

# Success Stories

eBook 2025 1H

Unlock Your Business Potential with  
Powerful, Effortless, Scalable Connectivity



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# Access Points That Fit Every Need

Minimizing interference and ensuring optimal WiFi connectivity and coverage across diverse scenarios and mounting options.



**Lightning-fast  
WiFi speeds**



**Multiple antenna  
options for optimal  
performance**



**RF first design  
prevents  
interference**





## Protect Networks, Secure Every Site

Secure your network with advanced firewall protection and VPN support, blocking threats, protecting data, and safeguarding cross-site communications.



Ransomware  
defense



Data encryption  
during transit



Easy VPN setup  
in minutes

# All Your Switch Needs in One Place



Comprehensive  
options



High  
capacity PoE



Advanced  
networking features



Cloud/Standalone  
management



Power multiple  
access points easily

Physical stacking  
simplifies management  
and ensures redundancy  
for continuous service



Comprehensive switches  
are built for diverse  
applications and scalability





## Nebula Made Network Management Simple

- Real-time monitoring and notifications via email or the mobile app for critical events
- Streamlined and effortless experiences for network installation and management



# EDUCATION

## Empowering smart campuses

Learn how Zyxel Networks has empowered schools with secure, high-speed, and scalable networks that foster innovation and digital learning.



Deutsche Schule Bratislava



## Industry

Education



## Location

Bratislava, Slovakia



## Products

- Access Point
- Switch
- Firewall

“Zyxel Networks' solutions have impressed us with their reliability, performance, and straightforward centralized management, affirming that we made the right choice.”

Andrej Dobrovodský, IT Assistant  
Deutsche Schule Bratislava

# Modernizing Network Infrastructure to Boost Learning Experiences

## Challenges

The new Deutsche Schule Bratislava building is large and segmented, with numerous classrooms, offices, study rooms, and computer labs. The school faced challenges in building a 10GbE network, ensuring PoE for access points, and maintaining centralized wireless control.

## Results

- ✓ Reliable network access for students, staff, and visitors in all areas
- ✓ Smooth multimedia learning and real-time collaboration
- ✓ Easy local monitoring and oversight of the entire network
- ✓ High scalability to support future growth and increased device usage

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## Industry

Education



## Location

Minas Gerais, Brazil



## Products

- Access Point

“Our experience with Zyxel Networks’ solutions has been very positive, primarily due to the signal stability, even with a high number of users connected to the access points, along with the cost-effectiveness of the equipment, which delivers excellent quality.”

Luiz Gustavo Torquato Villela, IT Coordinator  
ETE FMC

# Addressing High-Density WiFi Needs and Enhancing Digital Learning

## Challenges

Before adopting Zyxel Networks’ solutions, the school faced unreliable wireless coverage across its 20-hectare campus and 30,000 square meters of buildings. Supporting 700 students in three shifts, the network struggled with high device density, unstable signals, and limited coverage, disrupting learning and daily operations.

## Results

- ✓ Enhanced WiFi coverage and network stability across the campus
- ✓ Reliable connectivity in high-density areas and seamless outdoor coverage for external buildings
- ✓ Resolved performance drops during peak usage, providing faster and more stable WiFi for students and staff

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## National Taiwan Normal University



### Industry

Education



### Location

Taipei, Taiwan



### Products

- Access Point
- Switch
- Firewall

## Creating Smart Campus to Optimize Learning and Administration

### Challenges

Complex campus buildings caused poor signal coverage, requiring careful network planning to ensure reliable connectivity. High simultaneous usage during class hours led to congestion and slow speeds, making effective bandwidth management essential. A backup design was also needed to prevent disruptions to online learning.

### Results

- ✓ Enhanced network performance and security for admin and educational needs
- ✓ Robust campus-wide connectivity to handle high demand with efficient bandwidth management
- ✓ Reliable network with backup to prevent downtime and ensure continuity



**Industry**  
Education



**Location**  
Nepal



**Products**

- Access Point
- Switch
- Firewall

## Transforming Campus into a Technology-Driven Hub for Education

### Challenges

The institution faced major challenges integrating varied network components across classrooms, hostels, and server rooms. Key needs included strong cybersecurity, seamless campus-wide wireless access, and high-speed internet. A robust, scalable solution was essential to meet current demands and support future demands.

