SOLUTION: Edge

INDUSTRY: Energy

COUNTRY: Spain

# OPTIMIZING ENERGY DELIVERY WITH EDGE DATA

**"Collecting and analyzing data in real time at the edge is the only way to solve our challenges. Now we can create our own technology platform, and we are very proud."**

**– CESAR CORACHAN**
CHIEF TECHNOLOGY OFFICER
ENAGÁS

Enagás is the main transporter of natural gas in Spain. It has 12,000 km of pipeline, underground storage, and regasification terminals across Europe and Latin America.

## USE CASES

- Optimize the gas delivery pipeline with improved measurement processes
- Minimize operational and maintenance costs by building a new data platform
- Analyze pipeline data to boost security, predict maintenance, and forecast demand

## REQUIREMENTS

- Collect real-time data at the edge with IoT architecture
- Deliver management and control of the pipeline in real time
- Distribute updates and new releases automatically and remotely

## SOLUTION

Enagás created a subsidiary—Smart Energy Assets—which leverages IoT to deliver improvements to safety, security, and profitability through a combination of machine learning algorithms and HPE Edgeline Converged Edge Systems.

## OUTCOMES

- Collect and analyze 352 million measurements per hour
- Accurately forecast demand, enhance security, and predict problems before they happen
- Proactively roll out new software with minimal manual effort

## ADDITIONAL RESOURCE

VIDEO: Enagás and HPE: Optimizing grid capacity and reliability with edge data

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Hewlett Packard Enterprise



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