



## Overview

### Customer Name

Novo Gaming d.o.o. - Novomatic Holding

### Customer Industry

Gaming and Entertainment

### Challenge

- Security solution for company operating electronic casinos, gaming machines, slot machines and related entertainment businesses.

### Solution

- 450 pcs Zywall 2 Plus
- 2 pcs ZyWALL USG 1000

### Benefit

- Strong security features, robust IPSec VPN, easy to install and manage solution to connect remote locations, electronic casinos, gaming and slot machines to central location servers and to monitor and manage machines operated in remote locations.



## Success Story

## Novo Gaming d.o.o. - Security Solution for Electronic Casinos

### About Novomatic Holding

Today, the Novomatic Group of Companies is Europe's largest integrated gaming company. It is active in more than 60 countries worldwide and holds over 800 patents, industrial property rights, and designs. It also offers one of the most extensive ranges of products in the industry - traditional and video slot terminals, video poker machines, gaming machines with limited bets, betting terminals, multi-player systems, video lotteries, networked and online systems for casinos and the sports betting sector, as well as content for online gaming providers. The casino engagements of Novomatic and its founder and majority shareholder Prof. Johann F. Graf, include more than 800 electronic casinos and casino operations worldwide. The Group operates the leading casino in Germany (Berlin) and the Czech Republic (Haté) as well as the largest resort casino in Latin America in Chile. The Group is also among the market leaders in Switzerland as well as in the Czech Republic, Croatia and the Baltic States. Their local Croatian branch, Novo Gaming d.o.o. operates electronic casinos, gaming and slot machines at over 200 locations with remote places on the sea side and the inner lands.

### Challenge

Novo Gaming d.o.o the Croatian branch of the worldwide Novomatic group of companies operates a vast of gaming and slot machines on remote locations, over 50 electronic casinos and other entertainment solutions in Croatia. Company was looking for a versatile, unified and security solution to connect their existing and soon to be deployed gaming machines and remote locations to a central site providing solution to monitor and manage remote operations. A highly reliable solution was needed in all locations, machines and with redundancy in central location.





## Solution

In cooperation with local ZyXEL system integrator company, Badurini d.o.o. a star VPN topology was designed, exploiting features like IPSec VPN offered by ZyWALL solutions. To build such a cost effective site-to-site VPN connection between all remote locations and central servers they used ZyWALL USG 1000 firewalls in central location and ZyWALL 2 Plus firewalls in remote locations, electronic casinos and machines. In central location 2pcs of ZyWALL USG 1000 were installed with Device HA configuration to provide a redundant solution in case master firewall fails. Furthermore, multiple WAN connections are used to exploit auxiliary (backup) Internet connection to further increase reliability. In remote locations and machines ZyWALL 2 Plus firewalls are installed to establish site-to-site VPN connection to servers in central. Beside the robust and cost effective IPSec VPN solution ZyWALLs provide an all-in-one UTM (Unified Threat Management) solution including ICSA certified firewall, comprehensive reporting system, multi-level threat management, rapid response to new threats with ZyXEL Security Distribution Network (ZSDN), end-point security and other key features.

## Products Used

- 450 pcs ZyWALL 2 Plus in remote locations, electronic casinos, gaming and slot machines
- 2 pcs ZyWALL USG 1000 in central location

## Zywall 2 Plus Internet Security Appliance for ADSL 2+

- ZyNOS ICSA IPSec VPN and FIREWALL Certified
- Web-based Content Filtering with Blue Coat service
- Policy-based Bandwidth Management
- Dial Backup with RS-232 on RJ-45 Null Modem Port
- Four LAN/ DMZ\*10/100 auto MDI/MDIX Ethernet Ports
- 24Mbps throughput handing With Firewall On and Active VPN tunnel for FTTH and ADSL 2+



## ZyWALL USG 1000 Unified Security Gateway

- All-new platform: "3rd" generation ZyWALL
- 22x faster than previous-generation ZyWALL firewalls
- New generation UTM solution
- Robust hybrid VPN (IPSec and SSL)
- Application firewall
- Web security (Security Web access): ZyXEL safe browsing
- Non-stop Internet access with multiple WAN and 3G backups
- ICSA firewall, IPSec certification
- Comprehensive report system
- Best-of-breed security solution
- Free Anti-spam service
- ZyXEL Security Distribution Network (ZSDN)



## 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 undergone many transformations in the fast-paced networking industry. Today, ZyXEL is one of the few companies in the world capable of offering complete networking solutions of Telco, SME/Enterprise, and Digital Home for a wide range of deployment scenarios. Telco solutions include wired and wireless access network equipments, networking customer premises equipments, and Carrier Switches. SME and Enterprise solutions include Unified Security Gateway, LAN Switches, WLAN, and IP telephony. Digital Home solutions include network connectivity devices and multimedia solutions.

The company has 3200 employees and distributors in 70 countries, reaching more than 150 regional markets. The ZyXEL Communications Corp. includes 33 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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