



Subtask 5- FI technology database

FI Tech Case #4: ista Suomi Oy

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ista is a world leader service corporation in measuring consumption of energy, water, and gas, and in billing based on actual consumption. We have a wide experience in system delivery and in out-sourcing of services.

ista Suomi Oy is responsible for the activities of the corporation in Finland. The services cover the whole measurement chain from the meter to the bill, including diversified measurement, settlement, reporting, billing and expert services. Our customers are energy companies, water utilities, and real estate companies.

ista Suomi Oy is a company independent of the energy market and of the technology manufacturers.

Services to real estate facility management

ista energy monitoring has been developed in cooperation of the most significant actors in real estate to confirm with the requirements of the users and of the service providers. New features are being implemented continuously.

Energy reporting allows the user to monitor consumption of energy and water for each location annually, monthly, daily or hourly. Measurement data can be updated to the system either automatically by remote reading or manually through the web.

ista Open AMR service model

Experience has shown that 100 % AMR coverage cannot be achieved by using one single technology only. The slow progress in standardization and lack of open systems have been obstacles when one wishes to combine the various AMR technologies in one system.

Data communication technologies that can be used include PSTN, PLC, LON, GSM, GPRS, radio, and TCP/IP.

One of the most important technological starting points in our services is the freedom for the customer to choose for each application the most cost-effective data collection technology. ista Suomi Oy can read terminals and meters that are based on technologies from Enermet, ADD Group, Turtle, Comsel, IskraEmeco, Aidon, and Landis+Gyr.

ista Utility Web

ista Utility Web gives the users in an energy company and in the customer company consumption displays and reports on electricity, heat, and water.

ista Utility Web is a unified user interface to meters of various manufacturers and presents measurement value, time series, interruption, quality, and control information in a unified manner.

With an extended service, the customer can monitor the quality of the measurement data in a manner that is independent of the data collection system, as a part of the ista Open AMR concept.