ZYXEL NETWORKS



eBook 2026 2H

Success Stories

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Set up fast.
Perform faster.

Deliver fast, stable WiFi wherever people learn, work, and stay.

- WiFi 7 capacity for dense spaces, from lecture halls, high-density meeting rooms to hotel lobbies
- Seamless roaming under one SSID as users move between rooms and floors
- Indoor, outdoor, and wall-plate models for every space, from classrooms to guest rooms

Discover Smart Wireless >>





Connect everything. Manage anywhere.

Keep critical applications running smoothly with high-speed switching for demanding environments.

- 10GbE and Multi-Gig connectivity for bandwidth-intensive applications
- High-capacity PoE to power APs, cameras, and connected devices across large sites
- Traffic prioritization and network redundancy for smooth operations and minimal downtime

Empower Your Backbone >>

Block threats.
Protect more.

Protect critical data and vital business systems without slowing down daily operations.

- Advanced threat protection against malware, ransomware, and cyberattacks
- Secure network access and segmentation for sensitive data
- Site-to-site VPN and centralized security management for businesses operating across multiple locations

Secure Your Network >>





Go beyond wires.
Stay connected.

Bring 5G anywhere to keep your business connected, and place it where the signal is strongest.

- Reliable connectivity, rain or shine
- Flexible desktop, pole, window, or wall mounting
- Instant 5G broadband for primary or backup connectivity
- Easy setup and cloud management with Nebula

Unlock 5G Connectivity >>

Manage More Networks with Less Work

- Unified, centralized control and visibility
- No software/hardware controller required
- Support for wireless, wired, security, and mobile networks
- Zero-touch provisioning for plug-and-play deployment
- Free cloud management with optional Plus or Pro Pack upgrades



See How Nebula Works >>

Supporting 140+ network devices

Deliver a More Complete Managed Service Lifecycle

Managing growing customer networks without hassle? Discover what Nebula can do for MSPs.

- Secure network access with existing cloud identities
- Enhanced site-wide topology with VLAN filtering and troubleshooting tools
- Centralized MSP event monitoring for faster troubleshooting
- Streamlined device replacement to minimize downtime and manual reconfiguration

Watch the Overview | Explore MSP Solutions >>



HOSPITALITY

Elevating Every Guest Journey

From newly opened five-star resorts to hotel chains and 24/7 travel services, see how reliable connectivity and simplified network management keep guests connected and daily operations running smoothly.





Industry
Hospitality

Location
Antalya, Turkiye

Products
- Access Point
- Switch

“We wanted to leave device selection and installation to a trustworthy team while focusing on our guests. We chose Zyxel Networks for its track record in hospitality, stability under heavy use, and price-to-performance balance.”

Mehmet Yavuz, IT Manager
Seaden De Mar Resort & Spa

Launching a Reliable Network for a Newly Opened Five-Star Resort

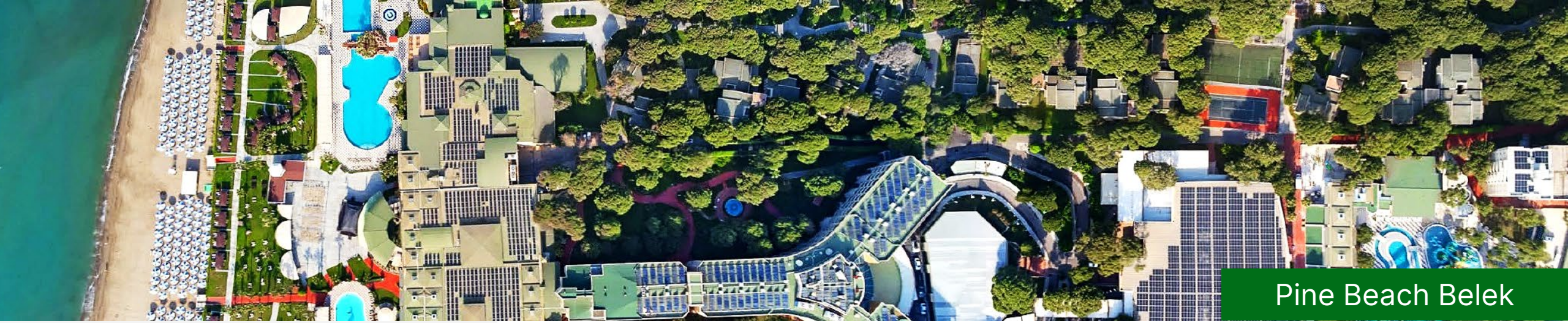
Challenges

As a newly built five-star resort, Seaden De Mar faced heavy guest traffic from day one, and guests expected to stay connected as they moved around the property. Network planning had to accommodate the hotel's architecture, while minor infrastructure and cabling issues emerged during construction. Resolving them without delaying the resort's opening was critical.

