



beneficiary:



HIDROELECTRICA



Beneficiary: SC Hidroelectrica SA

Description: The implementation of an integrated system for monitoring the parameters of the Vidraru dam.

System users: Dispatchers, Laboratories, Hidroelectrica afferent IT

Distribution: Local level - 3 locations (Curtea de Arges, Vidraru plant, Vidraru dam)

Purpose:

- To supply and install AMC equipments
- To supply and install the communication lines
- To execute the dam drillings
- To implement the acquisitions, administrative, alarming, reporting informational system afferent to the AMC network

Accomplishments:

- Installed AMC (pendulums, rock-meters, pressure sensors, flow-meters, telemetry-meters, seismic station): **60 AMC**
- Current drillings : **560 meters into the dam**
- Special drillings: **3 drillings x 35 meters x 250 mm diameter, 3 % deviation (approx. 1 cm). First such accomplishment in Romania**
- Communication lines: **approx. 6 km FO**
- Hardware equipment: **servers, workstations, laptops**
- Informational system: **Acquisition, Management, Monitoring, Alarming, Data Reporting (UMA TeamNet system)**

