

Modern network infrastructure for service stations

The customer is one of the most popular service station brands in Germany and operates about 800 service stations in the country and another 150 in Austria. By using cloud-based network management for the technologically upgraded sites, it was possible to implement a secure and centrally controllable network infrastructure.

The initial situation

As part of the renewal of an existing contract, a technological upgrade of the overall solution was required. In addition to optimizing business processes, a smooth service station experience was to be realized for customers.

The solution

A strong partnership is the basis for the reliable and future-proof modernization of the IT infrastructure. This also included the installation of a separate Wi-Fi network for connecting the carwash's checkout systems in addition to the existing Wi-Fi.

To meet the customer's requirements, Europe's largest telecommunications company was commissioned to install the infrastructure as a service partner. Routers, switches and (outdoor) access points from the German network manufacturer LANCOM Systems were used. The entire rollout as well as operational responsibility and ongoing service tasks were handled by this partner. For this purpose, the LANCOM components were implemented in a cloud platform hosted and operated by the partner for rollout, operation and service, which sets new standards in terms of security, efficiency, scalability and agility for the renewed networking solution. For high resilience, a two-router strategy was set up for the customer, so that in the event of a wired Internet line failure, the 4G router can step in as a backup solution.

Why LANCOM?

The outstanding satisfaction with performance and service in the existing contract, as well as LANCOM's timely delivery commitments, were of great importance in the decision-making process. Another relevant criterion for the customer was a total solution made in Germany. This is why he opted for the German manufacturer LANCOM and Europe's largest telecommunications provider based in Germany. Thanks to the confident and tightly scheduled implementation of the project, the customer was able to modernize its network within the specified schedule and equip its service stations with a reliable and powerful IT infrastructure.

Info: For more information on the topic of service stations, please read the reference "Digital sovereignty for petroleum giant".

LANCOM components used

Routers, 4G components, switches, (outdoor-) access points



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