Cellnex Telecom

Building a next-generation network at the edge.

Solution components
Hardware
Lenovo ThinkSystem SE350 Edge Server
Lenovo ThinkSystem SE650 Server (prototype)

Software
Lenovo Open Cloud Automation
NearbyOne

Services
Cellnex Services
Lenovo Premier Support

"This edge computing solution is designed to help mobile operators lower their TCO, while supporting exciting new visual use cases for different vertical segments."
—Óscar Pallarols, Global Commercial Director, Cellnex Telecom

Cellnex is Europe's leading wireless telecommunications operator, serving mobile network operators across the continent. With billions of smartphones and IoT devices consuming huge amounts of data each day, there is immense pressure on telecom networks. Edge computing is an attractive solution, but cost and complexity can be significant barriers to entry. To solve the challenge, Cellnex teamed up with Lenovo and Nearby Computing to build a turnkey edge solution for its telco clients. By moving network capabilities closer to users, the solution improves the customer experience while minimizing backhauling and cutting costs for telcos.

Case Study