



## Success Story

### Turkish Iron Goods Manufacturer Enhances Communications with ZyXEL Devices

#### Overview

**Customer Name**

KLC Iron

**Customer Industry**

Manufacturing

**Challenges**

- Provide wireless access to fleet truck IP cameras and printers
- Connect headquarters to branches
- Connections must provide superior security and flexibility

**Solutions**

- Wireless N Dual-WAN Small Business Gateway

**Benefits**

- Secure VPN connection created between facilities
- Direct connection to IP cameras and printers
- Easy installation and setup
- Future-proof and easily upgradable
- High bandwidth with low power consumption for energy efficiency
- Wide range of connection options for added flexibility

#### Challenges

KLC Iron needed to be able to access the IP cameras of all the vehicles in its fleet through a broad logistics network, while at the same time accessing printers from its headquarters. This would allow the company to carry out inspection of vehicles and ensure rapid printing of job orders and other documents.

#### Background

Established 23 years ago, KLC Iron is the leading iron goods manufacturer in Turkey. The company, which is based in Istanbul, sends the final goods it produces to the warehouses all across Turkey through their own logistical infrastructure.

#### Solutions and Benefits

ZyXEL solution partner MEB Computer provided a solution to meet the high-speed data communication requirements of KLC Iron by combining ZyXEL hardware and infrastructure. High-performance ZyXEL SBG3300-N wireless N VDSL2 combo WAN small business security gateways were deployed for this project. Communication between the company's headquarters and the other branches of KLC Iron were enabled via PPTP VPN. Also, with the help of 3G mobile routers placed in vehicles, IP cameras could be supervised and shipping orders could be sent directly to the printers.



KLC Iron is now able to communicate with all the 18-wheeler vehicles in its logistics fleet through a secure infrastructure. In addition, communication with KLC Iron warehouses in various locations across Turkey was enabled through a secure VPN connection.

ZyXEL SBG3300-N gateway used in this project creates the most suitable platform for simple management and measurable growth, as they are easy to install and are designed for versatility. Thanks to

300 Mbps ADSL2X and VDSL2 support, they provide high bandwidth while consuming low levels of power. DSL, Ethernet, 3G, fiber, and mobile broadband WAN connection options offer the ideal broad network structure for both mobile and fixed line deployments. For this project, KLC Iron was provided with the ideal solution, enabling additional future growth and improvement options. KLC Iron will be able to protect their investment, even when both the number of vehicles generating mobile data transfers and branches increase.

## Product Used



### SBG3300-N Wireless N Dual-WAN Small Business Gateway

- 802.11n technology for extreme performance and coverage
- Robust firewall and secure VPN
- Multi-WAN connectivity with load balancing and failover
- Comprehensive management

#### 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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