



GYMNASIUM
VILSHOFEN

TP-Link Brings High-Performance Mesh Wi-Fi to High School



♥ END-CUSTOMER GENERAL PROFILE

Name: Gymnasium Vilshofen

Industry: Education

Capacity: 50 Classrooms

Users: About 800 daily average
users (DAU), 5000 at events

Location: Professor-Scharrer-Str.
19, 94474 Vilshofen, Germany

♥ BACKGROUND

The Vilshofen high school is a scientific, technological, and linguistic grammar school on the Danube in the Passau district in Lower Bavaria. Vilshofen high school is also a seminar school for English, German, history, geography, female sports, social studies, and economics. A team of about 75 teachers teaches approximately 720 students.



♥ PARTNER PROFILE

Name: VSH Medientechnik
Furtner GmbH & Co. KG

Expertise: Tapeless
productions, video & audio
technology, IT & Security,
telecommunications

Area: Thyrnau, Bavaria,
Germany

♥ USED PRODUCTS

• Jetstream Switches

7x TL-SG3428MP

3x TL-SG2428P

2x TL-SG3452P

• Easy Smart Switches

2x TL-SG108PE

• Omada Controller

1x OC200

• Omada Access Points

60x EAP245

2x EAP115-Wall

• Accessories

12x TL-SM311LM

♥ CHALLENGE

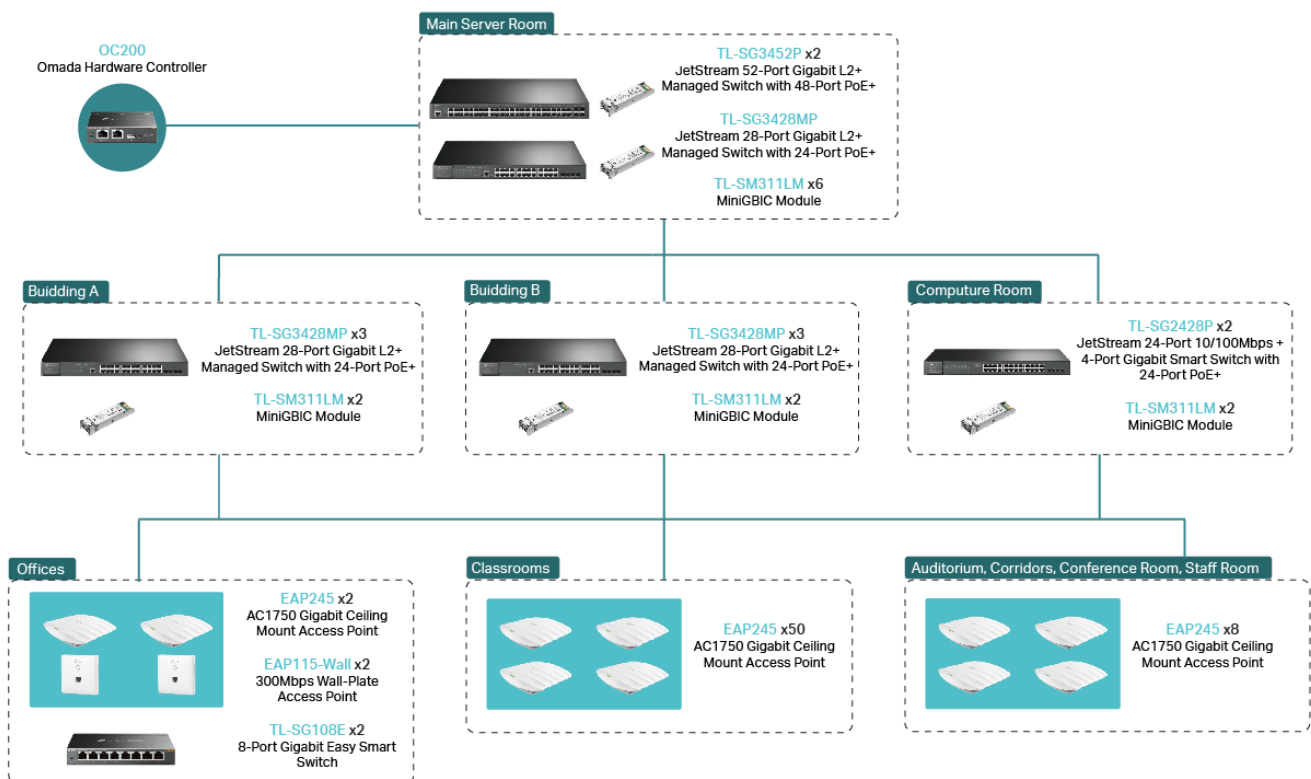
Vilshofen turned to TP-Link in December 2020 for a reliable networking solution to rebuild their network that would solve the following problems:

