



## IDSpecto

### Metering Solution for Public Utilities and Energy Companies

#### **Efficient! Future-proof! Economic!**

IDSpecto by VIVAVIS is an innovative and universal solution that can be adapted flexibly to the various requirements placed by data acquisition, data processing and data forwarding.

#### **Reliable! Secure!**

IDSpecto as data and process hub reconciles all information given by various applications and sources; information is reliably processed into data suitable for accounting and forwarded to connected processes or systems. The whole procedure is usually executed fully automated.

#### **Strict automation approach**

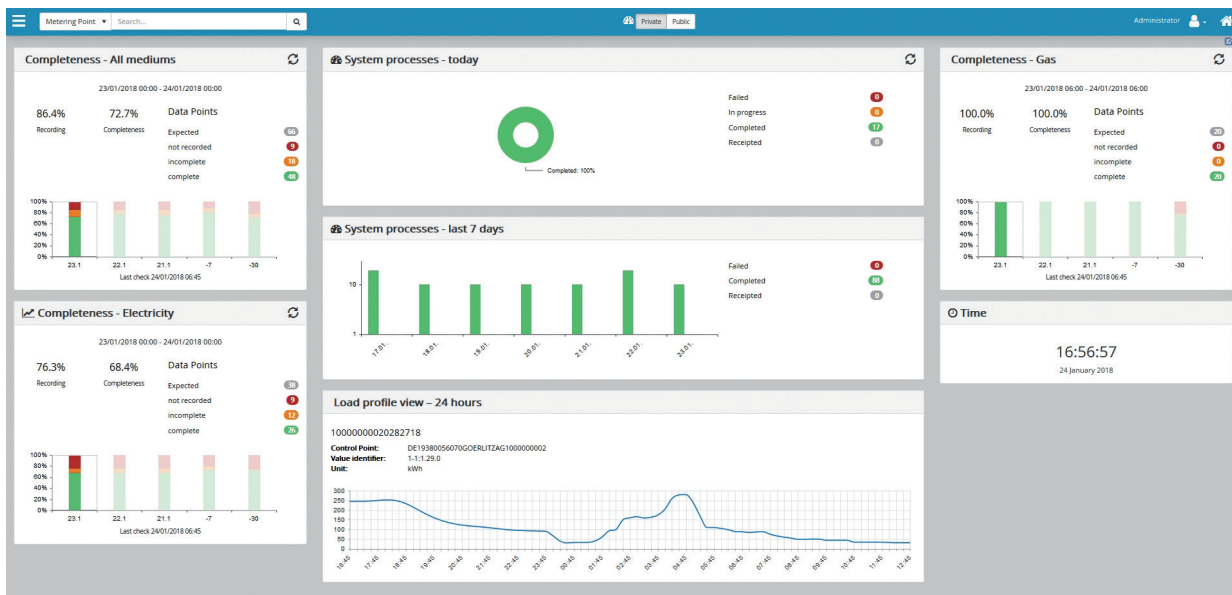
You as the authorized user keep an overview of all processes related to an event at any time. You always know the current status. You are able to interfere manually at all times. IDSpecto points to irregularities and guides you through the process required to resolve problems. This behaviour results from the workflow-based system architecture that can be adapted to the number of tasks to be processed and the data volume.

#### **Flexible formula editor**

The high-performance formula editor enables calculating data points for load profiles and registers in accordance with the rules and regulations given by the Metering Code. You can define individual formulas in this editor and store them as general templates that can be easily allocated to a data point when creating a control point. This way you are able to reuse formulas flexibly. Administration effort is thus remarkably reduced. An audit-secure history and archiving of data enables later reconstruction and determination which value had been valid at what time.

### In detail

- Scalable metering systems with flexible adaptation
- Many years of experience gained in projects
- Reliable solutions for today and tomorrow
- Training and project services
- Competent partners within a stable network



### Your personal dashboard.

All required information at a glance: you can adapt the IDSpecto.DAYOS user interface to your individual requirements and show everything you need for your daily work. This way you quickly get an overview of the system status, processes and quality of data to be processed.

### Economic! Future-proof!

IDSpecto provides a broad range of functions and features as manifold as our customer's requirements. This is why IDSpecto has a modular concept. Creating individual solutions is easy; our high-performance basic system can be combined with modules, process packages and functions in accordance with your specific tasks. New functions can be added by means of additional modules if requirements change.

