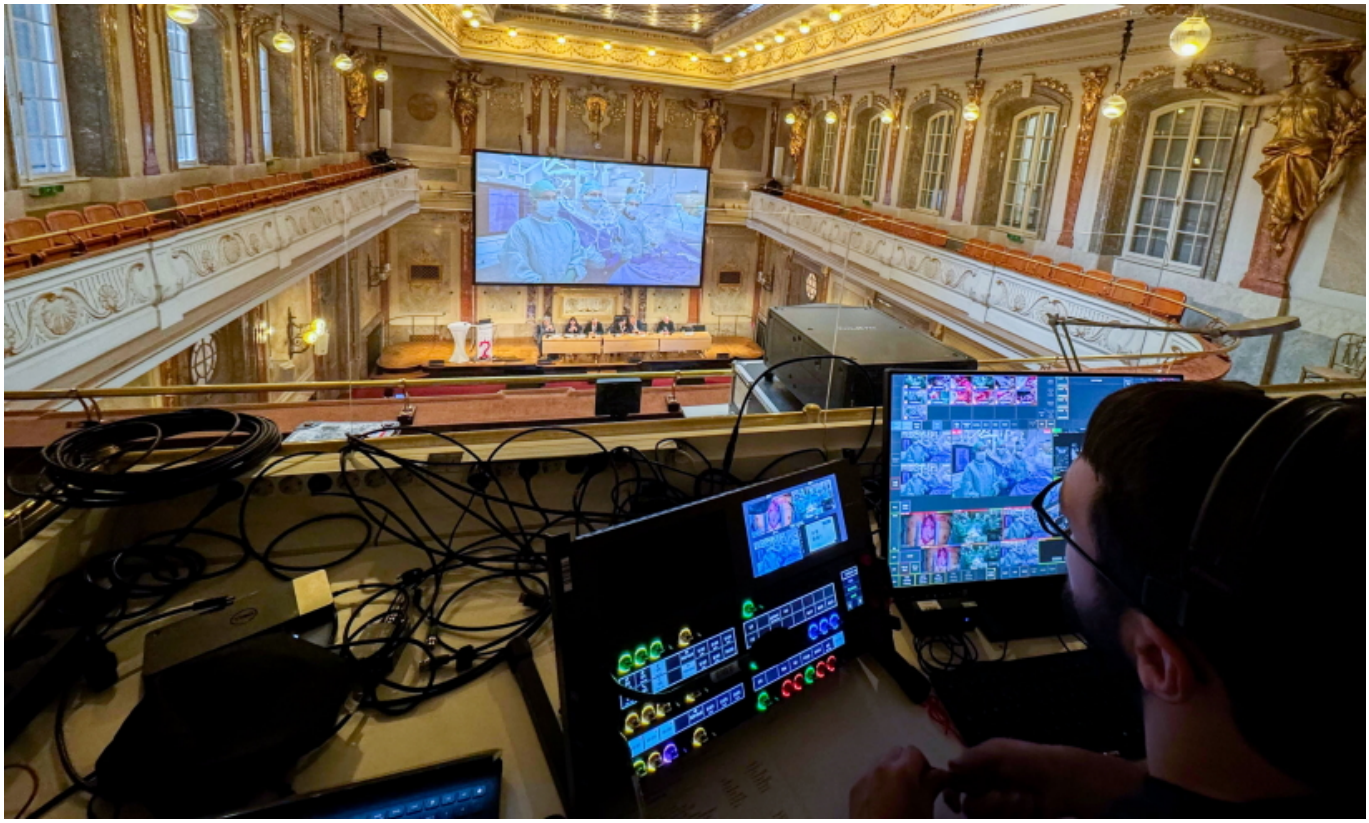
Riedel for VISAR 2025



At the Vienna Interdisciplinary Symposium on Aortic Repair (VISAR), Riedel Communications' Managed Technology Division delivered a turnkey technical infrastructure enabling the live transmission and interactive presentation of highly complex surgical procedures. The internationally renowned medical congress took place at the Haus der Industrie in Vienna, connecting live operations from multiple operating rooms at Vienna General Hospital with an interdisciplinary audience of medical professionals from around the world.

The integrated Riedel ecosystem, which consisted mainly of Artist and Bolero intercom systems, MediorNet video infrastructure, and the SimplyLive Production Suite, transmitted surgical procedures from three parallel operating rooms to the congress hall in real time. Meanwhile, the setup enabled direct, bidirectional communication between the operating medical teams, moderators, and attendees. Surgeons demonstrated different approaches to aortic and heart valve surgery simultaneously and discussed them comparatively in the congress hall. The live transmissions provided clear insight into highly complex, multi-hour procedures and allowed the specialist audience to follow surgical decision-making in real time.

"The technical requirements of VISAR go far beyond those of a traditional medical conference," said Dr. Martin Funovics, member of the VISAR Executive Committee. "Working with Riedel gave us the confidence that the congress could be delivered reliably in all its complexity." Riedel was responsible for video and audio distribution

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as well as the complete intercom and network infrastructure between the spatially separated locations at the hospital and the congress venue. The team deployed Riedel Artist and Bolero intercom systems and equipped not only moderators and technical teams but also medical staff with wireless Bolero and Bolero S beltpacks. This enabled surgeons to communicate directly with the congress hall during live procedures, answer questions, and explain their approach in real time without interrupting the surgical workflow. Riedel StageLink Network Stream Adapters integrated intercom signals from the operating rooms into the congress hall PA system, making the dialogue audible to the audience.



Using Riedel’s Bolero Bridge, the team connected the Bolero networks in the individual operating rooms to the intercom system at the Haus der Industrie and managed them centrally. The cross-site connection was implemented via a secure IP link and additionally monitored and supported by the Riedel Remote Operations Center (ROC), ensuring stable and controlled communication even under the special conditions of a hospital environment.

Riedel’s SimplyLive Production Suite powered live video production in the congress hall, enabling flexible switching between the different operating rooms as well as the targeted playback of replays to illustrate surgical differences and clinical decision-making. MediorNet MicroN complemented the setup by serving as a central multiviewer solution for the simultaneous display of live surgery and presentations.

“VISAR 2025 clearly demonstrated how technologies from broadcast and live production can be applied in highly critical medical environments,” said Florian Rau, Program Manager Global Events, Riedel Communications. “Our turnkey Managed

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Technology solution ensured a smooth technical implementation and allowed the organizers to focus fully on content and professional exchange.”

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