### Results

- ✓ Seamless and robust network infrastructure across the entire campus
- ✓ Security protection against potential cyberattacks and viruses
- ✓ Enhanced education quality and operational efficiency through streamlined network management



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# HOSPITALITY

## Enabling Memorable Hospitality

Hotels and restaurants worldwide trust Zyxel Networks for reliable WiFi and secure, scalable networks, ensuring smooth operations and great guest experiences.



## Jumbo Group of Restaurants



### Industry

Hospitality



### Location

Singapore



### Products

- Access Point
- Switch

"With Zyxel Networks' Nebula solution, network switches, and APs, we can manage equipment across Singapore remotely from the comfort of our desks. Now we log in to our Nebula account and can configure any device in our organization easily."

**Nelson Tay, Assistant IT Manager**  
Jumbo Group of Restaurants

## Streamlining Network Management with Restaurant-Friendly Solution

### Challenges

Managing networks across countries was challenging for Jumbo, with on-site management and compatibility issues from diverse brands complicating IT tasks. They needed a user-friendly interface and a scalable network to simplify management and support future growth.

### Results

- ✓ Consistent network reliability ensures uninterrupted network access and smooth business operations
- ✓ Smart and streamlined cloud networking minimizes equipment maintenance and on-site tasks
- ✓ Scalable and automated network management is ideal for multi-site branches

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## Panorama Resort & Spa



### Industry

Hospitality



### Location

Feusisberg, Switzerland



### Products

- Access Point
- Switch
- Firewall

## Ensuring Better Hotel WiFi and Effortless Network Management

### Challenges

Ensuring the WiFi network at Panorama Resort & Spa was modern and leveraged the latest technology to deliver reliable, high-speed connectivity for current user demands was essential. Implementation posed a major challenge, as the old network had to remain operational during the seamless deployment of the new WiFi 6 system.

### Results

- ✓ Reliable WiFi with fast and stable connectivity across all resort areas
- ✓ Simplified and efficient network management for the IT staff via the cloud network management
- ✓ Improved network security with comprehensive threat protection



Acqua Inn



## Industry

Hospitality



## Location

Maceió, Brazil



## Products

- Access Point

# Taking Hotel Guest Experiences to the Next Level with Top-Notch WiFi

## Challenges

Acqua Inn needed a reliable, high-performance WiFi solution to support heavy guest traffic and constant interference. As a busy tourist destination, the hotel required fast and secure connectivity, scalable infrastructure, and improved network security while maintaining a seamless and enjoyable guest experience.

## Results

- ✓ Stable, high-speed WiFi with seamless coverage and faster speeds
- ✓ Enhanced security and scalability with WPA3 encryption, RADIUS authentication, and support for up to 1,024 connections
- ✓ Centralized control and real-time monitoring with Nebula



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## Dockyard Brewing Co. Restaurant



### Industry

Hospitality



### Location

Kolkata, India



### Products

- Access Point
- Switch
- Firewall

## Creating Digital-First Dining Experiences for India's Restaurant

### Challenges

Dockyard Brewing Co. struggled with maintaining fast, reliable WiFi across two acres for guests, events, and corporate gatherings. Ensuring secure online reservations and cashless transactions was challenging. Network complexity overwhelmed the IT team, diverting focus from enhancing guest services.

