



Large Cineplex Integration

Q-SYS™ provides Complete Networked Audio Solution for largest Cinema Complex in Scandinavia

Nordisk Film's multi-level Cineplex at Scandinavia's largest shopping centre in Denmark has installed a fully integrated Q-SYS audio and video platform, allowing guests to enjoy digital 3D and 4K movies at one of the most technologically advanced cinemas in the world. The project at Field's shopping centre was the first of its kind to service multiple theatres from a central Q-SYS Core over long distances via a QSC Q-LAN network.

CHALLENGES

The challenge confronting Nordisk Film and QSC was the need to implement a scalable, flexible digital audio system that was capable of managing the distribution of high quality digital audio to multiple theatres in a large Cineplex from a central location.

Scandinavia, Denmark



By using QSC in the Field's cinema, we have taken a step forward in cinema sound installations. Q-SYS allows greater flexibility and scalability than a conventional cinema sound processor solution, allowing us to tailor it perfectly to our needs.

Jan Rasmussen – Team Leader Cinema Tech, Nordisk Film Cinemas



CHALLENGES

1 Centralized control

Nordisk Film wanted a solution that would allow the remote management of multiple theatres within the Cineplex from a network operation center.

2 Simplified infrastructure

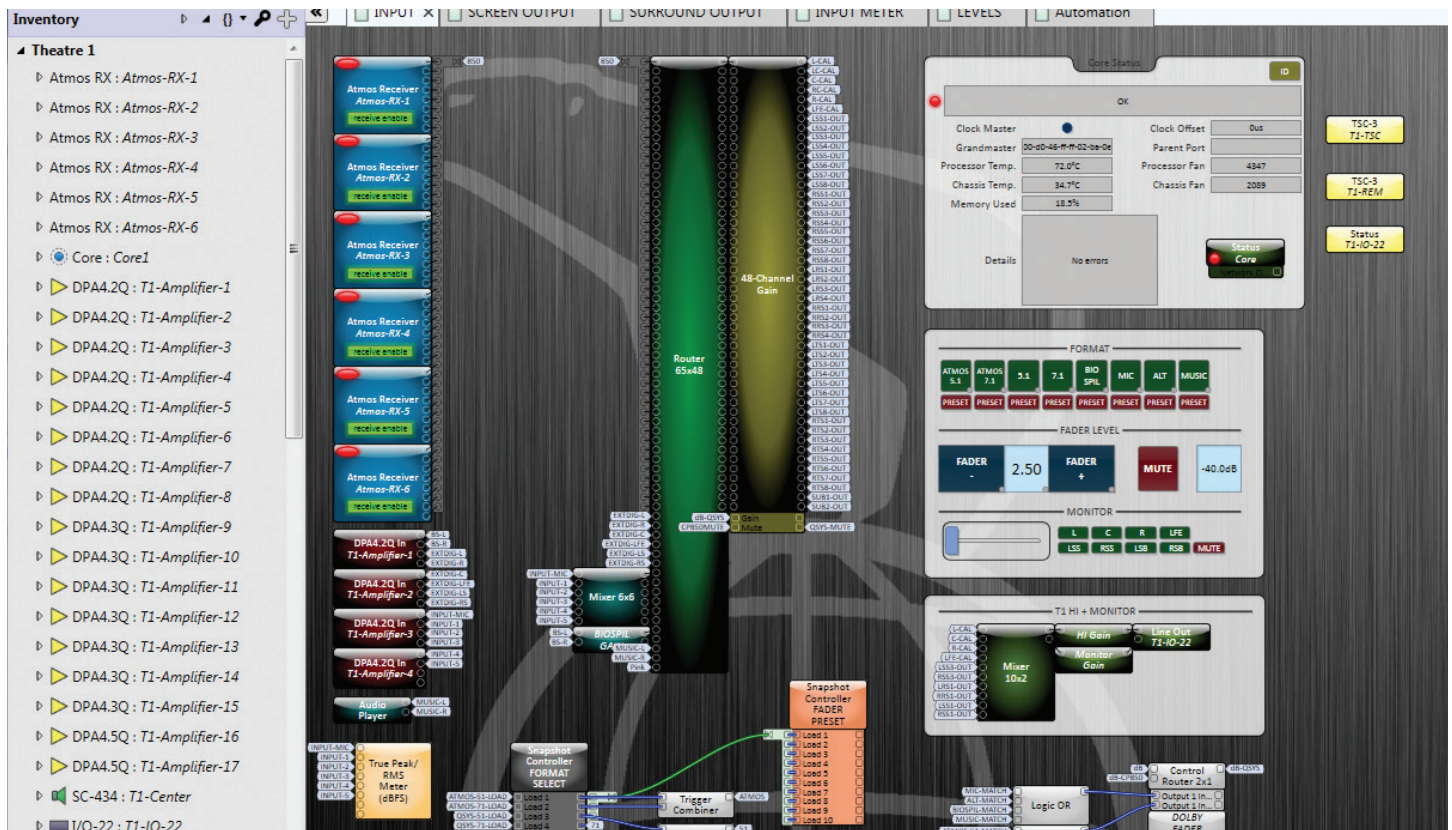
The expansive layout at Nordisk Field's meant large distances between the Cores and the projection rooms, which could only be achieved through the use of a Q-LAN network.

3 Integration with Laser Projectors

Nordisk Film wanted to integrate the AV system with Barco's new Integrated Cinema Media Processor (ICMP) servers – the first project of its kind to do so.

4 Cost Savings

The innovative Q-SYS system design required only a minimal amount of equipment to achieve the performance objective, which has allowed QSC to deliver a cost-effective solution at a lower price than with a conventional sound installation.





RESULTS

Simplified Hardware

All the signal management is done entirely within the Q-SYS platform; no other external sound processors were required thus reducing equipment count and simplifying the infrastructure.

Cost Savings

The space-efficiency of the four-channel DPA-Q amplifiers allowed the projection booth installations to fit easily into the projector pedestals, saving space, time, and money.

Better Audio Quality

Nordisk Film has benefited from the enhanced quality audio chain afforded by QSC's integrated Cores, DSP amplifiers and purpose-designed cinema loudspeakers.

Flexibility

While the Q-SYS platform is appropriate for virtually any type of small to medium cinema installation, the system's software-based approach made it a perfect fit for Nordisk Film's considerably larger and highly specialized multi-complex.



ABOUT QSC

QSC 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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