

Success Stories

Education

Taking Education to the Next Level



EdTech is advancing rapidly, but schools' IT systems lag behind

The increased use of tablets, notebooks, smartboards, and online learning platforms has brought not only new opportunities but challenges to the schools – with more connected devices putting increased pressure on school networks.

Keep teachers and students safe with surveillance cameras over large areas

24/7 camera reliability is crucial, but surveillance cameras can use significant bandwidth and slow down network performance. Additionally, integrating cameras with the existing network infrastructure can be complex and challenging.



20.5%
Global EdTech
2021 – 2030 CAGR
(Source: Allied Market Research)



| **School networks** are **soft targets** for cybercriminals because ...

The shift to remote learning has increased the potential attack surface

The large number of devices or uses make it hard to manage

Unsuspecting school employees and students may be easy to phish or overlook social media risks



Schools lack security and IT staff and resources for cyberthreat prevention and data recovery

Some wireless routers don't have sufficient security measures in place

GRANTING STUDENTS RELIABLE, EASY ACCESS TO DIGITAL LEARNING

Online education's importance has grown due to Covid. Zyxel has helped schools worldwide build reliable and easy-to-manage networks to enhance learning and provide secure network access.



7,100+
global schools

64,000+
Zyxel's devices
deployed



BENEFITS

For students



01

Granting students reliable, easy access to digital learning

02

Protecting student network access and data from theft



BENEFITS

For teachers



01

Reducing log-in times
and providing
teachers with faster
access to information

02

Saving time for
teaching staff and
making it easier to
run online classes



BENEFITS

For IT staff



01

Identifying and fixing network issues remotely and immediately without onsite visits

02

Delivering proactive services with the help of full visibility and analysis of the whole network

03

Providing secure connectivity for both online education and guest access



Atom IT, United Kingdom

Enabling Hassle-Free Management for MSP



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“We needed something we could easily replicate as the rollout moved on. The cloud-managed WiFi 6 network gives excellent coverage of the sites with comprehensive network management, all from a single pane of glass. Meanwhile, the seven-year Nebula Pro license is giving the customer peace of mind, guaranteeing smooth, worry-free operation for the long run.”

Jamie Fowler,
Director, Atom IT



Balıkesir Bilnet College, Turkey

Expanding Students’ Global Outlook with a Strong Network

“Strong communication infrastructure and uninterrupted internet access are among the main needs of the modern education system. We thank Zyxel and business partner Atasayar Teknoloji for their support.”

Faruk Tatar
CEO, Balıkesir Bilnet College



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Boarding School in Zvolen, Slovakia

Ensuring Hassle-free and High-speed WiFi Throughout the Dorm



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“A quality internet connection is essential for study and for leisure activities. I’m glad our students finally have a reliable wireless network that can handle this. Building this new network infrastructure was demanding, but we now have the tech to meet our students’ demands for many years to come.”

Ing. Katarína Vričanová
Director, Boarding School in Zvolen



Boudica Schools Trust, United Kingdom

Empowering Learning Experiences with Cloud Networking



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“The new network helps us provide engaging and powerful learning experiences and content. It also creates better learning opportunities and standards, while reducing costs. The network offers greater efficiency and security, especially implementing a new cloud-based web filtering software that controls the types of content that can be accessed by pupils.”

Jonathan Lumb
IT Manager, Boudica Schools Trust



CMU Marqués de la Ensenada, Spain

Improving Network Capacity and the Learning Environment

“We needed higher internet speeds to deal with the increasing number of connected devices. Thanks to Zyxel and our partner Infotecnika IDS, we were able to design and deploy a WiFi network precisely suited to the requirements of our residence and our residents.”

Enrique Romero Dengra
General Director, CMU Marqués de la Ensenada



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Gopal Sharma Group of Schools, India

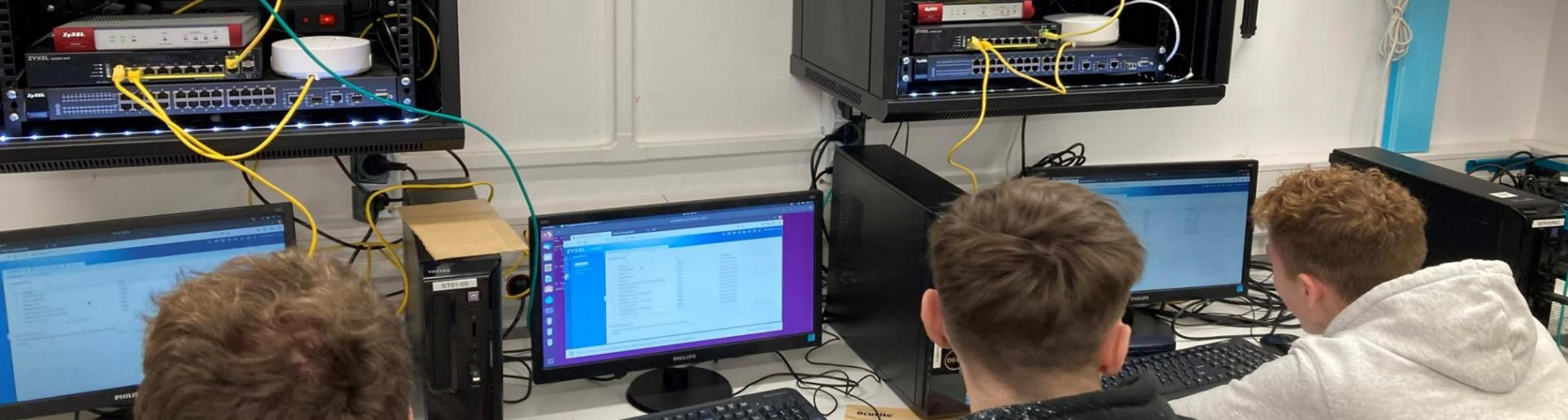
Enabling Better Digital Learning Experiences via Optimized WiFi



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“We are happy and satisfied with what Zyxel has offered with their solution. From reliable and fast wireless performance to securing our internal resources, Zyxel has done it all for us. Our students are getting a better digital learning experience and managing the wireless infrastructure saves a lot of time and hassle for our IT people.”

