



3.5.- Monitoring and management of hydraulic infrastructure production



DESCRIPTION

Ensuring the proper management of a supply requires continuous knowledge of the various variables that define the water system. The non-availability of this information gives rise to management without knowledge, leading to crises and high risks.

The centralized, real-time management and exploitation of the operation of the distribution network in such a manner as to facilitate knowledge of the system's operation (pumps, tank levels, flow rates, volumes, etc.) and real-time action in the event of any situation, in addition to improving the technical and economic efficiency of the supply.



OBJECTIVES

- Availability of on-line information on the condition of the equipment and continuous measurement of the water and energy variables.
- Anticipate any type of malfunction and obtain information to optimize the maintenance and operation of the system.
- Act, in real time, in the event of any alarm.
- Guarantee supply and do so efficiently.



AIMED AT

Public administrations, public companies and municipalities with competencies over the service.



ACTIONS

- Monitoring of the different variables measured on-line in the field.
- 24H reception of alarms.
- Generation of preventive/corrective work orders.
- Adjustment of the facility's energy operation.
- Post-commissioning technical assistance.



RESULTS / BENEFITS

- Guaranteed supply with 24-hour security.
- Reduction of energy cost.
- Increased lifetime of investment.