### Results

- ✓ 5X more reliable connectivity, enhancing customers' dining and event experiences
- ✓ 75% reduction in IT troubleshooting time, streamlining network management, and improving operational efficiency
- ✓ Enhanced cybersecurity through firewall protection, safeguarding digital transactions, and guest data



## Gimhae Hotel & Resort



**Industry**  
Hospitality



**Location**  
Gimhae, Korea



**Products**

- Access Point
- Switch
- Firewall

## Keeping Guests Connected and Secure with Cloud Management

### Challenges

The hotel in Gimhae needed seamless WiFi for guests, covering areas from the basement to the second floor. The separate wired network for kiosks, golf machines, and POS systems was vital to prevent interference. Past incorrect cable connections caused outages, requiring a more reliable solution to prevent recurrence.

### Results

- ✓ Smooth connectivity across guest rooms, public spaces, and outdoor areas
- ✓ Seamless roaming with unified SSIDs for uninterrupted guest connections
- ✓ QoS bandwidth management ensures fair performance across user groups
- ✓ Cloud-based control simplifies network management with real-time insights






# SPORTS & ENTERTAINMENT

## Creating Unforgettable Moments

From sports events to live performances, Zyxel Networks delivers high-capacity, secure networks that support real-time operations and enrich fan experiences with uninterrupted access.



# Houston Livestock Show and Rodeo

-  **Industry**  
Entertainment
-  **Location**  
Houston, USA
-  **Products**
  - Access Point
  - Switch
  - Firewall

“Nebula really made the deployment, configuration, and administration easy. This was equipment that just started working immediately and hasn’t had any problems. It’s been plug and play and everybody’s really happy with it.”

Allen Rountree, Director of IT Infrastructure  
Houston Livestock Show and Rodeo™ (HLSR)

## Delivering Reliable Public WiFi in the Livestock Exhibition and Rodeo

### Challenges

The Champion Wine Garden at HLSR welcomes thousands of daily visitors during rodeo season with over 75 award-winning wines and live music. To meet growing demand, HLSR needed a reliable high-speed WiFi network to support guest connectivity and overcome cellular congestion.

### Results

- ✓ Quick delivery and deployment ensures the WiFi network is set up on time
- ✓ Simplified cloud-based deployment and management ensure a smooth process
- ✓ Fast, reliable WiFi enhances the overall guest experience

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## Stade de Genève Foundation



### Industry

Sports & Entertainment



### Location

Geneva, Switzerland



### Products

- Access Point
- Switch
- Firewall

“The new network is more reliable, secure, and equipped with backup measures to ensure continuity in case of device failure. Network issues could be detected and resolved much more efficiently.”

Xavier Ris, Technical Director  
Stade de Genève Foundation

## Enhancing Game-Day Experience with Reliable Connectivity

### Challenges

Stade de Genève, set to host UEFA Women's Euro 2025 matches, needed a network upgrade to handle 150,000 spectators and rising demands. They had to offer seamless ticketing, secure access, support for SKIDATA turnstiles, and enhanced VIP connectivity with reliable year-round performance.

### Results

- ✓ Reliable connectivity for smooth event operations
- ✓ Better spectator experience with secure, uninterrupted network access
- ✓ Scalable infrastructure ready for future tech upgrades

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## Mamamia Alternative Music Club



### Industry

Entertainment



### Location

Senigallia, Italy



### Products

- Access Point
- Switch
- Firewall
- Mobile Broadband

## Enhancing Music Experiences with Reliable, Secure Connectivity

### Challenges

Mamamia Alternative Music Club needed a stable, high-performance network for operations and guest connectivity across its 10,000 m<sup>2</sup> venue. Challenges included seamless WiFi for digital transactions, secure IP camera management, and a reliable backup solution to prevent disruptions from potential internet outages.

### Results

- ✓ Reliable WiFi and backup solutions ensure uninterrupted network services
- ✓ Advanced security measures and the optimized surveillance system provide a safer environment
- ✓ Efficient cloud-based network management reduces maintenance and operational costs



## Street Parade



### Industry

Events and Entertainment



### Location

Zurich, Switzerland



### Products

- Mobile Broadband

## Keeping Payments Running Smoothly at the Swiss Music Festival

### Challenges

Establishing a reliable network for the Street Parade, with around one million attendees, was challenging. Traditional wired networks were unfeasible due to limited setup time. A stable solution was required to support high user density, ensure smooth payments, and accommodate heavy social media usage.

