

DELIVERING CENTRALIZED AV PROCESSING AND HIGH-QUALITY ROOM ACOUSTICS

Continental

Q-SYS Ensures Smooth Conference Experiences at Continental

📍 Regensburg, Germany

At over one hundred and fifty years old, the automotive supplier Continental has pioneered innovations in rubber tires, first for carriages, then bicycles, and finally automobiles. Today, the company is a technology giant in the automotive industry, with various business areas supporting sustainable and networked mobility for people and goods. To optimize work efficiency within the company, Continental recently built a state-of-the-art facility at its Regensburg site, which houses several AV conference rooms fully integrated with [Q-SYS technology](#).



“ We are mapping 96 echo-cancelling channels here with just one Q-SYS Core. ”

Manuel Betl

Managing Director, ComPeri GmbH

Challenges

The new facilities in Regensburg depend on effective communication technology. “Audio and video quality are crucial factors because many meetings are conducted via video calls with external customers,” explained Dietmar Köppen, a member of the facility management team. The new AV conference rooms are equipped with state-of-the-art conference technology, which include a focus on high-quality room acoustics for the near-end as well as the remote (far-end) participants. A total of six conference rooms with capacities ranging from eight to thirty-four seats, as well as a community area for spontaneous gatherings, help make Continental’s facilities in Regensburg an engine of productivity. In the background – invisible to all participants – Q-SYS ensures that the daily meetings and conferences run smoothly.



Acoustics

Ensuring excellent room acoustics was essential in order to facilitate successful virtual meetings and ensure that all participants felt fully included.



Integrated

Continental sought a solution that integrates audio, video, control, and SIP telephony into a single processor.



Flexibility & Scalability

They required a system that could be adapted to their requirements and could accommodate their changing needs over time.



Solutions

Harnessing High Demands on Processing Power

Experienced integrators [ComPeri GmbH](#) were selected as the integration partner for the Continental team. With high standards for signal quality and flexibility, ComPeri chose the [Q-SYS Core Enterprise 5200](#) as its central control processor right from the start. This decision was made, in part, to accommodate the high echo cancelling (AEC) channel count for the rooms' ceiling microphones. According to Manuel Betl, managing director of ComPeri, Q-SYS enables the most powerful signal processing available, "which no other competitor offers in this form." Another decisive factor was the integration of SIP telephony with dedicated SIP clients per conference room, also served up by the Q-SYS Core 5200 processor.

Discreet Powerful Design

[Q-SYS NV Series Video Endpoints](#) are also installed discreetly under the large conference tables and behind the displays, significantly contributing to the system's overall function. With their multiple HDMI inputs and outputs, the conference rooms at Continental are equipped for the future. This provides flexibility for any expansions of the conferencing and collaboration setup, such as integrating a second screen for dual-monitor streams.

Complete Audio Signal Management

With the powerful control of the Q-SYS Core 5200 processor, all conference and meeting room participants benefit - even if they only use the system indirectly: "Particularly in longer meetings, excellent audio and video quality gives an external participant the feeling of being an integrated member of the meeting," confirms Sarah Eckhard, assistant to a member of Continental's Executive Board, who is regularly responsible for planning and conducting meetings. "The far-end participants consistently report a pleasant acoustic experience with no echo, allowing them to speak freely." Manuel Betl from ComPeri adds, "A big advantage is that we were able to solve the complete audio signal management with only one manufacturer and a few components" - an important consideration in streamlining complex installations. Q-SYS is proud to support Continental's Regensburg facility, providing a reliable foundation for daily meetings and conferences while allowing all participants to work toward keeping the future in motion.



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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