



# Success Story

## Game Developer Playsoft Levels-Up Its Wi-Fi Network with ZyXEL Solutions

**"We wanted to increase the efficiency of our network and its security, taking into account the specificity of Playsoft's projects. We chose the ZyXEL's NXC2500 Controller and NWA5123-NI access points for better central management of the system."**

**Przemysław Biernacki**  
IT Specialist of Playsoft Group

### Overview

**Customer Name**  
Playsoft Group

**Customer Industry**  
Software Development

#### Challenges

- Provide wireless connectivity for employee devices in company offices
- New wireless network must be able to handle high-density of users and devices
- Network solution must be stable when supporting multiple device connection
- Solution must provide centralized management and usage statistics
- Solution must be cost-effective

#### Solution

- Wireless LAN Controller
- 802.11 a/b/g/n Dual-Radio Unified Access Point

#### Benefits

- Easy installation and management
- Recording and reporting of network stats and activity
- Easily expandable for future growth
- Cost-effective "pay as you grow" solution
- Dual-channel support to easily manage more users and devices

### Background

Playsoft was founded in 2004 by two gaming enthusiasts with a love for new technologies. Today, the company operates studios in Paris, France and Gdańsk, Poland, and employs more than 100 passionate individuals. Playsoft develops games for top-tier clients and as well as its own brand. One of the company's biggest markets is the mobile gaming app space. Their stated mission is "to create great, unique, and mind-blowing games."





## Challenges

The main challenge Playsoft faced was the unusually high number of connected devices in their offices. Playsoft's developers and testers utilize hundreds of different smartphones and tablets during the development process. Normally there are as many as 40 active devices within a small area. The client was looking for equipment that would be able to meet their networking needs while not straining the company's budget.

## Solutions and Benefits

The entire installation and configuration of new network went smoothly without any problems. The previous system consisted of several access points spread throughout the offices. Each had its own control panel, making it impossible to manage them from a central location.

The addition of a ZyXEL NXC2500 controller simplified network configuration, which extended to all connected access points. Much like opening extra lanes of a highway to speed traffic during busy periods, it was now possible to automatically balance network loads between several access points.

An integrated and intelligent wireless network controller, the NXC2500 is designed to afford businesses a wide variety management options — monitoring, authorization, and guest access — all in one affordable and user-friendly package.

The main priority for Playsoft was network stability when multiple users and their various devices connected simultaneously. Another significant factor was centralized management of the WLAN and the ability to gather comprehensive statistics on network use within the company.

In line with the "pay-as-you-grow" principle, Playsoft now has the ability to expand its network and its functionality in the future. It is an ideal solution for similar small- and medium-sized companies, as well as for the implementation of security in centrally-managed wireless LAN networks.

The second aspect of Playsoft's wireless network solution is ZyXEL's integrated NWA5120 Series 802.11 a/b/g/n access points. These offer a future-proof solution in WLAN technology, making them ideal for growing businesses. By combining these two factors, users can set up an access point as a free-standing device or — in the case of expansion — as part of an extended structure managed from a central control unit, as was the case with the Playsoft's network.

## Products Used



### NXC2500 Wireless LAN Controller

- Centralized management for up to 64\* APs
- ZyMesh mitigates complex, inconvenient cabling
- Comprehensive features for Wi-Fi deployments
- Wi-Fi performance optimization and always-on Wi-Fi connectivity
- Seamless integration with external AD, LDAP, RADIUS authentication
- User-friendly authentication by QR code facilitates keyboard-less mobile devices accessing Internet

\*Management of 64 APs is supported with firmware version V4.10 or above

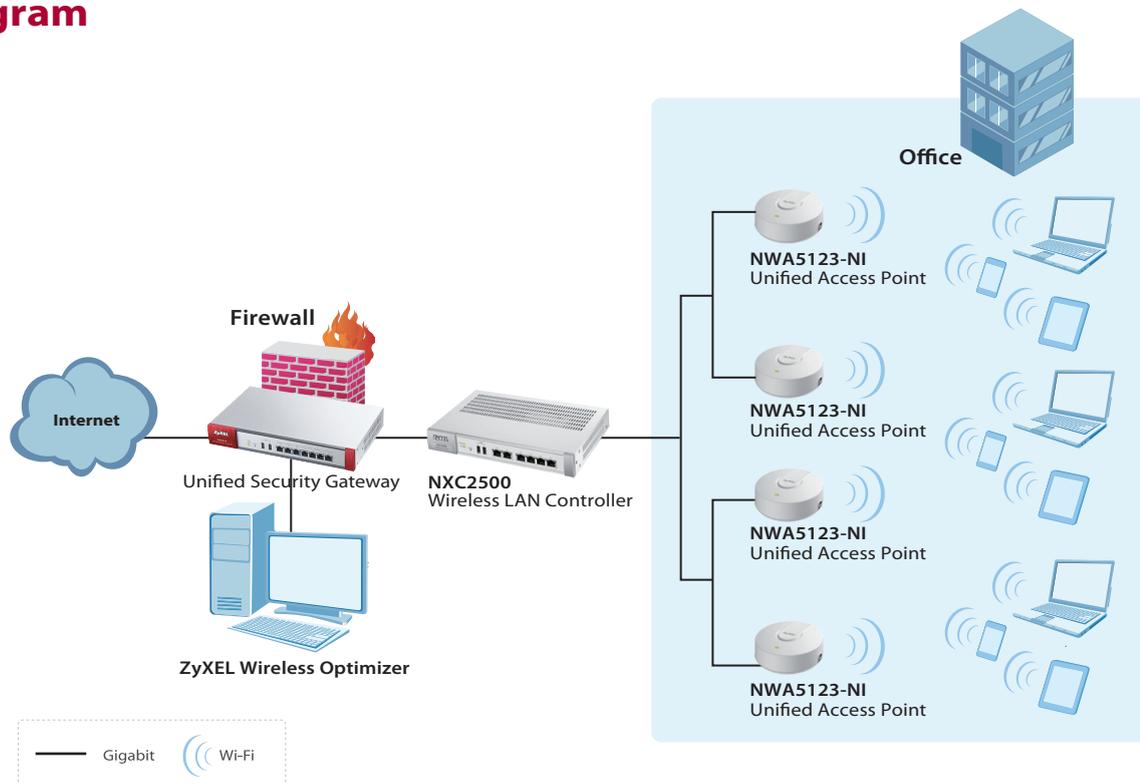


## NWA5123-NI 802.11 a/b/g/n Dual-Radio Unified Access Point



- Ceiling and wall mountable
- Plenum rated housing
- 2-in-1 standalone/managed AP design
- CAPWAP management supported
- 2.4 GHz and 5 GHz concurrent dual-band
- High-performance RF technology: Tx Beamforming and Rx Maximum Likelihood Demodulation (MLD)
- ZyXEL One Network is supported

### Diagram



### 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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