- Offer high-performance and stable internet access to every student, teacher, staff, and visitor, especially on event and activity days.
- Cover the impossible cable-wired "dead zones" with stable Wi-Fi.
- Easy and centralized management for one staff member.
- Two separate networks, one for students and the other for teachers & administrative staff.
- Meet the high network requirements with a limited budget.

♥ SOLUTION

TP-Link provided a suitable networking solution that met all of the demands and overcame the inconveniences brought about by COVID-19.

The Solution Topology of Gymnasium Vilshofen



Network Deployment

Sixty EAP245, MU-MIMO dual-band ceiling mount AP, provided a full-covered wireless network to every classroom, conference room, and office. The Mesh function lifts the Wi-Fi coverage effortlessly into "dead zones" without additional wiring.

Satisfied High Performance

The entire school enjoys stable and reliable wireless connections when they move between classrooms and offices. As the network gets faster and stable, teachers convert to digital materials even more.

Secure, Personalized Access for Teacher and Students

Multiple SSIDs and VLAN functions personalize the network experience for teachers, staff, and students by enforcing specialized access policies that protect all private and sensitive data.

Easy Centralized Management

An OC200 centrally managed all EAPs. The network administrator can monitor network traffic in real-time, assign the configurations to EAPs in batches easily. Moreover, no special training or maintenance is required to manage the network, thanks to its easy-to-use interface.

Reliable and Timely Services

Even under the coronavirus situation, TP-Link still kept the quality of its service. Our European subsidiary and its local partners guaranteed the delivery and deployment, building a solid bridge between residents and other stakeholders with a strong sense of responsibility.

Cost-Effective Solution

TP-Link offered the best value and cost-to-benefit ratio when compared to other brands. With affordability, it delivered high-power Wi-Fi coverage, satisfying network speeds, and unflinching network stability.

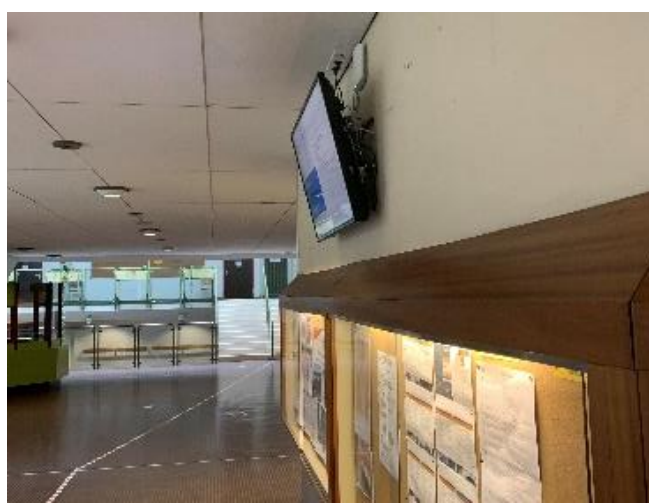
♥ RESULTS

The teachers, students, and staff in Vilshofen are delighted with the solution. There has been no downtime since the installation. TP-Link provided a stable, fully-covered, and easily-managed network. It has released the IT administrator from the exhausting and complicated management, brought convenience, and allows them to:

- Enjoy an optimized network experience and pay less attention to network maintenance or troubleshooting.
- Explores new teaching and learning methods and opportunities, such as using multimedia content during classes.



EAP245 provides Wi-Fi for the classroom



EAP245 provides Wi-Fi in the corridor



EAP245 provides internet access in a conference room



PoE Switch delivers power to APs

♥ Related Recommended Products



EAP245



EAP615-Wall



OC200



TL-SG3452P



TL-SG3428MP



TL-SG2428P



TL-SG108PE



TL-SM3111LM