

Reliable Communication at the Heart of Saving Lives in this Recent Upgrade at Nuremberg's Fire Station 4



THE CLIENT & THE CHALLENGE

The administrative staff at Fire Station 4 in Nuremberg was to be linked to the operational staff at Fire Station 5 via audio and video conferencing technology. The goal was to not be dependent on an intermediary, and to be able to exchange information reliably and at all times.

In addition to being easy to operate, it was particularly important that the system be

reliable, tap-proof, and that it transmit high quality speech and video. The system also had to be affordable and easily expandable.

THE INTEGRATION TEAM

Hired for the project were well respected integration and architectural design experts, Franken Lehrmittel Medientechnik. Together with the local distributor prodyTel, the team came up with an integrative approach to the technology needs of Nuremberg's Fire Station 4.



THE SOLUTION

In choosing the conference technology, the company responsible for the technical implementation, Franken Lehrmittel Medientechnik, decided to use hardware by industry leaders Biamp, Clockaudio and Vaddio. Communication is carried out using a well-integrated installation of the following equipment.

THE EQUIPMENT

- (2) Digital Biamp Tesira Forté CI Audio Servers
- (10) Clockaudio CS3W-RF Suspended Gooseneck Microphone with Short, Flexible Shaft & Knuckle Joint (phantom power adapters (CPPW01-RF) also included)**
- (2) Vaddio PTZ RoboSHOT 12 QMini Cameras



The Clockaudio CS3W-RF Suspended Microphone comes with the CCPW 01-RF phantom power adapter. For this project, the



adapter was installed above the ceiling and provided a discrete housing for the microphone in the plenum space above.

Designed for ceiling mounting the CS3W-RF has an unobtrusive, slim line design and is response optimized for consistent sound quality.

Its gooseneck design and flexible shaft and knuckle joint enables you to position the microphone exactly where you want to it to be, simplifying installation.

Of the microphone, Rod Geary, International Sales & Marketing Manager for Clockaudio, Ltd. says, “The highlights for this microphone are that it features our signature C3 capsule and our proprietary knuckle joint.”

The capsule which is used on many of Clockaudio’s gooseneck microphones gives you a high gain before experiencing any feedback. Geary adds, “This knuckle joint provides tons of flexibility and is much easier to work with.”



Jan Otte, Marketing Director for the Distributor prodyTel, had this to say, “Clockaudio was the first choice because it was absolutely critical to obtain audio-quality and reliability on a very high level. As for the integrator, we have been working with Franken Lehrmittel Medientechnik for years and we value their professionalism and expertise.



THE RESULT

Perhaps the client sums it up best. Graduate Mineralogist Volker Skrok, Head of the Nuremberg Fire Department and Director of Disaster Response said this about the installation,



“It was crucial that we use optimized video

conferencing technology to directly obtain information, without an intermediary.” He adds, **“To our satisfaction, this technology, provided by prodyTel and installed by Franken Lehrmittel fully meets these requirements and has been well received by all parties.”**

ABOUT THE DISTRIBUTOR

prodyTel Distribution GmbH is a B2B specialist distribution for AV & IT and primarily focused in the areas of room solutions for unified communications, conference technology & sound reinforcement, streaming & recording via IP, digital media distribution voice alarming, sound masking and digital signage.

For further information about prodyTel please contact Mr Jan Otte who is responsible for marketing at jan.otte@prodytel.de.

Clockaudio is proud to be an integral part of this prestigious installation and would like to thank prodyTel Distribution for their contribution to this case study. Much of the information for the study was obtained from a previously published case study that was translated.

ABOUT CLOCKAUDIO

For over 20 years, Clockaudio has been dedicated to manufacturing innovative pro-audio products.

With corporate headquarters and manufacturing located in the United Kingdom and additional offices in both North America (Montreal, Canada) and Asia (Singapore), Clockaudio is led by a talented team of audio specialists dedicated to quality, service and innovation.

Globally, audio professionals actively seek out and recommend Clockaudio for its reputation as a trusted and responsive manufacturer and its customer driven approach to audio solutions. Central to this is the in-house research and development that Clockaudio consistently reinvests in which allows clients to explore customized prototypes and develop specific briefs in partnership.

Consultants and contractors alike help to drive Clockaudio’s product development process and appreciate the opportunity to be involved in the engineering process and final solution. The ability to customize is just one of the many factors which makes Clockaudio...clearly different.

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For more on this project or other Clockaudio projects, please contact news@clockaudio.com.