



Success Story

Turkish Municipality Secures Network with ZyXEL's Security Solution

Overview

Customer Name

Odunpazarı Municipality, Turkey

Customer Industry

Public Sector

Challenges

- Establish a secure network for public employees
- Solution must be stable and easy to manage

- Security solution must be able to handle threats as they evolve

Solutions

- Unified Security Gateway

Benefits

- Easy centralized management
- Fast & stable network connectivity
- Protection from viruses, worms, phishing, spyware, spam and other security threats
- Real-time threat detection

Background

Odunpazarı Sub-provincial Municipality is the first settlement of Eskişehir, and is known for its historic and colorfully painted houses. The town's name translates literally to "wood market" in Turkish. The

municipality was established in 1994, and has a population of over 375,000 spread over 43 neighborhoods.

Challenges

As the importance of having Internet access increases and the number of devices requiring Internet connectivity expands, public institutions and municipalities are undergoing an e-transformation to provide many of their services online. Sanitation tax payments, online debt query transactions, service desk requests and document tracking — many of these services are now accessible over the Internet. However, existing public network infrastructure is often not up to the task. This can pose a problem when these services are highly critical to the work of municipality employees and the needs of guest users.

Odunpazarı Municipality — the municipality with the highest population in Eskişehir — was looking for a solution in this area and turned to ZyXEL as the solution provider to meet their network requirements. The municipality wished to establish a secure network infrastructure that could be centrally managed. The purpose was to ensure that both municipality workers and guest users could have access to a secure, uninterrupted and stable Internet connection, and that potential security threats could be anticipated and blocked using cutting-edge technology within the network.

Solutions and Benefits

With cutting-edge networking products and end-to-end solutions provided by ZyXEL, Odunpazarı Municipality received a secure and centrally managed network infrastructure.

The project began with an extensive analysis performed by System Power Plant, a ZyPartner member and ZyXEL's local solution partner. It was determined that the installation of ZyXEL's Unified Security Gateway (USG) products would create the ideal solution, allowing the municipality to have a centrally manageable and secure network.

ZyXEL USG 100, USG 300, USG 100 Plus and USG 1000 unified security gateways were installed throughout Odunpazarı Municipality to provide the network's security and management backbone. With the USG series firewall models located at various external locations throughout project, a VPN connection was established with the municipality's central data processing system, creating a secure network. The UTM profiles for the employees of the municipality and its guest users are now centrally managed.

"Today, it is an important development that many municipal services can be provided online, giving the public access to faster transactions," said Aytuğ Nadir, ZyXEL regional sales manager. "However, is

important to make no compromises when providing the public with a secure network environment with the highest quality equipment. Unfortunately, traditional firewalls and gateway security solutions fail to satisfy the security needs of institutions that handle highly critical data, such as municipalities. At ZyXEL, we are extremely pleased that we can provide these kinds of solutions with our USG series of products."

Nadair added, "Our USG 300/1000/2000 Series products, which we have installed in the of Odunpazarı Municipality network, are security platforms that can prevent the latest forms of attack, including unauthorized access attempts, viruses, worms, phishing, spyware, spam and many other types of threats. These also provide a solution that allows secure remote access for mobile users with ultra-high performance, deep package inspection features, and all-in-one multi-threat protection. Featuring real-time threat detection and constant service updates, USGs operate with the highest response rate in the network industry, blocking security threats without interrupting business operations. We would like to thank Odunpazarı Municipality, who has utilized our solution, and our ZyPartner solution partner, Sistem Santral, for this project."

Product Used



USG100 Unified Security Gateway

- Robust security without sacrificing performance
- Comprehensive support to IPv6
- Robust hybrid VPN (IPSec/SSL/2TP)
- Zero-configuration remote access with EASY VPN
- Supports L2TP VPN on mobile devices (iPhone and Android phones)
- ICSA Firewall, IPSec certification
- Content filter stops malware and Web threats
- Powerful Email security
- Non-stop Internet access with multiple WAN and 3G backups



USG100-PLUS Unified Security Gateway

- Robust security without sacrificing performance
- Comprehensive support to IPv6
- Robust hybrid VPN (IPSec/SSL/L2TP)
- ICSA Firewall, IPSec certification
- Content filter stops malware and web threats
- Power Email security
- Non-Stop internet access with multiple WAN and 3G backups



USG300 Unified Security Gateway

- Unified Security Gateway
- Ultra-high performance and protection
- Comprehensive support to IPv6
- Supported various VPN solutions (IPSec/SSL/2TP)
- ICSA Firewall, IPSec certification
- Real-time, dynamic malware protection
- High Availability (HA)



USG1000 Unified Security Gateway

- Ultra-high performance and protection
- Comprehensive support to IPv6
- Supported various VPN solutions (IPSec/SSL/2TP)
- Zero-configuration remote access with EASY VPN
- Support L2TP VPN on mobile device (iPhone and Android phone)
- ICSA Firewall, IPSec certification
- Real-time, dynamic malware protection
- High Availability (HA)

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>.

Copyright ©2015 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.