



Case Study

Advanced Video Solutions for Research Institute

Advanced Video Solutions for QuantumTech Institute, owned by one of the world's wealthiest individuals and the founder of one of the nation's largest software companies, is a renowned non-profit organization dedicated to pioneering cancer research using advanced technology. Prior to collaborating with us and 1 Beyond Intelligent Video, QuantumTech Institute faced several challenges with their existing technology infrastructure, particularly in the realm of audio and video quality during video conferences. Dissatisfied with the support and performance provided by their previous technology vendor, they sought a fresh perspective to enhance their technology capabilities.

QuantumTech Institute facilities encompass multiple conference spaces, two large video walls, presentation rooms, collaboration spaces, 27 interactive displays, and an array of audio-visual components, including integrated speaker systems. Among their foremost concerns was the subpar quality of audio and video during video conferences. They engaged our team at Profound Technologies to address these issues in two of their rooms.

The end result was a flawless installation that met QuantumTech's Institute expectations and left them extremely satisfied.

Profound Technologies proposed leveraging 1 Beyond's innovative automated conferencing solution to transform QuantumTech Institute's video conferencing experience. 1 Beyond's system utilizes 3 to 10 PTZ (Pan-Tilt-Zoom) cameras strategically placed throughout a room, combined with room microphones. It intelligently tracks the speaker and automatically switches between camera presets to provide a clear, close-up view of the speaker. This automated solution effectively transformed QuantumTech Institute's conference rooms into high-quality production environments, where board members and doctors could seamlessly conduct presentations or Zoom calls.

The Profound team had to overcome several technical hurdles during the implementation process. This included running new cabling, installing upgraded microphones, and ensuring the discreet placement of three larger cameras. To achieve a clean and unobtrusive installation, they meticulously adjusted TV heights, customized camera mounts, painted equipment to match the room decor, and temporarily set up camera stands for customer approval before

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permanent installation. The end result was a flawless installation that met QuantumTech Institute's expectations and left them extremely satisfied.

The success of the initial implementation prompted QuantumTech Institute to request the extension of this solution to additional rooms within their existing facilities. Furthermore, they had recently acquired a new building and sought our expertise to replicate the technology integration process there.

"As President of Profound Technologies, I believe that our team's dedication to meticulous planning and precision is at the core of our success. We faced a distinctive challenge at QuantumTech's Institute, where our mission was not only to install cutting-edge technology but also to safeguard their priceless art collection. We rose to the occasion, intertwining innovation with sensitivity, ensuring that no adjacent artwork was accidentally damaged. This commitment reflects our unwavering dedication to excellence and preserving the invaluable treasures that adorn our clients' premises," describes Bradd Fisher, President of Profound Technologies.

Profound Technologies' partnership with QuantumTech Institute exemplifies our commitment to delivering cutting-edge technology solutions tailored to our clients' unique needs. By addressing their audio-visual challenges, expanding their technology capabilities, and protecting their invaluable artwork, not only improved QuantumTech's Institute day-to-day operations but also empowered their cancer research endeavors with state-of-the-art conferencing technology. This project emphasizes the ability to overcome complex technical challenges and provide holistic solutions that enhance the clients' overall experience.

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