

# Reference Report

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## About SIGMA

As a reputable system house in Saxony SIGMA Chemnitz GmbH operates as system integrator and partner of well-known Providers in the IT sector. Our over 80 employees at the Chemnitz and Dresden sites form a competent team at the location Chemnitz. With expertise, competence and over 30 years of experience we offer our customers reliable and powerful solutions.

## About DigitalPakt Schule

Digitalization has long since arrived in all areas of life. To ensure students digital competencies, all types of schools that require it for their learning concept are to be equipped with modern IT infrastructure and high-performance WLAN networks by 2025.

Since the federal and state governments are also pursuing this goal, investments of this kind are supported by the DigitalPakt Schule (Digital Pact for Schools).

## Illumination of seven schools in western Saxony



## Background information

As part of DigitalPakt Schule, the Zwickau administrative district planned to equip its special schools, also Glauchau planned to equip its high schools, secondary schools and elementary schools with WLAN. In order to be able to optimally define the number and locations of the necessary access points, it was necessary to inspect all the buildings concerned in advance.

## The challenge

The challenge for the implementation is to carry out the project during non-instructional time in order to avoid disruptions to school activities.

## The implementation

On request of SMI Computersysteme GmbH as a longtime partner of the district of Zwickau and the city of Glauchau, SIGMA is responsible for the local illumination of seven schools.



With the help of floor plans, the locations of the access points could be estimated in advance.

During the Christmas and winter vacations, SIGMA technicians were on site to check and optimize the locations of the access points. From this measurement we were able to make fact-based recommendations on the local installation of the access points. SMI Computer-

systeme GmbH then received this recommendation and the measurement results of the illumination for further processing.

## *This is what our customer says...*

*„SIGMA’s experience in the field of WLAN and the flexible planning of operating times convinced us of a partnership with SIGMA Chemnitz.*

*Michael Musick, Managin Director of SMI Computersysteme GmbH*