Results

- ✓ Stable resort-wide network with no reported equipment issues since launch
- ✓ Seamless roaming as guests move across the property
- ✓ On-schedule deployment completed during active construction
- ✓ Simplified device tracking and daily operations through cloud management

Download PDF



Simplifying Network Management for a Five-Star Beachfront Resort

Industry
Hospitality

Location
Antalya, Turkiye

Products
- Access Point
- Switch

“Devices from different brands had made our network hard to manage. Since switching to Zyxel Networks, we can manage the network across rooms and common areas from one central point. We've also left connection drops and congestion behind.”

Tansu Duran, IT Manager
Pine Beach Belek

Challenges

Over the years, Pine Beach Belek's network had accumulated equipment from a mix of brands, and aging hardware made the system as a whole difficult to track and manage. As internet usage surged during peak season, maintaining stable connections across guest rooms and common areas became challenging. Worn cabling and outdated wiring also had to be repaired before any upgrade could begin, all within the resort's investment budget.

Results

- ✓ Stable guest WiFi without drops or congestion, even in peak season
- ✓ Single-dashboard control of switches and access points through Nebula
- ✓ Easier device tracking without separate tools for each brand
- ✓ Phased upgrade matched to the resort's operational needs and budget

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Private Best Travel

Industry
Travel Services

Location
Athens and Mykonos, Greece

Products
- Access Point
- Switch
- Firewall
- Mobile Broadband

“The new Zyxel network has transformed the way our teams work across Athens and Mykonos. We have reliable access to our central systems, faster communication between locations, and the flexibility to support night shifts remotely.”

Elena Dalitsika, CEO
Private Best Travel

Keeping 24/7 Premium Travel Services Connected Across Sites

Challenges

Private Best Travel's headquarters and its operations office at the Four Seasons Hotel had no secure connection, so staff struggled to reach central servers and shared resources. Delays and interruptions disrupted the fleet and route management apps that dispatchers and drivers rely on. Without secure remote access, employees covering evening and night shifts also had to be on-site.

Results

- ✓ Three locations securely linked with shared access to central systems and a unified VoIP PBX
- ✓ Secure work-from-home access for evening and night shifts
- ✓ Fast, reliable WiFi for employees and drivers using mobile apps
- ✓ Simplified cloud monitoring and support

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Sayaji Hotels Ltd.

Industry
Hospitality

Location
Gujarat, Maharashtra, Rajasthan, and Madhya Pradesh, India

Products
- Access Point
- Switch

Delivering Consistent Connectivity Across 13 Hotel Properties

Challenges

As Sayaji Hotels expanded to 13 properties across four Indian states, WiFi coverage became inconsistent, especially in busy lobbies, restaurants, and outdoor areas. Each property had different layouts and infrastructure, making it hard to keep network performance consistent. Managing thousands of devices across multiple properties made troubleshooting and monitoring complex and resource-intensive.

Results

- ✓ 1,900+ access points deployed across 13 hotel properties
- ✓ Reliable, high-density WiFi from guest rooms to poolside areas
- ✓ 100+ switches unified under one standardized network architecture
- ✓ Multi-site visibility and control through a single cloud platform

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EDUCATION

Connecting Every Classroom and Learner

From technical college campuses to high-density study academies, learn how schools build secure, high-performance networks that enable seamless digital learning experiences.





Bedford School Mohali

Industry
Education

Location
Mohali, India

Products
- Access Point
- Switch

“Managing a large campus network used to be complex. With the Nebula solution, we now have single-pane visibility across WiFi 7, WiFi 6 access points, and GS1920v2 series switches. This gives our small IT team enterprise-grade control without the headaches.”

