

# Replacement of four different SCADA platforms to one control system for gas distribution pipelines



**Segment:** Gas distribution  
**End user:** EDP Energía  
**System integrator:** Siemens/Sindosa  
**Realization date:** 2010 - 2011

**Requirements:**

- Unique control and supervisory system
- Need to simplify the operation, reduce operational costs
- Ensure total control of the gas distribution pipelines and get a system based on up-to-date and highly scalable technology

**Solution:**

- 3 redundant central servers
- More than 150,000 I/Os, from more than 1,000 RTU's all over Spain
- 6 different communication protocols integrated in the same platform

**Benefits:**

- The end user has now an up-to-date SCADA system, based on standard-market technologies, that is in constant development
- Maintain and develop just one system, no redundant efforts in several systems any more
- WinCC OA system is available on the corporate network to enable business decision processes

EDP is the third largest electricity generation company and one of the largest distributors of gas in the Iberian Peninsula.

*In 2009 they had 4 different SCADA system for controlling their gas distribution facilities.*

*Sindosa is an engineering company with 30 years of experience in offering solutions and services in the field of electrical engineering automation and control.*

