

ERDF (France) Automated Meter Management



Business Challenges

- ERDF new information system and smart metering infrastructure for 35 million customers
- Remote data acquisition every day of all the meters
- Compliance with CRE (French energy regulator) recommendations
- ERDF Operational improvement and grid management optimization

Solutions

- GTPC information system based on SOA architecture and off- the-shelf software integration :
 - BEA Enterprise Service Bus and Business Process Monitoring
 - EICT Meter Data Management
 - Carl Source Enterprise Asset Management
- PLC laboratory for equipment testing
- AO Worldline solution for GPRS communication

Benefits

- Interoperability between equipments (meters, concentrators)
- Scalability and performance capabilities to cope with large volumes of information and also down sizable solution for small SI
- Business oriented implementation to ease upgrades
- Open PLC standard
- Basis to smart grid functions
- Few years ROI



ERDF is a subsidiary of EDF Group which is a leading player in the European energy industry, present in all areas of the electricity value chain, from generation to trading, and increasingly active in the gas chain in Europe. Leader in the French electricity market, the Group also has solid positions in the United Kingdom, Germany and Italy.