Charanjeet Singh Mann, Director
Bedford School

Unifying Campus-Wide Connectivity for a Future-Ready School

Challenges

As the campus grew to include academic blocks, boarding facilities, hostels, staff accommodation, and playgrounds, the school needed dependable connectivity in every zone to support its smart-classroom model. For a small IT team, a fragmented setup would slow response times and make scaling harder. The school needed a platform to manage APs and switches and provide network visibility.

Results

- ✓ High-capacity WiFi coverage across major campus zones
- ✓ Smooth user experience for students, staff, and administrators
- ✓ Single-pane cloud visibility across all access points and switches
- ✓ Scalable infrastructure ready to grow with the campus

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Phra Nakhon Si Ayutthaya Technical College

Industry
Education

Location
Ayutthaya, Thailand

Products
- Switch
- Firewall
- Security Router

Powering Digital Learning Across a Thai Technical College Campus

Challenges

As teaching, learning, and administration moved online, the college's network could not keep pace. Buildings spread across campus needed faster links, while heavy simultaneous use from students, faculty, and connected devices strained capacity. With classes and internal systems relying on connectivity, the college needed a stable, secure infrastructure scalable for future educational technology.

Results

- ✓ High-performance network infrastructure built for long-term use across campus
- ✓ Reliable connections for students, faculty, and campus devices
- ✓ Network infrastructure prepared for future expansion and technology integration
- ✓ A smart-campus foundation for an advanced learning environment

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Self-Study Academy in Songpa

Industry
Education

Location
Seoul, South Korea

Products
- Access Point
- Switch
- Firewall

Building a Secure, High-Density WiFi 7 Learning Environment

Challenges

Students at the new academy spent long hours simultaneously streaming Full HD online lectures, straining wireless capacity across classrooms, study seats, and the lecture hall. Social media and messaging apps distracted students, while students and teachers shared one network despite needing different access. The academy also wanted to avoid complex and tedious on-site management.

Results

- ✓ High-capacity WiFi 7 coverage in high-density learning environments
- ✓ Distraction-free study by restricting access to non-educational platforms
- ✓ Separate student and teacher networks through VLAN-based segmentation
- ✓ Real-time visibility and remote configuration from a single dashboard

Download PDF



Si Wei Senior High School

Industry
Education

Location
Hualien, Taiwan

Products
- Access Point
- Switch
- Firewall

Empowering Digital Transformation for Better Learning

Challenges

The school's digital transformation was held back by limited bandwidth and aging access points that delivered poor coverage and performance, disrupting lessons across campus. Budget constraints made it hard to find high-performing yet cost-effective equipment. Without dedicated IT staff, the school also needed a network that was easy to manage and maintain.

Results

- ✓ Robust and stable network infrastructure for seamless digital transformation
- ✓ Reliable WiFi connectivity and coverage for uninterrupted learning
- ✓ A cost-effective solution delivering consistent performance within budget
- ✓ Simplified network setup and fewer support calls through Nebula cloud management

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HEALTHCARE

Enabling Smarter Patient Care

Explore how healthcare facilities use resilient, well-protected networks to support critical systems, streamline medical workflows, and improve care experiences for patients and staff.





Industry
Healthcare

Location
Basel, Switzerland

Products
- Access Point
- Switch
- Firewall

Ensuring Stable, Fail-Safe WiFi for a Swiss Healthcare Center

Challenges

Building WiFi in a seven-story care facility for people with visual impairments came with strict demands. The network had to deliver high performance and keep critical systems, such as the nurse call system, running during power outages, while nursing staff needed to communicate and document care anywhere in the building. Construction delays and early core switch stack issues further complicated the rollout.

Results

- ✓ Reliable WiFi coverage across all seven floors with high-performance access points
- ✓ Critical systems kept operational during power outages
- ✓ Unrestricted mobility for staff documentation and communication
- ✓ Project completed on schedule despite construction delays

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Maxwell Hospital

Industry
Healthcare

Location
Siliguri, India

Products
- Access Point
- Switch
- Firewall

Designing a Reliable Hospital Network from Core to Corridor

Challenges

As a ground-up build with no legacy network, Maxwell Hospital had to get every requirement right the first time, since downtime was unacceptable once clinical operations began. Coverage had to reach every corridor and patient room across multiple floors, with distributed switching for PoE APs, IP cameras, and nurse-call systems. The hospital also required fully on-premises management.

