



Success Stories

# Manufacturing

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Driving digital transformation  
for operational efficiency  
and continuity

Factories have complex network environments composed of IoT devices, such as wireless barcode scanners and surveillance systems.

They need to:

- Deploy **scalable networks** for future growth
- **Simplify** network **management**
- **Maximize** uptime and network stability



## Networking and Cybersecurity

are the keys to unlocking potential and driving industrial excellence.



### High-speed and robust connectivity

serves as the backbone, enhancing the production efficiency and integrating legacy systems with modern IoT devices



### Strengthened network infrastructure

acts as the first line of defense, protecting critical industrial control systems and proprietary information

# Challenges you may face...



“

I'm trying to **improve network performance**, but the current infrastructure just can't meet our **growing need for bandwidth and uninterrupted connectivity**.

We need **reliable connectivity**, while the metal structures and machinery in our big factory and warehouse spaces can **weaken the signal**.

”



# Zyxel Solution's Benefits



Uninterrupted wireless coverage and high-bandwidth connectivity, even in harsh factory environments



Scalable architecture allows for easy expansion and integration with other digital technologies



Create secure connections through VPNs, network segmentation, and robust policies to defend against threats





Cleone Foods, UK

## Reaching Warehouse Dead Zones to Drive Employee Efficiency



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“Zyxel access points are encased in IP65 clear boxes with drain tubes and the connectivity hasn’t suffered as a result. We can now look forward to phase two of our digital transformation plan to develop greater traceability and stock control via iPads.”

Wade Lyn  
CBE, Cleone Foods



**Frigol, Brazil**

## **Beefing Up Brazil Meat Factory's Network**



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“After deploying Zyxel's products, we're very satisfied and have a great deal of trust in the solution. Their products have been the perfect fit for the needs of our unique environment, and we were also impressed by their professionalism during the installation.”

**Fabio Toló**  
Corporate IT Manager, Frigol



**HEG Gida, Turkey**

## **Connecting a 65,000- square-meter Baked Goods Factory Is Easy**



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“Thanks to this project, we’ve made a stable, futureproof investment that will meet our factory’s needs for years to come. We’re grateful to both the BTM Teknoloji and Zyxel Networks Turkey teams for their hard work and support.”

**Furkan Dirmikci**  
Information Technologies and System Manager, HEG Gida





Dudhsagar Dairy, India

# Revolutionizing Network Infrastructure



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Dudhsagar Dairy addressed its expanding network requirements by upgrading its infrastructure, focusing on higher network efficiency and faster data transfers. Zyxel's solution provided a solid foundation for future growth, elevating network performance and cybersecurity, thus enabling the company to adapt to the dynamic business landscape.



**Adani Wilmar, India**

## **Boosting Surveillance Efficiency Across Multiple Sites**



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Adani Wilmar has collaborated with Zyxel to extend network coverage to eight key sites, including office areas and essential surveillance infrastructure locations. Zyxel's switches deliver a dependable network, enhancing connectivity and surveillance across various operations. These switches have proven to be an optimal choice, offering an ideal mix of fast performance and precise control.



Tsan-ho, Taiwan

## Beefing up Food Factory's Traceability System



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With increasing consumer awareness of food safety, Tsan-Ho recognized the need for its traceability system to monitor production data in real time. This required a robust wireless network, capable of enduring environmental challenges such as vibration, noise, and dust. With Zyxel's system implemented, the company can promptly address network issues and has praised Zyxel for its rapid and effective technical support.



**SASA Polyester, Turkey**

# Starring in Turkish Factory's Epic Network Upgrade

“There’s now a strong network throughout every inch of the factory and our security business processes are fully operational. Zyxel’s network switches are also helping us to minimize our business’s communication costs.”

**Ali Dilbaz**  
IT Manager, SASA Polyester



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Sanghi Industries Limited, India

# Unifying Cement Plant's Messy Network Management



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Managing a factory network with multiple brand switches proved inefficient, with outdated equipment and complex infrastructure causing numerous issues. By rebuilding the core and CCTV networks and replacing over 80% of the equipment with Zyxel's solutions, the company significantly streamlined its operations. The upgrade led to effortless network and CCTV management, eliminating wasted time and effort.



**Baltalı Group, Turkey**

## **Weaving a Cloud- managed Network for Textile Factories**



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“With Nebula, we can manage the networks of our factories wherever they are, and do it all from a single interface. This new infrastructure has also enabled us to create separate VLANs and deliver super-fast 10G connections across the whole network.”

**Kadir Öztürk**  
IT Audit Specialist, Baltalı Group



**SR SUNTOUR Cycling, Vietnam**

# Pedaling to Perfect Surveillance with Site-to-Site VPN

“Network speed and stability improved significantly. The new network ensures real-time surveillance, reduces footage backup time from several hours to just a few minutes, and makes network management much easier.”

