



## Success Story

### Domino's Pizza Turkey Links its Operations with ZyXEL Solutions

#### Overview

##### Customer Name

Domino's Pizza, Turkey

##### Customer Industry

Food/Restaurant Industry

##### Challenges

- Improve the central communication infrastructure
- Allow instant transmission of orders received by headquarters to nearly 500 branches
- Provide company with a controllable, fast, and secure network infrastructure.
- Allow stable and effective voice communications between headquarters and branches

##### Solutions

- Gigabit Ethernet smart managed switch
- 4-port bonding gateway

##### Benefits

- Established a high-performance network infrastructure
- Easy-to-use centralized management and configuration options
- Users can easily adjust settings from system startup to VLAN, from guest VLAN to QoS
- Increased operational speed and performance
- User-friendly, fast and easy installation wizard does not require trained IT professionals



#### Background

Domino's Pizza is one of the leading pizza brands in the world and one of the most globally recognized brands in any industry. Domino's operates 487 franchise locations throughout Turkey. The brand has built its reputation on its ability to make and deliver a fresh, hot, and

consistent product to customers within a relatively narrow time frame — 30 minutes. Such a challenge requires dependable and efficient logistics, including the ability to take orders at a central location and deliver them to the branch nearest a customer.

## Challenges

Domino's Pizza Turkey needed to improve the company's central communication network to allow instant transmission of orders received by headquarters to its nearly 500 branches throughout the country, thereby facilitating fast and efficient delivery. The solution

must create a controllable, fast and secure network infrastructure. Also, the solution would allow high-quality, stable and cost-effective voice communications between the branches and headquarters.

## Solutions and Benefits

The project was implemented by linking 487 branches of Domino's Pizza in Turkey via secure VPN connection. This was achieved with a ZyXEL GS1900-8HP GbE smart managed switch, which provided a high-performance network infrastructure allowing for easy management from a centralized location with simplified configuration option.

The project also included the installation of a ZyXEL P-793H v2 G.SHDSL.bis 4-port bonding gateway. The solution is the preferred choice to provide Internet access and LAN-to-LAN connectivity over the existing copper cable line for small/medium sized enterprises.

These products made it possible to provide a solution that offers high-speed point-to-point connectivity at a reasonable price point. Now, the network can handle not just the ordering system between branches, but also other demanding bandwidth-intensive applications such as video conferencing and distance learning between headquarters at branch staff.

Domino's Pizza 487 branches are now able to connect to headquarters

over a secure MPLS VPN line and process received orders easily and efficiently. With IP PBX, communication costs between headquarters and branches have been reduced.

While management has been centralized, each connected branch can function both as node connected to headquarters and a standalone network after the project. Thus, all branches of Turkey's Domino's Pizza chain have started to perform processes on the database at headquarters and receive orders over central IP switchboard.

ZyXEL GS1900-8HP GbE smart managed PoE switch used in the project was deployed by ZyXEL partner PM Group. The switch manages the centralized system through easy-to-use usage operation and configuration options. Thanks to the new network switch, users can make trouble-free adjustments to settings from system startup to VLAN, and from guest VLAN to QoS. This allows for not only efficient and high-performance operation, but also supports users who are not necessarily IT professionals with a user-friendly and fast installation wizard. Thus, the whole infrastructure is now more easily manageable and controllable without requiring extensive IT knowledge.

## Product Used



### GS1900-8HP GbE Smart managed switch

- 10/100/1000 Mbps GbE ports
- Easy browser-based switch management
- Quick and easy set up wizard
- Advanced network error prevention features (loop protection, dual images, storm control, DoS, SSL)
- Fanless design
- Green Ethernet IEEE 802.3az support and intelligent ZyXEL green features



## P-793H v2 G.SHDSL.bis 4-port bonding gateway

- Symmetrical High Speed Internet Access
- Flexibility to support EFM or ATM with single device
- End to End Connectivity
- IPSec VPN

### About ZyXEL Communications

ZyXEL Communications Corp., founded in 1989 and headquartered in Taiwan, is the leading provider of complete broadband access solutions. As one of the early modem manufacturers, ZyXEL has gone through transformations in the fast-paced networking industry. Delivering cutting-edge communications innovations to more than 400,000 businesses and more than 100 million consumers throughout the world, today ZyXEL is one of the few companies in the world capable of offering complete networking solutions for Telcos, small to medium-sized businesses, and digital home users for a wide range of deployment scenarios. Telco solutions include Central Office Equipment, Customer Premise Equipment, Wired and Wireless Access Network Devices, and Carrier Switches. SMB and Enterprise solutions include Unified Security Gateways, LAN Switches, WLAN, and IP Telephony. Digital Home solutions include Network Connectivity Devices and Multimedia Solutions.

The company has 1000 employees and distributors in 70 countries, reaching more than 150 regional markets. The ZyXEL Communications Corp. includes 35 subsidiaries and sales offices and two research and development centers worldwide. For more information, visit the company's Website, <http://www.zyxel.com>.

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