Niharika D'Silva
Chief Operating Officer, Gopal Sharma Group of Schools



**Heroes of Narvik Technical School,
Poland**

Nurturing Tomorrow's tech innovators



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“We needed a tried-and-true solution that could help our students succeed. With Nebula, we have managed not only to streamline the network infrastructure at our school and make it work faster but also to train students in network configuration and administration.”

Maciej Kołodziej
Teacher and Administrator, Heroes of Narvik Technical School



Inspiration Trust, United Kingdom

Less Waiting, More Learning at English Teaching Academies

“We now have the ability to sit in our central office to manage the schools’ network. This was really beneficial, especially when COVID hit. We were keeping the team and people in the school safe.”

Darren Harris
Head of IT, Inspiration Trust



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Libeň Castle Grammar School, Czech

Securing the Future of a Century-old Czech Grammar School



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“We’re already heavily using the new network to provide distance learning and are looking forward to them helping us ease the transition of students back to the classroom. We’re already looking forward to expanding functions of the multimedia center. Teachers and school staff also benefit from better access to webinars and similar resources.”

RNDr. František Kosina
Director, Libeň Castle Grammar School



School Complex in Chocianow,
Poland

Helping Students Graduate Ready for the Workforce



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“Modernizing the school’s network infrastructure was an ambitious and complicated project, but we weren’t worried. Thanks to Zyxel’s products, meeting the network management expectations and satisfying students’ needs was easily achievable.”

Grzegorz Rękawiczny
CEO, System-3 Sp. z o.o.



Shane International Preschool, Taiwan

Enhancing Teaching Quality and Competitive Edge



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“With these high-performance switches from Zyxel, our network operation is totally smooth, and this is making for better learning quality. Also highly worth mentioning is that our new system is extremely easy for our staff to manage, even those with relatively little IT expertise.”

Chris Kao
Assistant Manager, Management Department
Shane International Preschool



Spastic Children's Foundation, Turkey

Giving New Hope to Kids with Cerebral Palsy



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“The key reason we prefer Zyxel is that the management interface of its Nebula platform and products is completely cloud-based. This saves our time that can be used for other tasks. Thanks to the renewed infrastructure, our users are highly satisfied with the high-speed connectivity.”

Ozgur SARAC
Director, Information Technologies
Spastic Children's Foundation of Turkey



Agora, The Netherlands

Enabling Tech-Infused Learning Across 30 Dutch Schools

Zyxel's Nebula solution centralizes the wireless network across 30 Agora schools, providing consistent user experience for 700 staff and 7,000 students. Group configuration enables simultaneous WiFi password changes on all access points. The firewall enforces new security policies on every AP while containing threats at the network's edge.



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**Alemannenschule Wutöschingen,
Germany**

Connecting a School Where Every Pupil Has a Tablet



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The Alemannenschule Wutöschingen faced a surge in data consumption due to the 1:1 student-to-iPad ratio. This led to network strain, with up to 500 simultaneous users and data-intensive applications. With Zyxel's solution in place, teachers can use digital whiteboards without interruption, and students can stream learning materials without buffering.



**College of Horticulture and Forestry,
India**

Planting Seeds of Success for Students' Careers



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Zyxel's solution was implemented by the College of Horticulture and Forestry to enhance WiFi performance and security, ensuring a top-notch educational experience. The network is now equipped for in-classroom and distance learning, with sufficient bandwidth for staff and students. Additionally, the college can efficiently and easily manage the network from one centralized location.



Guglielmo Marconi Institute, Italy

Enabling Higher Network Coverage and Security



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Secure wireless access and good wireless coverage in high-density areas are crucial for the Guglielmo Marconi Institute. Besides installing WiFi 6 APs for excellent user experience, it separates internal and external wireless networks for various purposes such as education, administration, and guests. Zyxel's Nebula Control Center provides network traffic monitoring, device access control, cloud-based analytics, and security insights for staff.



RMUTT, Thailand

Enriching Learning Experience for Leaders of tomorrow



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Rajamangala University's Faculty of Business Administration lacked reliable dorm WiFi. Zyxel's access points were installed in the dorms and business school, providing Gigabit wireless connectivity to hundreds of users. The new network enables seamless WiFi coverage for dorm residents and enhances the learning experience with digital resources for business teachers and students.



Taita Foundation, Hungary/Kenya

Helping Kenyan Orphanage Get Connected



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There are no landlines for internet access and on-site technicians in the orphanage. Simple and reliable connectivity is key. Zyxel's 4G LTE router enables donated mobile devices to connect to the internet, improving connectivity to enable online learning, communication with supporters, and telemedicine services.



University of Buenos Aires, Argentina

Improving Network Speed and Security at an Affordable Price



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Using the slow internet for the staff at the University of Buenos Aires' Faculty of Dentistry used to be like pulling teeth. With the old network, installing and configuring APs was time-consuming and difficult for IT staff. Zyxel Nebula solution simplifies network deployment and management. Besides, the new network supports multiple WiFi SSIDs, allowing students, teachers, and patients to enjoy better security when using the building's WiFi services.

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