**Chang Junhao**  
IT Manager, SR SUNTOUR Cycling



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**DOGU HVAC, Turkey**

# Overcoming Network Hurdles Across Vast Factory Space



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“We are extremely satisfied with the new network infrastructure and value-added services provided within the scope of the project. We thank Despro Information Technologies and the entire Zyxel Networks team for their support in all stages of the project, from finalizing the project scope to project management, and configuring the infrastructure for IP camera and IP PBX solutions.”

**Tarık AKSOY**  
IT Operations Manager, DOGU HVAC





ROTOGAL, Italy

## Adds Next-level Security, Continuity to Tape Maker



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The tape manufacturer needed its network to be secure, reliable, and fast. Zyxel's Nebula cloud management ensures continuous monitoring of network performance across both indoor and outdoor spaces. The result is universal satisfaction: the customer enjoys enhanced speed and dependability, while the technical service provider can oversee the internal network's health around the clock.



**Kubilay Boya, Turkey**

# Site-wide WiFi and Security Makes Life Easier

“As part of this transformation with Zyxel, our operations have become manageable over the cloud – and that includes both our wired and wireless products in all areas of our factory.”

**Hikmet Soydam**  
Information Technologies Consultant, Kubilay Boya



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WAFERLOCK, Taiwan

## Finding the Key to Smart Building Networks



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With its new factory and office featuring IoT devices for everything from access control to coffee machines, the smart lock maker adopted Zyxel's Nebula solution that unlocks high speeds, WiFi coverage, secure connections, and easy management. Additionally, IT staff can submit request tickets directly through Nebula, including via Web Chat, and receive responses and timely support from dedicated personnel.



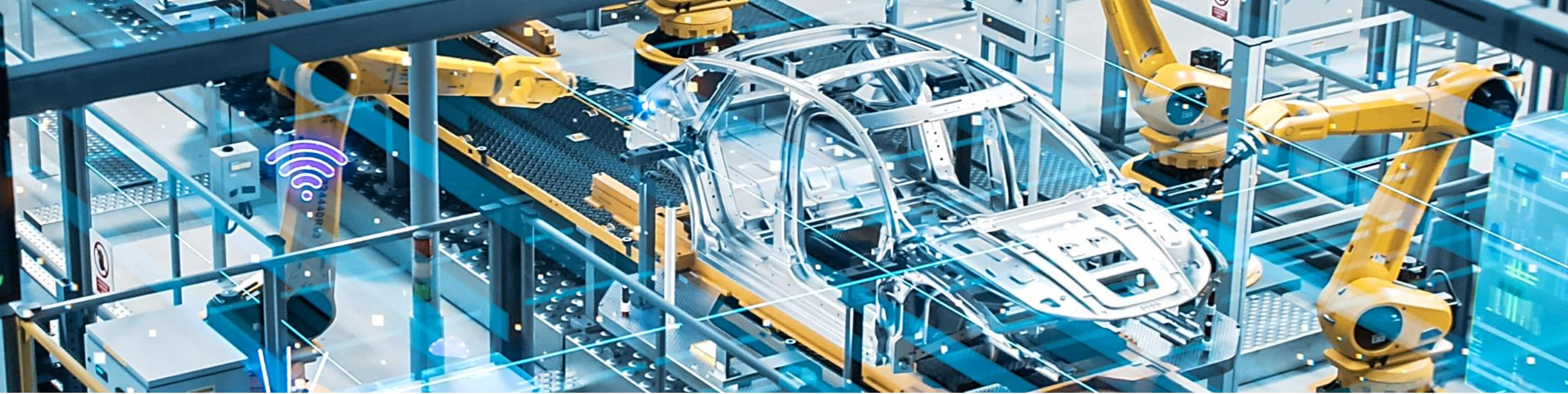
Home Voyage, Vietnam

## Enhancing Network Efficiency and Security at Furniture Factory

With a large number of computers and connected devices, particularly following the implementation of a new ERP system, the Vietnamese furniture manufacturer frequently faces network issues. With Zyxel's solution, the factory has overcome its network challenges and now enjoys a more secure and efficiently managed network.



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**Automotive Company, Uzbekistan**

## **Improving Vehicle Factory's Inventory Management**



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The factory implemented a new resource planning system equipped with wireless barcode readers, requiring an upgrade from limited office WiFi to comprehensive wireless coverage throughout the premises. However, the interference-causing metal in the factory posed a challenge. With the project complete and paying dividends in efficiency, the company plans to continue its partnership with Zyxel for future expansions.



**PilenPak Packaging, Turkey**

# Taking Packager's Customer Satisfaction to New High



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“We renewed our network infrastructure using Zyxel products incorporating emerging technologies. The entire process went off without a hitch and every one of our employees' high-speed WiFi requests have been met.”

**Mesut Sonmez**  
IT Manager, PilenPak



Lai-Yih Group, Vietnam

## Stepping Up Security at Cross-border Shoe Factories



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Facing compatibility and security challenges from outdated, mismatched firewalls across factories in Vietnam and Myanmar, the shoemaker needed a unified network. The deployment of Zyxel's firewalls enabled smooth communication, streamlined network management, and robust cybersecurity protection. Consequently, the company benefits from significantly reduced managerial effort and enhanced operational efficiency.

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