



Success Story

Zyxel Gets Italian Logistics Firm Ready to Scale New Heights



INDUSTRY

Logistics



CUSTOMER

Tuvia Italia



COUNTRY

Italy



SOLUTION

Zyxel
Nebula
Solution

Overview

Challenges

- Deploy a wireless network solution that facilitates efficient, cloud-based management
- Utilize forward-thinking infrastructure that can grow with the business

Benefits

- Centralized management of all branches from any browser
- Separated WiFi lanes ensure a jam in one doesn't slow traffic in both
- Time needed to find and fix network problems cut in half

Solution

- Zyxel Nebula Solution

Background

Tuvia Italia is a logistics service provider founded in 1986 with headquarters in Milan and offices in several cities across Italy. The company manages large-scale logistics facilities, working with international freight firms to send deliveries across air, land, and sea. It has found great success in the field, propelled by its dynamic and flexible approach.

Challenges

Tuvia Italia's IT manager, Simone Marzorati, needed to find a wireless solution that could be used to centrally manage the networks of not only the firm's main office in Milan but also its various locations around Italy.

And Simone wasn't hunting just for a wireless solution that could fit the firm's current needs. The company's

Solutions and Benefits

Working with local Zyxel partner and systems integrator STG Srl, Tuvia Italia found exactly what it was looking for.

For broadcasting WiFi, Zyxel's **NAP102 dual-radio access point** was chosen, with 30 of them deployed. The AP delivers high performance, meeting the latest 802.11ac wireless standard and boasting ultra-fast speeds of up to 1.2 Gbps—but that wasn't all that made it perfect for Tuvia Italia.

The NAP102 satisfied the need of easy deployment: its chic design means it blends into any office environment and it features zero-touch deployment, automatically configuring itself after installation and then automatically connecting to the **Nebula cloud**.

But what is Nebula? It's the second part of Tuvia Italia's solution. It enables all compatible devices—including the

In fact, Tuvia Italia's success earned it the attention of Asia's largest logistics provider, Kerry Logistics, which purchased the company in 2017. This spurred Tuvia Italia's growth further, and it soon became apparent that its office's network infrastructure simply couldn't handle the increasingly heavy lifting now required.

growth was showing no signs of slowing, and the network load would be significantly larger every year. Accordingly, to make scaling up the network easy, Tuvia Italia needed the right software, which could allow centralized management from anywhere at anytime, as well as the right hardware, which could be installed quickly.

NAP102—at all of the company's locations to be centrally managed via the browser-based **Nebula Control Center (NCC) platform**. Internet problems at a regional branch but no IT expert there to take care of it? No problem: Simone can jump on any computer, access the Nebula Control Center, and get things working again in a flash.

With the solution now in place, the workflow at Tuvia Italia's offices nationwide is smoother than ever, with staff able to contact key stakeholders more efficiently and securely. In the Milan headquarters, the WiFi has been divided into two services: one for the office and one for the logistics area, ensuring that unusually heavy traffic on one doesn't slow down access on the other.

And the icing on the cake? The tools provided by Zyxel have halved the time required to diagnose and resolve issues affecting the network's speed.

Products Used

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

Nebula Control Center (NCC)



- 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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