



Success Story

Italian Food Service Company Makes Electronic Payments Safer with Zyxel Security Products



Hospitality

INDUSTRY



MyChef

CUSTOMER



Italy

COUNTRY



Zyxel
Security
Solution

SOLUTION

Overview

Challenges

- Enables central control of multisite POS systems
- Protects customer data during transactions
- Simplifies network management

Results

- Reliable and easy-to-use central management of POS systems in different locations
- Compliance with PCI-DSS for secure electronic payment
- Reduced the need for onsite IT staff

Solution

- Zyxel Security Solution

Summary

MyChef is a well-known Italian catering service provider for travel retailers around the world. As the company kept expanding, it found it challenging to manage its complex sales systems. Since it is also required to comply with PCI-DSS standards for protecting customer data during transactions, it needed a reliable and comprehensive security solution. Zyxel's security products and solutions are designed to address these needs. After deploying superior security gateways and access points, the enterprise was PCI-DSS certified and could rest assured its payment data in every branch was completely secure.

Background

MyChef is one of the top global commercial catering operators, with over 170 locations at shopping centers, airports, and railway stations in 14 countries throughout Europe and the USA. With over 20 years of experience in the food service industry, MyChef first found success by providing a variety of catering services in travel retailers across Italy. By constantly innovating and elevating industry standards, the company now serves 50 million customers per year around the globe.

Challenges

MyChef operates from multiple locations throughout Italy and often found it challenging to optimally manage Point of Sale (POS) systems, which typically consist of a cash register, barcode scanner, computer, and other sales and inventory components. The company desired a central management system to control all its POS systems in a simple and flexible way. Moreover, it wanted all transactions to comply with PCI-DSS data security standards, which would guarantee secure digital payment and reduce the possibility of fraud. C&L, a trusted IT systems and services company, recommended a Zyxel security solution.



Solutions and Benefits

MyChef was very impressed by the renowned price-to-performance ratio of Zyxel's security solution. Additionally, the intuitively designed Zyxel devices made it easy for them to setup and manage the new network for its POS systems.

The **ZyWALL USG1100 Unified Security Gateway** was installed in the central office. This primary node connects to **USG20-VPN** devices at the other locations across the country, creating secure, high-speed communication among the numerous sites. Supported by Zyxel's UTM security services, the USG1100 does not merely protect customer and company data; it also ensures the company complies with the strict requirements of the EU's General Data Protection Regulation (GDPR).

Zyxel's **WAC6502D-E Access Point**, ideal for large areas, offers superior signal speeds and coverage. The device was deployed throughout the main office and centrally managed by the USG1100, allowing users to get the best WiFi—no matter the location.

Today, the fully-centralized system controls a range of connected devices, such as computers, printers, hand-held inventory devices, and cash registers. Zyxel's comprehensive security solution has simplified MyChef's network management process, reduced its operational costs, and allowed its site-to-site communications and data servers to remain safe and sound for years to come.

Products Used

USG20-VPN • VPN Firewall



- Robust hybrid VPN (IPSec/ SSL/L2TP over IPSec)
- Facebook WiFi, Intelligence social media authentication
- Auto-provisioned client-to-site IPsec setup with Easy VPN
- More secure VPN connections with SHA-2 cryptographic
- Device HA Pro dedicated heartbeat port ensures smart handover
- Hotspot management for authentication, access control and billing

ZyWALL USG1100 • Next-Gen Unified Security Gateway Extreme Series



- UTM Firewall for medium- and large-sized businesses and campuses
- Anti-malware protection with Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Protocol
- Patrol and SSL inspection
- Robust SSL, IPSec, and L2TP over IPSec VPN connectivity and VPN High Availability (HA)
- Unified security policy
- Device HA Pro ensures smart handover
- Hotspot management supported
- Facebook WiFi for intelligent social media authentication

WAC6502D-E • 802.11ac Dual-Radio External Antenna 2x2 Access Point



- NebulaFlex Pro allows users to switch among standalone, on-premises controller managed or intuitive Nebula cloud managed modes as needed
- Advanced IEEE 802.11ac delivers up to 1.2 Gbps combined data rates
- Industry-leading receive sensitivity as low as -100 dBm
- APFlex™, DCS, and tool-less bracket design streamline deployment
- Zyxel One Network is supported

About Zyxel

Focused on innovation and customer-centricity, Zyxel 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.