



Success Story

Shane International Preschool Ups its Teaching Quality and Competitive Edge with Zyxel Switching Solution



Education

INDUSTRY



CUSTOMER

Shane
International
Preschool



COUNTRY

Taiwan



SOLUCIÓN

Zyxel
Switching
Solution

Challenges

- Build a high-performance network to support high-quality classroom and office experiences at new campus
- Devise infrastructure that is easy to install and has capacity for stable operation across entire 1,000-square-meter site
- Ensure sufficient equipment supply to guarantee the project can be completed on time

Results

- Zyxel's diligent planning and prompt service makes for smooth, fast installation – invaluable amid COVID-19 restrictions
- High-performance network service delivers stable operation of computers, IP phones, and CCTV system
- Infrastructure provides simple, efficient, and convenient network management

Solution

- Zyxel Switching Solution

"As our new flagship location, we paid extra close attention to the network connectivity of the new campus. With these high-performance switches from Zyxel Networks, 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
Management Department Assistant Manager
Shane International Preschool

Background

Founded in Japan in 1976 and now with over 400 branches worldwide, Shane English School is a leading provider of language education. By eagerly adopting innovative teaching concepts, the institute has become one of Asia's and the globe's most prestigious English school brands, with locations in the UK, Japan, Taiwan, China, Indonesia, Thailand, South Korea, and Vietnam. It has even been awarded a royal Coat of Arms by the British College of Arms in honor of its outstanding contribution to global English education.

In 2020, the school established Shane International Preschool

Challenges

To ensure capacity for top teaching quality, next-generation smart classrooms were essential for the school, which seeks to introduce new technologies and innovative applications to enhance the learning experience and maintain the brand's competitiveness and market leadership. To these same ends, the technology needed to be futureproof and reliable enough to support new applications as they emerge. In addition, a safe campus environment was also a key requirement for the project, most notably in the form of a 24-hour video surveillance system to ensure the safety of students and staff across the school.

Solutions and Benefits

Before the installation, the project engineer conducted a survey of the existing network infrastructure at the site to ensure time-effective planning and installation. Considering the timing – coming during the early months of the COVID-19 pandemic – the swiftness of the deployment was greatly valued by the school.

Indeed, the onsite installation took only one day, with an additional three days of online technical support to complete the deployment. "The project ran smoothly right from the planning through the construction and installation," said Chris Kao, Assistant Manager of the school's Management Department. "It took only a short time to complete the construction, allowing us to complete the setup of the project well within schedule."

Both **Zyxel XGS1930-28 24-port GbE Smart Managed Switch with 4 SFP+ Uplink** and **GS1920-8HPv2/24HPv2 8/24-port GbE Smart Managed PoE Switches** were used to help the school successfully complete network aggregation. The school can thus set up and manage connected devices easily and quickly. In addition, the switches have been used to designate individual virtual local area networks (VLAN) for the school's computer rooms, classrooms, and low-voltage facilities. The bandwidth can be configured and throttled according to different needs at different times. The network infrastructure was to be deployed in a control center, with equipment located in classrooms, too, connecting every computer, VoIP phone, and security monitoring system on campus.

as its new flagship kindergarten and headquarters. Located in northern Taiwan's New Taipei City, the campus houses classrooms, a library, an indoor gymnasium, and an outdoor playground, giving its students a happy environment in which to learn English, develop arts skills, and build healthy reading and exercise habits.

The result is a language school unlike the others – one where students are comfortable learning, experimenting and exploring for the betterment of their education, thus helping them grow into well-rounded citizens of the future.

Considering the size of the campus, which covers over 1,000 square meters, ensuring a smooth learning environment meant a network with high data rates and stability would be crucial. Also at the top of the client's requirements was that infrastructure be easy to install, manage, and use.

After careful evaluation and screening of vendors, the school chose to adopt Zyxel Networks' switching solution, won over by its track record of high product quality and helpful customer service.

The result, according to Kao, has been a secure network that has delivered consistently stable connections and high speeds. Teachers now integrate high-quality multimedia content into their classes without issue, audio and video calls inside the school and out are crystal clear and dropout-free, and the CCTV security camera system keeps every pupil counted for and safe.

"We initially chose Zyxel Networks because of their product range and our need for stable connections," Kao said. "After that, when we saw the smooth installation process and experienced their customer service, we were even surer that we'd made the right choice."

Following the success of the project, the school's management plans to partner with Zyxel Networks in the future to increase its wireless network coverage via access points. In addition, the school has also expressed interest in working with Zyxel Networks to deploy its Nebula cloud networking solution. By providing a unified interface and central management platform, Nebula enables network administrators to greatly improve network management efficiency and reduce equipment deployment time.

"When we're expand our network in the future, Zyxel Networks' products will be our top choice because the products are value for money both in terms of performance and reliability," Kao added.

Products Used

XGS1930-28 • 24-port GbE Smart Managed Switch with 4 SFP+ Uplink



- Handles the increasing high-bandwidth applications in your office affordably with four built-in 10G SFP+ uplinks
- NebulaFlex™ gives you the flexibility to switch between stand alone and our license-free Nebula cloud management
- Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anytime
- Easy management and setup with web-based interface and intuitive wizard
- Smart fan design offers silent operations in both desktop or rack-mount environment

GS1920-8HPv2/24HPv2 • 8/24-port GbE Smart Managed PoE Switch



- NebulaFlex™ gives you the flexibility to switch between stand alone and our license-free Nebula cloud management
- Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anytime
- Using user-friendly web-based GUI to manage and set up the switch without learning complex CLI
- High PoE power budget 180W (8HPv2) and 375W (24HPv2)
- Smart fan and fanless designs offer silent operations in your office
- Check real-time status intuitively by cloud and PoE LED indicators

About Zyxel Networks

Focused on innovation and customer-centricity, Zyxel has been connecting people to the Internet for over 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for business and home users. We're building the networks of tomorrow, unlocking potential, and meeting the needs of the modern workplace — powering people at work, life, and play. Zyxel, Your Networking Ally.

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