Results

- ✓ WiFi 6 coverage across corridors, nursing stations, and patient rooms
- ✓ Complete on-premises control of wired and wireless policies via one firewall
- ✓ 10G fiber core with headroom for imaging, video, and future telemedicine
- ✓ Building-wide PoE+ switching ready for more access points and IP devices

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Cheongju Orthopedic Hospital

Industry
Healthcare

Location
Cheongju, South Korea

Products
- Access Point
- Switch
- Firewall

Supporting Better Care with Reliable, Secure Hospital Connectivity

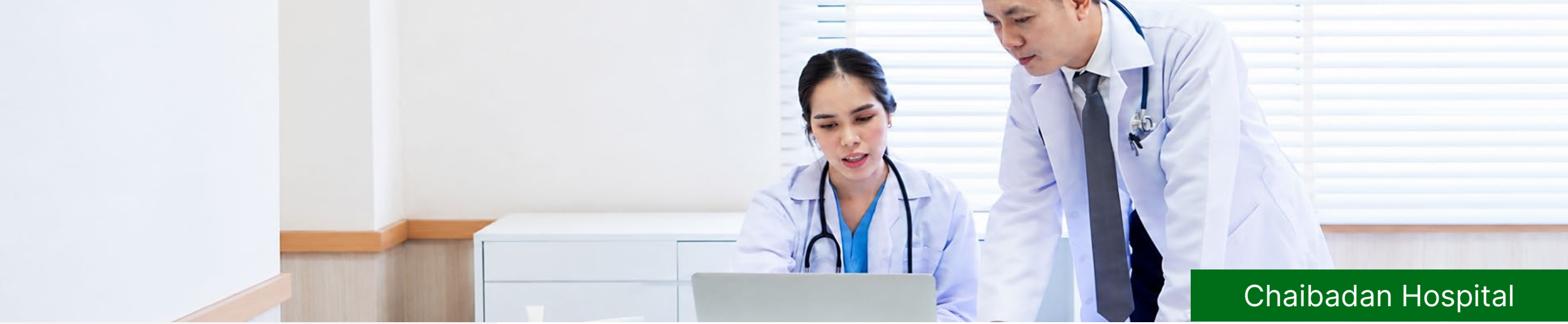
Challenges

Spanning multiple specialty centers, the hospital needed a stable, efficient network across every department. Its phone system demanded clear, reliable interdepartmental calls. The lobby, registration, and payment areas had to handle dense wireless use without slowdowns or dropped connections, while medical staff accessing electronic health records required seamless roaming between departments.

Results

- ✓ Uninterrupted WiFi in busy lobby and registration areas
- ✓ Seamless roaming for medical staff moving between departments
- ✓ Robust security protecting patient information
- ✓ Real-time monitoring and rapid issue resolution through cloud management

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Industry
Healthcare

Location
Lopburi, Thailand

Products
- Switch

Futureproofing a Thai Hospital's Network for Smarter Healthcare

Challenges

At Chaibadan Hospital, medical operations and internal management systems relied on a reliable, high-performance network. Fast data transfer between departments was essential, and the infrastructure had to support critical workflows and healthcare services without slowdowns. Security was also important: the hospital had to protect sensitive data and ensure only authorized users could access its systems.

Results

- ✓ High-performance network supporting daily hospital operations
- ✓ Stronger protection for IT systems and sensitive data
- ✓ Improved communication and data transfer across departments
- ✓ Readiness for essential medical systems and digital patient care services

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INDUSTRIES WE ALSO SERVE

Driving Success Across Diverse Industries

Explore how Zyxel Networks powers secure and scalable connectivity for **aviation**, **retail**, **finance**, **construction**, **entertainment**, and other sectors.





Creating a Secure, Flexible Workplace for an Italian Engineering Firm

Industry
Engineering & Construction

Location
Milan, Italy

Products
- Access Point
- Switch
- Firewall

"We turned our office move into an opportunity for innovation. Thanks to Zyxel Networks' solutions, we now have a secure, fast, and flexible network that aligns with our project design needs perfectly."

Raffaele Quaranta, Co-Owner
B.Cube

Challenges

Moving into a new Milan headquarters meant connecting four separate building units that lacked electrical and network connections. B.Cube needed fast, stable wireless for CAD software and cloud services, but wanted to avoid invasive structural work and extensive cabling. The move also had to proceed without disrupting daily operations while leaving room for future office reorganization.