### Results

- ✓ 110 NR5101 5G routers enables rapid, wireless setup within two hours
- ✓ Smooth cashless transactions despite extreme network congestion and high user density
- ✓ 151,843 payments processed during the event, averaging 203 transactions per minute, even under peak demand



## OTHER INDUSTRIES

### Powering Business with Smarter Networks

Zyxel Networks supports diverse sectors, including **manufacturing, healthcare, retail**, and beyond, with advanced networking solutions that streamline operations and drive business success.



## Industry

Waste management



## Location

Chotěboř, Czech Republic



## Products

- Access Point
- Switch
- Firewall

"Our old network couldn't meet our security and management needs, nor support secure connections and remote work. The new setup addresses these challenges while providing reliable performance."

Roman Filip, CEO  
Recycling – kovové odpady a.s.

# Boosting Operational Efficiency and Security for Recycling Firm

## Challenges

Recycling - kovové odpady a.s. needed to address an aging, inconsistent IT infrastructure, rising cyber threats, and a lack of unified device management. Secure inter-site communication and protected system access became critical as the company grew and operations became more complex.

## Results

- ✓ Seamless communication and efficient operations everywhere
- ✓ Centralized management via a user-friendly dashboard, reducing time and effort
- ✓ Reliable wireless coverage, even in outdoor areas



US Internet (USI)



### Industry

Service provider



### Location

Minneapolis, USA



### Products

- Access Point
- Switch

“Zyxel Networks has a variety of switch families that help us meet a variety of connectivity requirements. Zyxel Networks’ product portfolio provides us with different building blocks that allow us to build solutions when new opportunities arise.”

Travis Carter, CEO  
US Internet

## Empowering Minneapolis with Reliable Citywide Connectivity

### Challenges

Since 2008, USI has provided wireless internet across Minneapolis, the first major U.S. city with citywide WiFi. Now, the focus is on expanding fiber coverage throughout the city to support homes, public WiFi, utilities, and more. This mission demands a complex, extensive infrastructure and a network that's easy to manage.

### Results

- ✓ Modular design and diverse switch families for various connectivity needs
- ✓ Cat 6 cables deliver up to 10 Gbps speeds, with daisy-chained switches providing capacity for larger units
- ✓ WiFi access available throughout the city, just like at home
- ✓ Nebula enables centralized control and visibility over all devices



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## Clothing Logistics Warehouse



### Industry

Logistics



### Location

Yeoju, Korea



### Products

- Access Point
- Switch
- Firewall

## Premium WiFi Installation Ensures Uninterrupted Network

### Challenges

The Yeoju clothing logistics warehouse faced WiFi issues across its three floors due to the open-ceiling structure, causing dead zones, especially on the second and third floors. Employees moved between floors while using PDAs, needing stable connectivity. Multiple devices accessing the network added to the challenge

### Results

- ✓ Seamless WiFi across all floors, even when moving through the storage area
- ✓ Stable connectivity supports simultaneous device connections, including PDAs and robots
- ✓ Enhanced network security with advanced traffic management, malware prevention



Dairy Company



**Industry**  
Manufacturing



**Location**  
Seoul, Korea



**Products**

- Access Point
- Switch
- Firewall

## Upgrading Network to Drive Dairy Research Efficiency and Innovation

### Challenges

The dairy company struggled with network disruptions as staff moved between floors, requiring manual reconnections. Reliable WiFi was crucial for heavy data transfers, while robust security protected sensitive research data. Centralized management was needed to streamline operations across the headquarters and lab.

