

CASE STUDY

AUTOMATIC MINIATURE FIRE EXTINGUISHING UNIT PROTECTS SERVICE COLUMN

Secured info service pillar in Tritttau!

Tritttau belongs to the metropolitan region of Hamburg, Germany and is conveniently located between Hamburg and Lübeck near the highway A 24 (Hamburg-Berlin) and the B 404/A 21 to Kiel in southeastern Schleswig-Holstein. Approximately 9,000 residents live in the lovely and engaging community on the edge of the beautiful Hahnheide. Tritttau is characterized by a lively club life, numerous events and activities, as well as a good infrastructure with committed trade and commercial enterprises. Especially the proximity to Hamburg, Tritttau is a popular place to live and work. In order to improve the networking of various transport companies at the Vorburgplatz mobility hub, Mr. Mesch, mayor of the municipality of Tritttau and chief administrative officer, has sought advice from the company Multicomssystem OHG from Hilden, Germany.

The main focus was to offer citizens the opportunity to call a cab, make an emergency call or obtain timetable information from the Hamburg public transport system at a central point.

In order to ensure that the connected offices can be reached at all times, the municipality of Tritttau also relies on integrated fire protection in its information service pillar, so that in the event of a technical defect, it can be informed as early as possible and an incipient fire can be extinguished directly.



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The AMFE protects against overheating of the technical modules



Thanks to state-of-the-art technology, these requirements are combined in one service pillar. Depending on which button is pressed, a call goes out to the cab control center, to the control room or to the Hamburg transport association. To enable people with impaired hearing and/or vision to operate the service pillar, it was designed to be barrier-free. For this purpose, an induction loop amplifier was integrated and a foil with Braille was laminated onto it.

To protect these technology modules, a heating module was installed to protect against cold and an automatic miniature fire extinguishing unit (AMFE) was installed to protect against fires from the inside. The AMFE protects against overheating of the technical modules. If the components overheat, the extinguishing process is automatically triggered when the temperature exceeds a predefined level (sprinkler principle). When triggered, a message is also automatically sent to the control room. The extinguishing liquid is a liquid that leaves no residue and, in contrast to e.g. foam.

For further information, technical details and questions, please contact
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