



### Software-Based Functionality

The AV system needed to deliver the right features with as little hardware as possible.



### Third-Party Integration

The system needed to integrate with the third-party lighting system that runs the light show during each jump session.



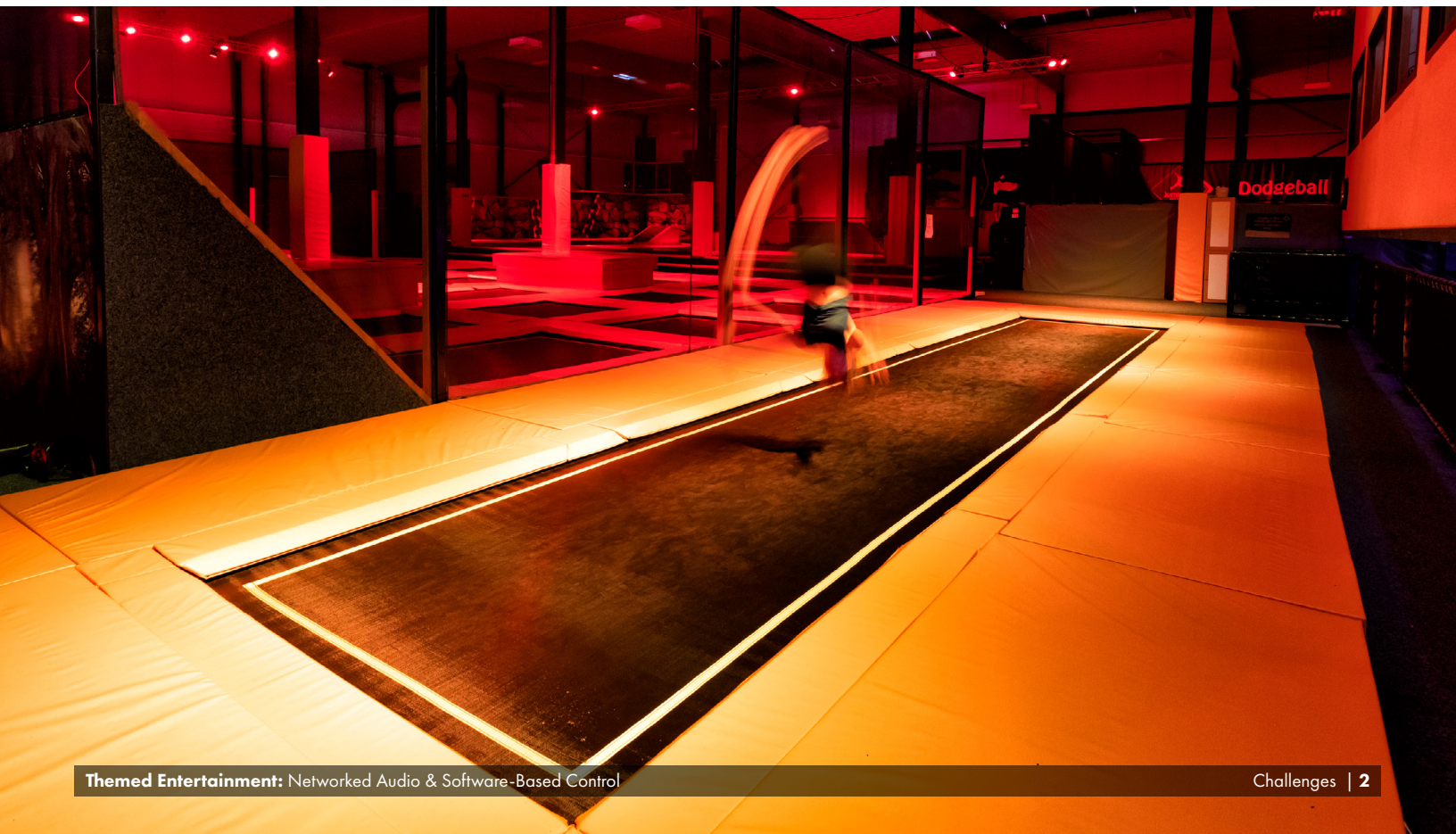
### Simple System Control

The user control interface needed to be easy to use by the student volunteers that oversee day-to-day operations.

There were two main AV functions needed for this project. Zone paging and background music were required throughout the facility, which includes a reception area and food court. JumpSky was also looking to complement each “jump session” with an automated light and audio show. With student volunteers managing the facility, JumpSky needed an AV system that was simple for anyone to use, while still delivering the functionality that enables a fun and exciting jump session. With the help of system integrator [DiverZe](#), they deployed the Q-SYS Audio, Video and Control Platform.

**DIVERZE**

AUDIOVISUAL PARTNER IN EVENTS  
CONCERTS • EXPO • INSTALL



# Solutions

## The Setup

A [Q-SYS Core 110f Unified processor](#) handles AV&C processing throughout the facility. This includes building wide background music and zone paging capabilities. The Core processor features robust, software-based paging functionality that allows for live and delayed paging, page routing, and event scheduling. This installation was setup for both live and pre-recorded paging events. The Command Scheduler component automatically plays prerecorded pages at the beginning and halfway through a jump session. As each announcement is triggered, the background music automatically ducks so each page is heard clearly.

Designers enlisted Q-SYS Virtual Page Station components and a paging microphone in the reception area. All paging controls are managed via the Q-SYS UCI Viewer, which allows you to view a [Q-SYS user control interface](#) on any PC, enabling live paging capability without the need for additional Q-SYS paging hardware.

## Simple Control

The integrator created two simple user control interfaces (UCI) – one for student volunteers and another for management - with the [Q-SYS UCI Editor](#) feature license, each deployed using Q-SYS UCI viewer on a PC. The student UCI allows for operators to start and stop a jump session, while the management UCI features also includes additional volume level adjustments.

The jump session includes a customized light show, built on a third-party lighting system. DiverZe used the Command Buttons component to send simple, one-way command strings from Q-SYS to the lighting system. When the operator presses the “Session Start” button on the [Q-SYS Touch Screen Controllers](#), it triggers the beginning of the light show, with an additional trigger sending a command to the Q-SYS internal multi-track audio player component to start the music accompaniment.

## The Clear Solution

“Q-SYS was a great choice from an integration standpoint,” explained Wim Zwartz, System Designer at DiverZe. “We were able to easily integrate the third-party lighting system into Q-SYS, combining all user controls into a single interface. We were also looking to offer as much functionality with as little hardware as possible. As a software-based solution, Q-SYS provided this while enabling us to add more features in the future, again, without needing additional hardware.”



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.

[qsys.com](http://qsys.com)

**QSC, LLC**  
1675 MacArthur Blvd.  
Costa Mesa, CA 92626 USA

**Phone** 1.714.957.7100  
**Fax** 1.714.754.6174  
**Toll Free** 1.800.854.4079  
**Outside the U.S.** 1.714.754.6175