### Results

- ✓ Seamless connectivity across floors boosts staff productivity
- ✓ Advanced firewalls protect against cybersecurity threats and limit inappropriate usage
- ✓ Centralized network management streamlines operations
- ✓ Stable network allows researchers to focus on innovation

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## Huge Bamboo



**Industry**  
Manufacturing



**Location**  
Binh Phuoc, Vietnam



**Products**

- Access Point
- Switch

## Ensuring Efficient Network Management and Seamless Connectivity

### Challenges

Huge Bamboo faced challenges of maintaining stable connectivity across its expanding industrial site. Network disruptions threatened factory operations, while manual management was time-consuming. Ensuring seamless wireless coverage, maintaining network health, and adapting to growing connectivity needs without sacrificing performance were constant concerns.

### Results

- ✓ Centralized network management with full visibility
- ✓ Network redundancy and loop prevention ensure uninterrupted connectivity
- ✓ Factory-wide WiFi coverage ensures consistent, high-speed wireless access
- ✓ Reliable network infrastructure boosts operational efficiency and productivity

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## Garden of Hope Foundation



### Industry

Non-profit Organization



### Location

Taipei, Taiwan



### Products

- Firewall

## Empowering Secure Connectivity Across Service Sites in Taiwan

### Challenges

The Garden of Hope Foundation needed a network upgrade to enhance connectivity across sites, as its aging system caused unstable connections and slow data transfers. Strengthening cybersecurity was also crucial to protect sensitive data and maintain the safety of those it supports.

### Results

- ✓ Faster and more stable internet connections
- ✓ Strengthened protection against cyber threats
- ✓ Centralized and efficient network management
- ✓ Secure remote access for distributed operations



## Hospitals In West Bengal



**Industry**  
Healthcare



**Location**  
Kolkata, India



**Products**  
• Switch

## Enhancing Security & Surveillance Reliability in Government Hospitals

### Challenges

Hospitals required a robust network for high-definition surveillance across large premises, ensuring stable connectivity and low-latency video transmission. The project demanded careful planning, flawless execution, and completion within 1.5 months to address urgent security concerns.

### Results

- ✓ Scalable solutions enable seamless security network expansion
- ✓ New network infrastructure boosts real-time surveillance monitoring and threat response
- ✓ Reliable switch performance ensures connectivity, even in harsh conditions



## Korean Children's Hospital



**Industry**  
Healthcare



**Location**  
Dasan, Korea



**Products**

- Access Point
- Switch
- Firewall

## Enhancing Wireless Connectivity at a Korean Children's Hospital

### Challenges

The hospital needed strong network security to protect patient data and prevent external threats. Maintaining uninterrupted WiFi was critical, especially with patients, staff, and visitors constantly moving. High user density, including families streaming kids' content, required a network that ensured smooth, reliable connectivity.

### Results

- ✓ Seamless wireless environment and optimal WiFi speeds for users
- ✓ Strengthened network security to protect digital environment
- ✓ Simplified network management for IT teams, allowing them to focus more on hospital operations



Leading Retail Group



## Industry

Retail



## Location

UP, India



## Products

- Access Point
- Switch

# Supporting Growth with Scalable, Effortless Connectivity Solutions

## Challenges

As the organization expanded across offices, malls, and other sites, its network struggled with growing users and devices, causing slow speeds, downtime, and management complexity. A scalable, centrally managed solution was needed for consistent, reliable performance across all locations.

## Results

- ✓ Enhanced connectivity and user experience with WiFi 6 technology in high-traffic areas
- ✓ Simplified network management via Nebula's centralized cloud platform
- ✓ Future-proofed, scalable infrastructure for growing operations

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## Lagoon Furniture



### Industry

Retail



### Location

Hsinchu , Taiwan



### Products

- Firewall
- Security Router

## Enhancing Network Connectivity and Security for Smooth Operations

### Challenges

Lagoon's network setup was limited by having IT staff only at headquarters, leaving stores across Taiwan without local support. This created risks of misconfiguration, service interruptions, and connectivity issues. Moreover, firewall and router management required specialized skills, making external support essential.

### Results

- ✓ Seamless business operations and connections between headquarters and 20 branches
- ✓ Robust network security blocks malicious sites and prevents cyberattacks
- ✓ Real-time troubleshooting and reducing IT maintenance costs through simplified, remote network via the cloud

