IDSpecto.ADMIN

A single metering system to meet all your needs

IDSpecto.ADMIN offers everything you need to collect, process and forward energy data. The system manages the process chain from measurement to forwarding to billing for grid operators, energy suppliers and meter operators.

IDSpecto.ADMIN is your holistic solution for automatic meter reading, meter and device management, plausibility, generation of authentic and provable billing data, as well as administration and distribution of data.

Record, process and deliver verified energy data with the highly available and high-performance metering system **IDSpecto.ADMIN**.

Liberalized metered data
The number of commercial energy transactions is steadily increasing. Consequently, every transaction must be checked against actual supply and transmission. Correct and reliable values are thereby vital for accounting.

However, billing and administration of energy accounts are part of a quite complex process. Energy is measured at one location and generated at another whereas transactions are agreed on elsewhere. One market partner is responsible for customer accounting and another settles imbalances for balance groups. In order to guarantee that all individual calculations deliver a consistent and correct result, all market participants must use the same reliable metered data created by **IDSpecto.ADMIN**.

Energy data under control
Although metered data is recorded by calibrated measuring equipment, values measured by a meter may actually be erroneous. Transcription errors, voltage interruptions, communication breakdowns or just defective meters – these are some of daily tasks, which have to be tackled. Even if recordings contain gaps and errors – data must be complete for billing.

IDSpecto.ADMIN is perfectly suited to this purpose as it provides system operators comprehensible rules for validation and even correction of available metered data valid for all metering customers. Reporting provisional data and subsequent correction are included in the range of functions.

Comprehensive and generally binding rules such as, for example, stipulated in the German Metering Code (VDE-AR-N 4400) can be applied in the system automatically. Data is exchanged in standardized formats, for example, EDIFACT, ebIX or LPEx.

Audit-proof processing

Meters may not operate properly. Metering systems may have malfunctions. People may commit errors. Energy companies, municipalities, energy suppliers – they all use **IDSpecto.ADMIN** to provide the required reliable database to downstream systems and trading partners. As calibrated measuring instruments make a big effort to deliver measurement results that are as exact and reliable as possible, **IDSpecto.ADMIN** must treat captured data with the same diligence. The system is able to start and even repeat readings automatically. In case corrections are required, they can always be traced. An unconditional definition of a "Valid value" and individual checking rules considering the different needs of markets or the varying requirements of guidelines guarantee audit-proof handling of metered data from capture to transfer to billing systems.

Meter reading

IDSpecto.ADMIN is the all-in-one tool for progressive grid and meter operators or reading service providers. No needless overheads, no excessively laboriously administration. The system reads all kinds of energy meters quickly, precisely and easily.

Energy data management

IDSpecto.ADMIN uses up-to-date EDM functions to process collected energy and meter data in compliance with the respective regulation requirements of the individual European countries. Smart integration of data acquisition and plausibility validation enables automated subsequent reading of gaps, detection and correction of reading errors as well as high-class and accurate substitute value formation. The system represents the part of the process in which values for accounting purposes are created that are binding for the energy market and trading partners. Optimized interfaces to ERP systems, eg SAP®, as well as usual market interfaces enable easy integration of **IDSpecto.ADMIN** into any existing IT environments.

IDSpecto.ADMIN efficiently supports energy companies and municipalities as it manages every task of qualified energy data acquisition as well as asset management on field level. Typically, the system is used for grid and meter operations. It provides reliable measurement results generated based on the so called *True values principle* to downstream processes as well as market partners.

IDSpecto.ADMIN supports all types of energy – electricity, gas, water, heat and cooling. The system is suitable for all customer groups, such as corporate, business and tariff customers or even exchange measurements and distributors. You can use every common transmission technology such as PSTN, GPRS, LTE, IP connections as well as the internet with mail (SMTP) and SFTP services for remote reading of metered data. For emergency readings, you can use Android™[1] devices to capture data on site.

IDSpecto.ADMIN is the bestselling system for energy data acquisition on the European market. The system is future-proof as it is based on Microsoft Windows[2] operating systems as well as Microsoft .NET technology. You can operate servers and clients on machines running common Microsoft operating systems.

Do you have any questions? Together, we will identify your needs and develop a solution concept.

We set the standard for energy data acquisition in Europe. Now it is up to you – benefit from more than 40 years of experience to ensure long-term success.

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[1] Android is a trademark of Google LLC.
[2] Microsoft Windows is a trademark of the Microsoft group of companies.