VIVAVIS

DECODING THE FUTURE

IDSpecto.collector

Our tried and trusted solution for automatic meter reading

Whatever meter you use for your corporate and business customers – you can trust in the tried and tested performance of IDSpecto.collector when reading data. Several hundred device drivers guarantee that values of all kinds of meters, regardless of the medium, are not only recorded reliably, but also standardized and integrated into IDSpecto. This way you become independent of manufacturers to the highest possible extend and remain flexible with regard to meter model and type.

Reliable data for manifold applications

IDSpecto.collector enhances the metering information system IDSpecto and provides point-to-point reading of energy meters as head-end system (HES) component. The system not only supports data acquisition from meters made by different manufacturers, but also considers the particular time zone of the meter's location. Reading and evaluating meter readings, load profile data, meter reading sequences and measured value series are the core functions of IDSpecto.collector.

Status and logbook data from the metering device which are also essential to evaluate events are likewise read and applied for further analyses. Raw data is put into archives and reliably stored; this way you can consult original data at any time. Apart from that IDSpecto.collector features specific functions required to read gas meters and supports deviating definitions of time and day.

In detail

- Features several hundred device drivers

- Delivers data billable up to 100%

- Ensures verifiable and reliable archiving

- Offers full flexibility with regard to communication technologies

- Provides high scalability

- Can be integrated into IDSpecto.DAYOS

Working with IDSpecto.collector via IDSpecto.DAYOS

The IDSpecto.DAYOS user interface offers central access to all device data and measured values thanks to its multi HES interface. This interface enables communication with devices in the field based on the particular use case to, for example, initiate subsequent or intermediate readings. The multi HES interface offers the same user-friendly handling you are familiar with since IDSpecto.DAYOS. The completeness check, for example, offers options to directly navigate to devices with missing values and trigger corresponding readings.

Devices or other objects such as metering points, which are also required by IDSpecto.collector, are now created in IDSpecto.DAYOS. Data is thereby compared bidirectionally. So, all you need now for daily operation is only one user interface. Access via IDSpecto.ADMIN client just remains required for administrative purposes only.

Intrinsic comprehensive features

Synergies are achieved as IDSpecto.collector completely integrates as metering system into the overall system IDSpecto, thus providing optimum support of standardized interfaces for billing systems and jointly used market interfaces. Distributed data management is a thing of the past, simplified system administration and universal processes increase productivity as well as quality, hence significantly contributing to the reduction of costs in the field of energy data management.
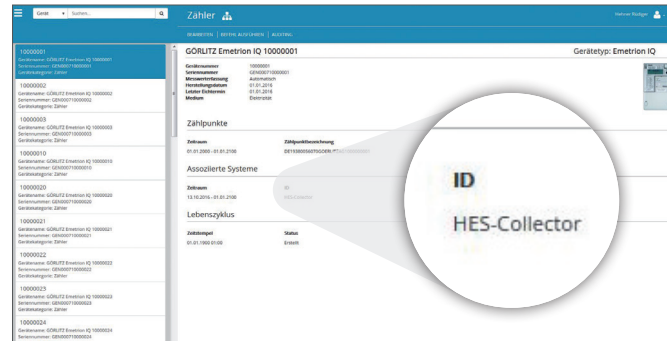
Thanks to the device information, you can see the allocated HES interface at a glance.

IDSpecto.collector features the modular driver concept Open Meter Engine (OME). Drivers provide protocols, data evaluation, and even user interfaces to display device details in IDSpecto.client. Due to this combination of functions existing systems can be upgraded with drivers at any time, thus eliminating cost-intensive and time-consuming updates of software versions. Drivers are integrated into the system via a standardized interface.
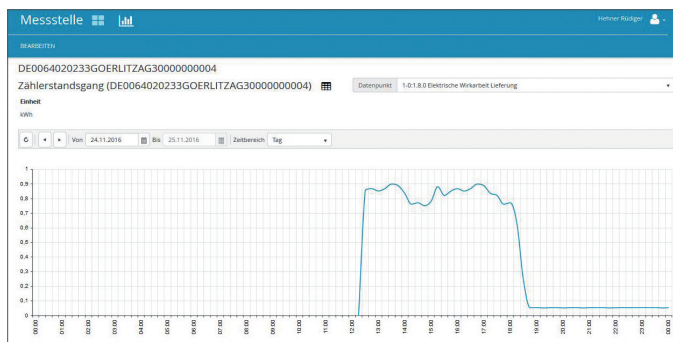
Load profile view in IDSpecto.DAYOS

IDSpecto.collector does not only provide optimum support for GSM connections typically used for remote reading today, but also for packet-oriented connection standards such as GPRS or even point-to-point connections via Ethernet®. Direct connection of meters using common IP standards enables quick data access and also 'always online' connections. Selective use of such modern communication infrastructure helps to reduce communication costs to a minimum at any time.

IDSpecto consists of various software components to guarantee high availability and performance. These components have been designed for communication (Call Manager), data evaluation (Translation Manager) and to organize IDSpecto.collector (Request Creator, Request Updater, FNP Recall Manager), and they can be scaled almost arbitrarily. Thanks to this scalability, IDSpecto.collector can be used in all kinds of projects – from simple single-user systems to complicated multi-user systems spread over several locations.