### Open scalability

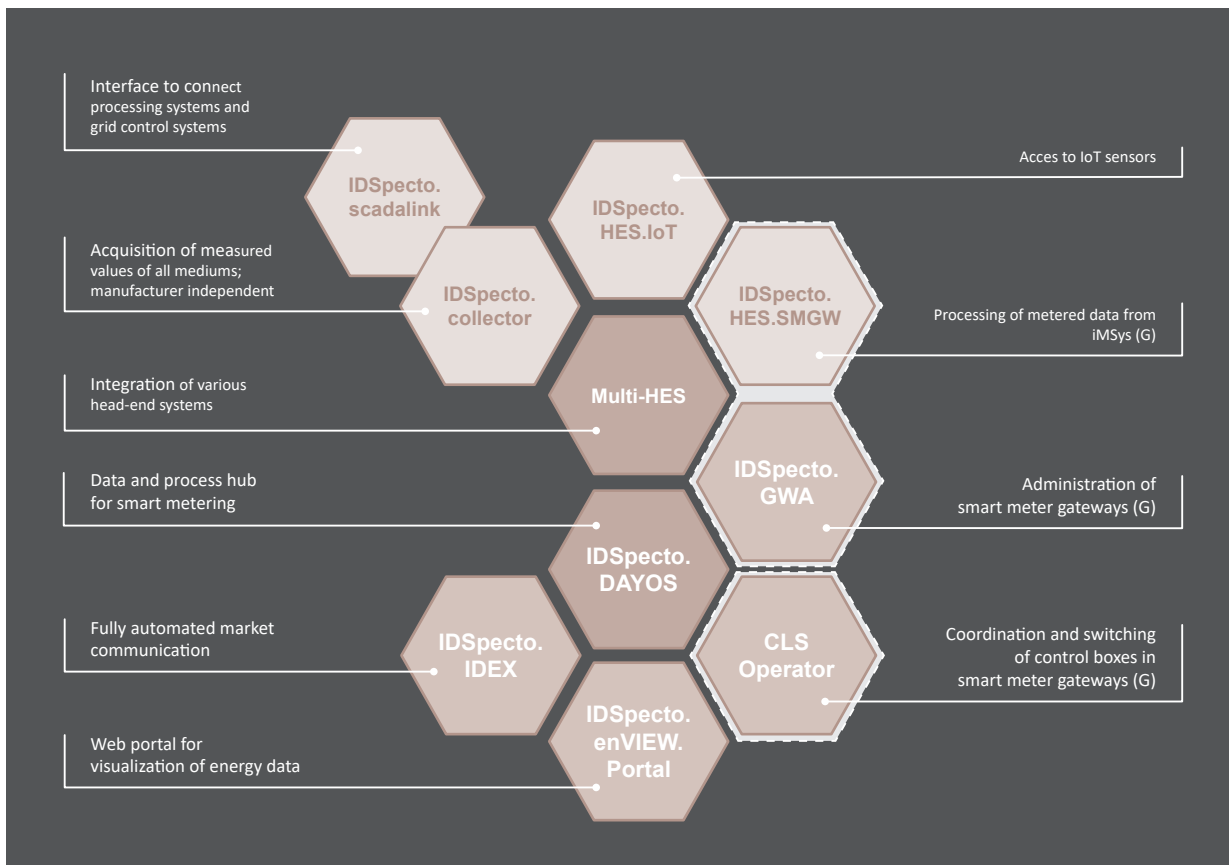
IDSpecto is based on a platform providing an open scalability concept thus allowing for secure meter operation at municipalities and local utilities as well as for the evaluation of several million maintained control points.

### Multitenancy

Multitenancy enables displaying different customers within the system. This way, system providers are able to administer any number of tenants in completely separate parts of the system. With that individual services can be realized for companies on the energy market. The system can be operated very economically as maintenance is only required for one system instance. At the same time, you are able to balance the load and spread it on different tenants.

### Fully flexible

IDSpecto in principle is able to master any hardware in the field no matter how complex this field may be. As uniform processes are used for operation and administration in IDSpecto, new field technology and corresponding head-end software can be implemented almost without any training effort. Thus, you remain flexible at any time to choose whatever field technology you like. Of course IDSpecto.collector – the most commonly used automatic meter reading system within Europe – has been fully integrated. This way an easy-to-use and uniform interface is presented to the user even in case of heterogeneous measuring field technology.



### Your partner for metering systems

To support public utilities and energy companies and practically assist them with every task related to meter operation – this is our core business. For more than 40 years, we have been providing solutions and products designed for acquisition, transmission, processing and forwarding of data from control points independent of the medium and regardless of different device technologies. About 300 customers in Germany use IDSpecto.

You too can benefit from our many years of experience in the metering sector. We focus on the market and pursue its development with determination by aligning our product development accordingly. This way you will always be able to cope with latest requirements. Apart from that, we guarantee that a specific solution can not only be integrated smoothly into the existing system environment but also be enhanced flexibly.

We are completely aware that our systems are applied at a highly sensitive point within the process chain of energy generation and energy supply that is data acquisition and data communication. This is why we place the greatest emphasis on data being provided reliably and in due time.