Results

- ✓ Average data speeds up 20%, with peaks up to five times faster
- ✓ Latency-free CAD and cloud performance for daily design work
- ✓ Unified office across four units, achieved without invasive construction
- ✓ Stronger security without slowing browsing or cloud access

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Industry
Managed Service Provider

Location
Rapperswil, Switzerland

Products
- Nebula MSP Pack

“Nebula not only provides us with network information, but is the foundation of our entire MSP billing. This allows us to earn money in a predictable, fair and efficient way – for ourselves and for our customers.”

Jürg Stocker, Managing Director
E-Quadrat GmbH

Automating MSP Operations Through Nebula API Integration

Challenges

After shifting from one-time hardware sales to a monthly managed service model billed per active device, E-Quadrat needed an accurate, up-to-date view of every device, customer assignment, and license. Tracking it all in manual Excel spreadsheets was time-consuming, error-prone, and difficult to scale, leaving no reliable foundation for automated billing, reporting, and license management.

Results

- ✓ Transparent monthly billing with customer and device auto-mapping
- ✓ Automatic ERP integration through the open Nebula REST API
- ✓ Reduced manual administration by eliminating repetitive data maintenance
- ✓ Error-free reports for a more professional customer experience

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Industry
Esports & Gaming

Location
Madison, Wisconsin, USA

Products
- Access Point
- Switch
- Firewall

“The transformation was night and day. Now, we can boot the entire room of 30+ PCs simultaneously, and active players don't feel a single lag spike. It's exactly the rock-solid, zero-latency environment we envisioned.”

Michael Horst, Owner and Tournament Organizer
Isthmian Gaming

Eliminating the “Diskless Paradox” in a Zero-Latency Esports Venue

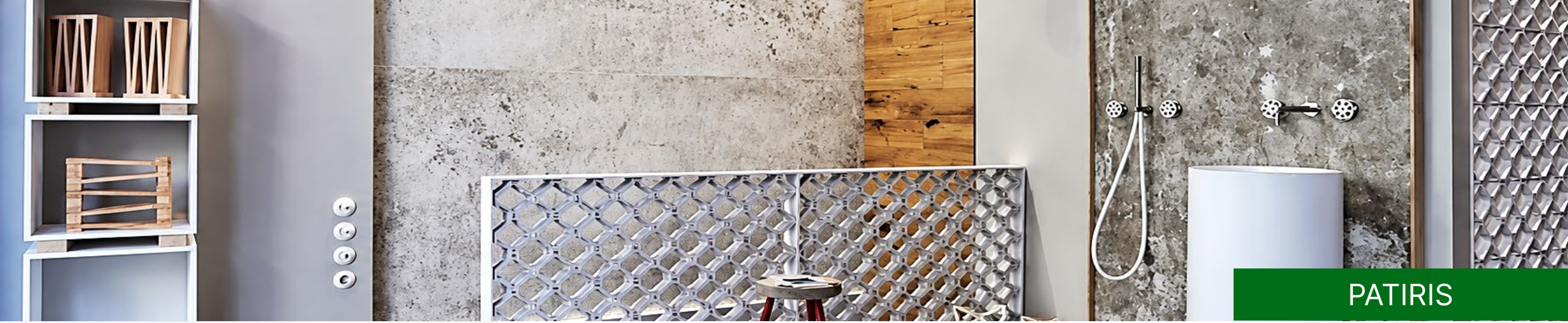
Challenges

Despite a pristine fiber connection, players at Isthmian Gaming experienced micro-stutters and lag spikes in competitive titles. All 30 esports PCs boot from a central server, sending bursts of system data at close to 10Gbps that saturated switch ports and caused packet loss. A daisy-chain topology made it worse, funneling multiple switches through a single uplink.

Results

- ✓ Micro-stutters and packet loss eliminated, with stable ping times across all stations
- ✓ 30 PCs can boot simultaneously with no gameplay impact
- ✓ 10GbE core architecture with scalable bandwidth
- ✓ 4K broadcast production and NDI streaming support

Download PDF



Industry
Retail

Location
Athens, Greece

Products
- Access Point
- Switch
- Firewall

“We now have a modern, structured network environment that allows us to quickly identify and monitor potential issues through Nebula. In addition, the firewall security policies give us better control and visibility over employees' internet access and usage.”

