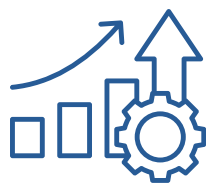


Corporate Network Architecture and Modernization



With the goal of improving the security, availability, and performance of its operations, a network of gas stations implemented a comprehensive project to modernize its technology infrastructure, adopting integrated solutions from Sophos for the protection and management of its IT environment.



CHALLENGE

The organization faced challenges related to managing multiple sites, connectivity between stations, security of transactions at fuel pumps, the lack of a corporate wireless network, and the protection of endpoints used by operational and administrative teams.

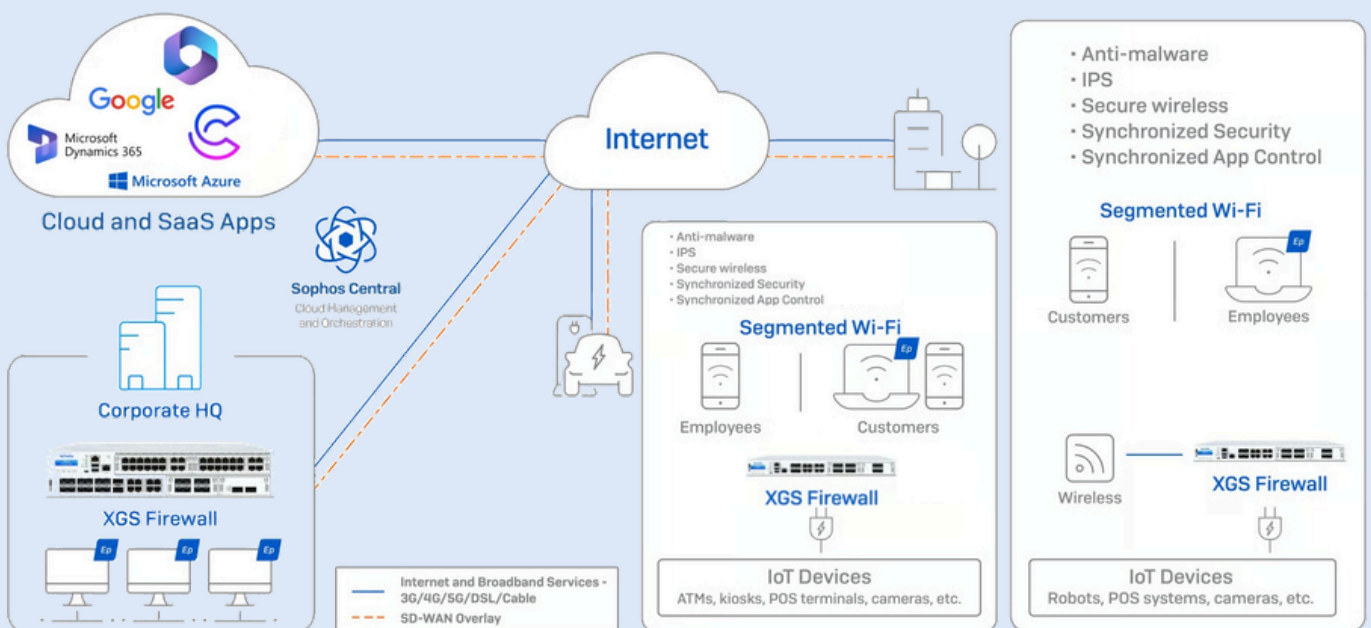
In addition, it was essential to ensure a seamless experience for end customers during refueling and the services provided at convenience stores, minimizing disruptions and reducing cybersecurity risks.

SOLUTION IMPLEMENTED

As a value-added distributor, DSSI helped design the solution and developed a project that involved a complete overhaul of the network infrastructure through the implementation of:

- ✓ Next-generation Sophos Firewalls for perimeter protection and centralized security management;
- ✓ Sophos Switches for local network modernization and improved communication performance between devices;
- ✓ Sophos Access Points for providing secure, stable, and wide-coverage Wi-Fi connectivity in convenience stores;
- ✓ Sophos Endpoint Protection solutions for advanced protection of corporate computers and devices against malware, ransomware, and other threats.

The entire infrastructure is now managed in an integrated manner through a centralized platform, providing the IT team with greater visibility, control, and responsiveness.



IMPACT ON USERS

The local support team is currently focusing its efforts on supporting users and business applications, as the network has matured to the point where it no longer requires constant intervention to ensure its operation.

Employees now benefit from a faster, more stable, and more secure infrastructure, enabling them to perform their daily tasks more efficiently and with less downtime.

For end customers, this modernization translates into a smoother experience when refueling and paying, with more reliable systems and fewer service interruptions.



CONCLUSION

The implementation of Sophos solutions has enabled the creation of a modern, resilient infrastructure that is ready for the organization's future growth.

The project not only enhanced the security and operational efficiency of gas stations but also helped improve the user and customer experience, establishing a robust technological foundation to support the business's ongoing evolution.

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