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Success Story

Colombia Public Services Company Boldly Branches Out with Zyxel Nebula SD-WAN Solution

INDUSTRY — Public Services

CUSTOMER — ServiGenerales

COUNTRY — Colombia

SOLUTION — Zyxel Nebula SD-WAN Solution

Overview

Challenges

• Establish secure connectivity between company headquarters and new remote offices
• Devise easy-to-deploy solution to keep workflow disruption to a minimum
• Implement scalable infrastructure that provides sufficient room for growth

Results

• Optimized site-to-site connectivity at enterprise-level speeds
• Rich management tools via anytime-anywhere cloud platform
• Robust security to ensure transferred data is safe and sound

Solution

• Zyxel Nebula SD-WAN Solution

"ServiGenerales is a company focused on providing integral solutions in the provision of public and complementary services. We needed a good technology partner to advance our business operations and provide faster service to our customers. At the end of our investigation, we chose Zyxel products and a Zyxel business partner, Weco, in Colombia. We knew we had made the right decision at the end of the project, since it was completed successfully in a very short period of time, in line with our requirements."

Ricardo Arrelano
Infrastructure Coordinator, ServiGenerales

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Background

ServiGenerales is a Colombia-based company specializing in a wide range of public services: waste management, recycling, landscaping, and street cleaning, to name just a few. The enterprise currently has 1,200 projects under its belt and over 8,000 fully satisfied clients. With offices in five Colombian cities and two new sites in Panama City, the growing company is devoted to promoting a healthy and sustainable environment, at home and abroad.

Challenges

After ServiGenerales opened two new offices in Panama City, they were forced to confront a major technical problem: sharing data with the main office in Bogota. In the past, multi-site companies have relied upon MPLS networks to provide secure connectivity across such distances. However, ServiGenerales was not thrilled about waiting a month to set up such a network. As they looked for a local system integrator to help develop a better solution, the company had several key requirements: comprehensive features, scalability for growth, and attentive vendor support.

Solutions and Benefits

After receiving an impressive proposal for a Zyxel Nebula SD-WAN Solution, ServiGenerales tabbed Weco, a local IT company, to handle the job. Not only was deployment more cost-effective than a comparable MPLS solution, it took just a day to set up, allowing ServiGenerales to maintain their workflow without significant disruption.

Both Panama locations now use the **ZyWALL VPN100 Firewall** to achieve fast and secure site-to-site connectivity with Zyxel's Nebula SD-WAN. The easy-to-deploy solution provides optimal WAN service quality, centralized monitoring via the Nebula Orchestrator, and enterprise-level throughput without the price tag. The service also comes with an array of vital features designed to enhance security and save time. In particular, Auto VPN makes it easy to establish rock-solid VPN connections, so IT staff won't be bogged down by repetitive manual configuration. And since the cloud-based platform is updated on a rolling basis,

ServiGenerales will always have access to the most cutting-edge network tools.

With Zyxel's Nebula SD-WAN Solution, ServiGenerales also has the scalability to expand their site-to-site network with ease. This means that every time they start work on a new branch, they won't have to search for a network solution; it will already be in place, ready to connect.

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Products Used

- Nebula SD-WAN for optimal WAN service
- Easy setup tunnel to Amazon Virtual Private Cloud (VPC)
- Facebook WiFi for intelligent social media authentication
- Robust hybrid VPN (IPSec/SSL/L2TP over IPSec)
- One-year free Content Filtering and Geo Enforcer services
- Device HA Pro dedicated heartbeat port ensures smart handover
- Hotspot management for authentication, access control, and billing

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.