



Hagen Sparkasse Karree

profits from FTTO

REFERENCE

Client: Hagen Sparkasse Karree

Sector: Finance

Product: Ethernet Micro Switches
Fiber To The Office



In a few words:

The Sparkasse Karree in the city center of Hagen is a trendsetting building in terms of planning, usage and facilities. This also includes the Fiber To The Office concept - a fast network that works with switches from MICROSENS. Success proves the planners right: The building concept with fiber optic cabling has won second place in the German nationwide Sparkasse bank branch competition.

The Sparkasse was looking for the building to provide powerful networking with a high port density", Marko Richter, team leader at MICROSENS, explains the building's network philosophy. "A fiber optic network with our switches offered extremely good value for money. We delivered a total of 450 Ethernet Micro Switches and the Sparkasse therefore realised an average of two ports per workplace."

The Story:

This end was a start: Demolition of the „langer Oskar“ (long Oskar) tower in the city center of Hagen, Germany, created space for a completely new building concept. This not only excels by virtue of its modern architecture, but also as a result of the future-oriented solution for the network infrastructure. MICROSENS provided good advice and high-performance switches.

MICROSENS

The best solution for the Hagen Sparkasse Karree

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It started with a big bang. The old Hagen Sparkasse Tower in the center of the city was demolished - the controlled demolition of the building was broadcast on television. This paved the way for a completely new building concept in the center of Hagen. 27,000 m2 of modern space with the Sparkasse branch, shops, market place, event area – and everything with modern technical infrastructure whose data transmission and network is designed to still be state of the art in the future.

Planning creates the future

It is the planning phase of a new building in which the functionalities of the building are defined and an influence is exerted on sustainable modernity and value. This is precisely why the MICROSENS advisers were among the first to consult with the general contractor commissioned: Expert knowledge, also from the specialised trades, is in demand at this stage. And this is what MICROSENS constructively contributed to the Sparkasse Karree in Hagen during a long consultation phase: It was important to present the advantages of an FTTO concept, i.e. a fiber optic solution. MICROSENS supplies high quality switches for such solutions.

A fiber optic network offers many advantages for modern office buildings. The most obvious one is perhaps the high bandwidth and the resulting fast data transmission. Furthermore, the FTTO solution in the Hagen building complex only requires two redundant distribution rooms, which were located in two separate fire compartments. So the architect was able to plan the building without further distribution rooms and managed to make perfect use of every square metre in the expensive city location.

Performance meets security

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At the same time, an effective redundancy concept was elaborated for the network. The grid-distributed sub-floor boxes with MICROSENS Micro Switches are always addressed alternately from the two separate distribution rooms.

Outstanding work - that was the verdict of the jury from the German nationwide Sparkasse bank branch competition, which awarded the Hagen Sparkasse Karree second place. And that’s also how Achim Groll, network administrator at the Hagen Sparkasse, sees it. „Collaboration with MICROSENS has always been first rate - before, during and after implementation of the project. Our technical standards for hardware and the overall concept have been met to our utmost satisfaction.“



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Reference Hagen Sparkasse Karree
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