Antonis Galeos, General Manager
PATIRIS

Modernizing Multi-Branch Networks for a Leading Greek Retailer

Challenges

Frequent network disconnections at PATIRIS made applications slow or unresponsive, affecting productivity across its three branches. The existing infrastructure also lacked proper security and segmentation, with departments, devices, and services all sharing the same network. This made it difficult to control access or maintain performance across all its branches.

Results

- ✓ Two-day rollout with immediate gains in network speed and quality
- ✓ Secure separation of departments, devices, and services through VLANs
- ✓ Stronger access control and oversight of internet usage
- ✓ Faster issue identification and remote management across all three branches

Download PDF



Ruth Society for Disability Services

Industry
Non-profit Organization

Location
Taoyuan, Taiwan

Products
- Access Point
- Switch
- Firewall

“Thanks to the support from Zyxel Networks, we have completed a full campus network rewiring and equipment upgrade. This has dramatically improved our overall connection speed and stability, enhancing the quality of our daily teaching and administrative work.”

Chia-Huai Chiu, Executive Director
Ruth Society for Disability Services

Advancing Digital Equity with a Smarter Network Upgrade

Challenges

For years, unstable internet speeds and chaotic, aging cabling disrupted daily operations at the Ruth Society for Disability Services, hindering stable communication. These issues also held back the adoption of smart technology and assistive devices, preventing the monitoring and analysis that those tools depend on to support people with intellectual and physical disabilities.

Results

- ✓ Long-standing disconnections and delays eliminated through a full rewiring
- ✓ Significantly faster connectivity and a smoother user experience
- ✓ Smooth integration and monitoring of smart assistive technologies
- ✓ Wider digital access for people with disabilities, advancing digital equity

Download PDF



VietJet Thailand

Industry
Aviation

Location
Bangkok, Thailand

Products
- Access Point
- Switch
- Firewall

Taking VietJet Thailand to New Heights with a Scalable Network

Challenges

VietJet Thailand needed a reliable network infrastructure for its new office to support a large number of employees and connected devices. The key priorities were stable connectivity and consistent coverage across all operational areas, along with simple administration and the flexibility to accommodate future business growth.

Results

- ✓ Comprehensive wired and wireless network across the entire office
- ✓ Reliable WiFi connectivity for a high volume of staff and devices
- ✓ Simplified network management for easier ongoing operations
- ✓ Easy-to-manage, scalable network ready for future enterprise growth

Download PDF



Industry
Religious Organization

Location
Goyang, South Korea

Products
- Access Point
- Switch
- Firewall

Elevating the Church Experience with a Smarter Cloud Network

Challenges

The church's five-story building, with a 300-person sanctuary, prayer rooms, classrooms, a café, and offices, had varied networking needs from space to space. Large gatherings brought many devices online at once, while photo and video sharing and live streaming generated heavy traffic. Without an in-house IT team, managing the network and getting fast support was also a challenge.

Results

- ✓ Stable, high-speed network supporting live broadcasts, seminars, and online services
- ✓ Seamless roaming under a single WiFi SSID throughout the building
- ✓ Fast media file transfer over a 10Gbps backbone
- ✓ Remote monitoring and quick issue resolution through cloud management

Download PDF



Leading Credit Card Company

Industry
Finance

Location
Seoul, South Korea

Products
- Access Point
- Switch
- Firewall

Securing Financial Operations with a Zero Trust Cloud Network

Challenges

The company's aging network could not meet modern security requirements, and its existing cybersecurity solution lacked application-level access control. Besides, financial regulations required IEEE 802.1X authentication and at least one year of log retention. Yet relying on a physical authentication server meant high upfront costs, ongoing maintenance, and limited scalability as user demand grew.

Results

- ✓ Fast, stable connectivity for 2,500 employees across a 25-story building
- ✓ Enhanced network security and productivity by blocking cyber threats and non-work applications
- ✓ Lower costs and greater scalability through cloud-based authentication
- ✓ Real-time monitoring and rapid issue resolution via cloud management

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Explore More Success Stories

Click or **scan** the QR code to see how businesses worldwide succeed with **Zyxel Networks**



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NETWORKS