



Elster Metronica Corporate Profile



Elster Metronica is manufacturer and supplier of electronic electricity meters, communication metering equipment and AMR (Advanced Metering Reading) systems in Russia and the former SU Republics: Belarus, Ukraine, Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan.

Elster Metronica is the market leader in the field of metering systems for the Russian electricity market. Elster Metronica produces all the necessary equipment for project execution of metering systems:

- High functional, fully programmable solid electricity meters ALPHA series.
- Data acquisition, processing and communication controllers RTU-300 series.
- Meter, RTU and AMR server's cabinets.
- The state-of-the-art AlphaCENTER AMR software package.
- Data communication equipment, workstation.

Elster Metronica supplies metering systems on a turnkey basis. The company renders support on every stage of metering system implementation, including system's installation, commissioning and personnel training.

Elster Metronica is a member of the global metering Elster group created by the acquisition and consolidation of ABB's electricity and water metering businesses with the global gas metering businesses of Ruhrgas Industries. This acquisition formed a new group of companies that are totally dedicated to metering. Elster's products include electricity, water and energy meters, metering systems, and load control solutions. Our innovative products and systems reflect the wealth of knowledge and experience gained from more than a century of dedication to the electricity, water and energy industries. We are reliable: we foresee market and technology change and stay on top.

We lean on continuous innovations and in-depth understanding of customer's requirements on the competence and motivation of our employees. We are proud of our status as a global leader in metering products and systems. Our goal is to become the preferred supplier for all metering solutions in electricity, energy, water and gas.

Elster Metronica has a wide international experience of large-scale AMR projects and produces all the necessary equipment for building metering systems.

Electricity meters

Electricity is one of the fundamental requirements for any modern civilization and its development. Suppliers and users need an accurate and reliable means to measure and track the consumption and quality of electricity.

And we supply it.

Elster metering products are designed and manufactured to assure exact and reliable metering, resulting in increased revenues for Elster customers.

We offer you cost-efficient alternatives for metering applications, ranging from residential and industrial to metering for utility settlements and balancing purposes in regulated and deregulated markets.

Elster's innovative electronic ALPHA meters represent leadership in quality, accuracy, value, and universal application and communication. Featuring advanced function circuit boards, our meters are easily upgradeable, and conform to international (IEC) and national standards such as GOST DIN, BS, VDEW, and ANSI. Elster offers a range of versatile meters specifically designed for remote communications with a variety of metering systems.

RTU-300 controller

Controller RTU-300 is a family of data acquisition, processing, and communication units. The RTU differ in the controller types, capacity and the environment.

Functional capabilities and capacity can be upgraded. RTUs are designed for application at power utilities, industrial plants and other energy market players.

RTU-300 family has been certified as a type of measurement instrumentation for commercial energy billing.

Basic RTU application – high-accuracy time-of-use commercial energy consumption (delivery) metering (in multiplexer conditions), real-time preset load technical billing and monitoring. Data is collected from meters (Ethernet, RS232, RS422/485) via digital channels.

On the basis of RTU-300 it is possible to design the extensive, hierarchical metering systems. A wide range of communication interfaces allows to create flexible metering systems based on RTU-300 with their customization depending on the infrastructure of a specific enterprise.

AlphaCENTER

AlphaCENTER metering system was developed by Elster Metronica in Moscow in 1999 for large industrial and power utilities customers in Russia and CIS countries. 10 successful years of AlphaCENTER's operation in Power Utility, industry and transport segments proved its reliability, accuracy, high functionality and conformity to modern requirements.

AlphaCENTER is the series of software products; it is based on the principles of client-server architecture (Oracle, Windows NT/2000). The program collects and analyses data from meters, balances the accounts and integrates it into business administration systems.

The system is designed for billing, managing networks or consumption, load management and measuring and analysing of electricity quality parameters.

The system meets the demands of all our customers ranging from utility and large industrial companies with thousands of meters to small enterprises with several meters.