Frigol

Zyxel Beefs Up Brazil Meat Factory's Network to Ensure Smooth and Efficient Operations

Customer at a glance

Customer Name
Frigol S/A

Industry
Food manufacturing

Organization Size
Over 2,000 employees

Country
Brazil

Customer Background

Since 1970, Frigol has been consolidating itself as one Brazil's largest meat production companies, now with a presence in more than 60 countries across South America, Europe, the Middle East, and Asia. Its three-floor building has 16,000 square meters of floor space, including cold rooms and cooling tunnels that can process 180,000 tons of beef and 7,000 tons of pork every year. To successfully grow its business, ensure operational efficiency, and maintain customer loyalty, Frigol has been actively investing in its infrastructure, technology, and employees.

FRIGOL

"We were completely unfamiliar with Zyxel Networks when our system integrator partner TecExpert introduced us to them. But, after deploying Zyxel's products, we're very satisfied and have a great deal of trust in the solution. Their products have been the perfect fit for the needs of our unique environment, and we were also impressed by the professionalism of the TecExpert and Zyxel teams during the installation."

Fabio Toló
Corporate IT Manager, Frigol

Summary

Frigol is a meat industry leader with top-grade production equipment but, until recently, was being let down by poor coverage and connection loss problems at its massive 16,000-square-meter headquarters. Its existing network simply wasn't up to the job, so the company started the hunt for supplemental equipment that could be seamlessly integrated. In particular, Frigol needed reliable and affordable wireless connectivity and inventory traceability for its data collection devices and mobile computers, which were connected to its ERP and other automation systems. This meant continuous operation, requiring a network able to provide connectivity with less latency and higher availability. And that's exactly what it got after deploying a Zyxel wireless solution comprising NWA5121-NI Unified Access Points, for dead zone-free wireless signals, along with NXC2500 Wireless LAN Controllers and GS2210 Smart Managed PoE Switches. The icing on the cake was that the solution was integrated smoothly into the legacy system and afterward allowed straightforward and easy management. With the deployment complete, there's now high-speed, strong roaming connectivity and minimal signal interference no matter where you are, even in the low-temperature environments of cold rooms.

Challenges

- Replace existing infrastructure, which could not provide the uninterrupted connectivity and full coverage needed, especially in the cold rooms
- Deploy new equipment that works with the existing infrastructure at a fair price

Benefits

- Stable and seamless connectivity everywhere in the factory, including low-temperature areas
- Enhanced productivity and operational efficiency for better production and traceability
- Reliable solution is easy to integrate into the legacy system and cost-efficiently resolves customers' problems

Product used

- NXC2500 Wireless LAN Controller
- NWA5121-NI 802.11n Unified Access Point
- GS2210 Series Smart Managed PoE Switch