



## Success Story

Italian Fashion Boutique Chain Finds the Right Fit with Nebula Solution



Retail



Gente Roma



COUNTRY



Zyxel  
Nebula  
Solution

## Overview

### Challenges

- Create a secure and reliable wireless network for chain of fashion outlets
- Provide user-friendly centralized network management
- Network must link multiple point-of-sale devices
- Provide WiFi network access to customers

### Solutions

- Zyxel Nebula Solution

### Benefits

- Secure transmission of data protects customer credit and billing information
- Create a balancing/backup system via the xDSL networks located in each store
- Customers have access to secure network for e-commerce
- IT team can remotely manage the network via the cloud

## Background

Gente Roma is a chain of popular fashion boutiques spread across eight multi-brand shops in Rome, Italy. Established in 1981, it has been a landmark in the ancient city's fashion industry, catering to some of Europe's most discerning and fashion-conscious clientele. Gente Roma aims to provide a high-quality, personalized shopping experience by offering customers fast and stable WiFi connections.



## Challenges

The primary challenge facing the Gente Roma was to create a secure and reliable network that would connect the boutique chain's various locations through the city. Gente Roma also needed to provide fast and stable WiFi service at its various stores to meet growing demand for

wireless connectivity while providing a better customer experience. The job fell to L'Ejart, an established Zyxel partner. Founded in 2003, the IT company specializes in secure network solutions for small and medium-sized businesses (SMB).

## Solutions and Benefits

Zyxel and L'Ejart collaborated to create a 10-Gigabit network infrastructure connected by a ZyWALL 110 VPN firewall, which guarantees secure data transmission. The USG40W gateways were chosen as VPN clients to link to points-of-sale devices. The firewalls allow Gente Roma to create a balancing/backup system via the xDSL networks located in each store. A public WiFi network is available to customers in each boutique location through NAP102 and 203 Nebula cloud managed access points in the peripheral offices. This allows centralized remote management via Nebula Control Center (NCC) platform. This means that IT staff can manage the network anytime, anywhere without being physically present in the stores.

The Zyxel Nebula cloud solution has created a "smart digital store," linking each boutique to the company's e-commerce website where online shoppers can find the latest arrivals and seasonal must-have items advertised.

Through collaboration with Zyxel, L'Ejart helped the customer effectively manage and monitor its corporate network without degrading service to individual users. This is particularly important for businesses like the Gente Roma that lack in-house IT staff. It's with these businesses in mind that Zyxel designed the Nebula cloud as a simple-to-deploy and easy-to-manage SMB solution.

## Products Used

### ZyWALL USG110 • Unified Security Gateway



- Unified Security Gateway Firewall for small- and medium-sized businesses
- Complete network protection with firewall, Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Patrol
- Robust SSL, IPSec and L2TP over IPSec VPN connectivity and VPN high availability (HA)
- Unified security policy
- Device HA Pro ensures smart handover
- Cloud Helper makes firmware upgrades a breeze
- Hotspot management supported

### XGS2210-28HP/52HP • 28/52-port Gigabit L2 PoE Switch with 10 Gigabit Uplink



- Gigabit connectivity plus four SFP+ ports for handling high-bandwidth networks with ease
- Physical stacking up to two units through two standard 10G SFP+ ports
- VLAN static routing for agile, reliable network operations
- Supports sFlow, which analyzes client behavior to discover sources of bandwidth abuse
- Enhanced network protection with IP source guard, DHCP snooping, ARP inspection, and CPU protection
- Supports IEEE 802.3at PoE Plus with 375-W power budget

### NAP102 • 802.11ac Dual-Radio Nebula Cloud Managed Access Point



- Cloud-managed, dual-radio 2x2 MIMO 802.11ac access point
- Supports combined data rates of up to 1.2 Gbps
- Self-configuration and zero-touch deployment
- Enterprise-class security and RF optimization
- Dynamic channel selection, load balancing, and smart client steering

## NAP203 • 802.11ac Dual-Radio Antenna 3x3 Nebula Cloud Managed Access Point



- Cloud-managed dual-radio 3x3 MIMO 802.11ac AP
- Supports combined data rates of up to 1.75 Gbps
- Dual-optimized antenna allows pattern optimization adapted to wall- or ceiling-mounted installations
- Self-configuration and zero-touch deployment
- Enterprise-class security and RF optimization
- Dynamic channel selection, load balancing, and smart client steering
- Ultra-slim 32-mm ID design enables it to blend into any modern decor

## Nebula Control Center



- Responsive web design and intuitive user interface
- Multi-tenant and multi-site view
- Role-based administration privileges
- Real-time as well as historical monitoring and reporting
- Site-based auto and smart configuring tools
- Misconfiguration protection to prevent NCC disconnections
- Rich site-wide management tools (dashboard, map and floor plans, and topology)

## About Zyxel Communications

Focused on innovation and customer-centricity, Zyxel Communications has been connecting people to the Internet for nearly 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for telcos and service providers, business and home users. Zyxel is building the networks of tomorrow, unlocking potential, and meeting the needs of the modern workplace — powering people at work, life, and play. Zyxel, Your Networking Ally.

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