

# Telecontrol system for irrigation and territory monitoring Sannio Alifano



**Segment:** Water and waste water

**End user:** Consorzio di Bonifica Sannio Alifano

**System integrator:** ID&A

**Realization date:** 2008 - 2010

## Requirements:

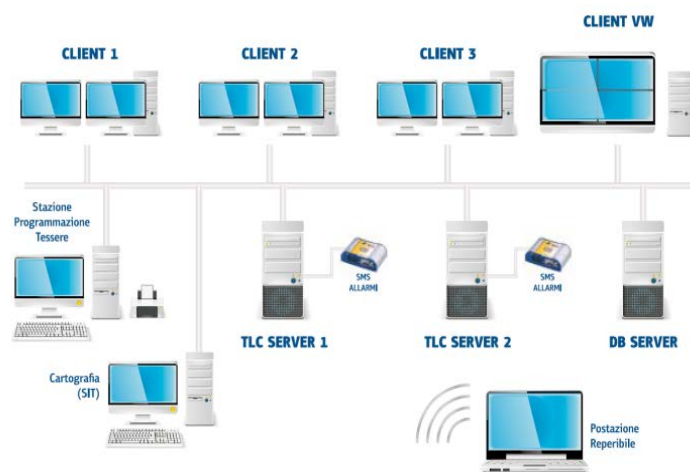
- Integration of the telecontrol system with the other enterprise systems
- More than 550 remote terminal units (RTU)
- “Always on” connection with remote terminal units

## Solution:

- Redundant WinCC OA architecture, connected with GIS and water accounting systems
- Modbus GPRS connections towards Siemens S7 and ID&A RCSLOG
- RTUs supplied by photovoltaic panels and connected with the automatic control for water delivery

## Benefits:

- Rational usage of the water resource
- Reduction of energy consumption and water leakage
- Fast and efficient alarm management
- Total integration of enterprise data



*I.D.&A. is WinCC OA Premium Solution Partner and a well-proven system integrator in Italy for the realization of turn-key remote control systems for utility companies.*

