DIEHL
Metering

Impact of General Data Protection Regulation on Smart Metering.

smart in solutions

smart in solutions

GENERAL DATA PROTECTION REGULATION – ARE YOU READY?

Diehl Metering is your trusted partner in meeting the challenges together.

In May 2018, after a two-year transition phase, the EU General Data Protection Regulation (GDPR) has come into force. It forms the data protection framework for companies and authorities within the European Union. The focus of the EU Regulation is upon the basic right to privacy of European citizens as well as the associated protection of personal data and removing trade barriers formed by different data protection regimes. The GDPR defines basic principles that shall be taken into consideration when processing this data.

What does GDPR mean for smart metering?

According to the International Conference of Data Protection and Privacy Commissioners, data collected by smart meters is classified as personal data. Therefore, you need a smart metering solution that will enable you to process personal and consumption data in accordance with the GDPR.

The objectives set out in the GDPR aim to protect consumers against any harm that may be caused by unauthorised use of their data. This means processing of personal data requires a legitimate purpose to do so. Aspects such as volume of data, type of use, storage, deletion and transparency for the consumer all play an important part.

If you process your customers' meter data, you are responsible that the metering solution is used in accordance with the requirements of the GDPR. This also includes documentation, training of employees and establishment of data protection governance.

Of course, we at Diehl Metering are not going to leave you in the lurch here – we are, after all, your trusted partner.

DIEHL METERING SUPPORTS YOU IN FULFILLING GDPR REQUIREMENTS.

Diehl Metering products and services are highly flexible. Data collection and processing can be tailored exactly in accordance with your legitimate business requirements, while complying with GDPR regulations.

What can we offer you at Diehl Metering?
We can provide you with relevant security features in our products as well as technical support in order to make your Diehl Metering system GDPR conform.

Key system features to protect your data
Diehl Metering offers you a wide range of configuration options to help you to meet GDPR requirements:

- Thus you have the option of using customer-specific encryption keys (so-called utility keys) or individual encryption keys in each meter for Diehl Metering devices such as HYDRUS, SHARKY and also for our meters equipped with IZAR RADIO modules.
- Data transmission from meters to the system is encrypted in accordance with state-of-the-art encryption modes defined in european standards for metering. No keys will be stored in the field and the data will not be decrypted until the back-end system.
- We pass the keys on to our customer in a double-secured way. This ensures that the keys cannot fall into the wrong hands.
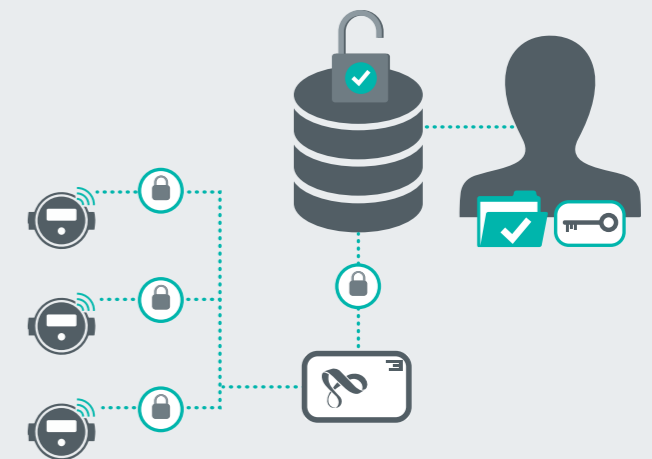
Different roles to design your internal processes
Our IZAR software offers you various role-based access rights in order to create your own internal data protection processes. Thus you can allocate specific access rights to each user. By allocating user roles, you can determine which employees can see and process which data in the system. IZAR PLUS Portal is the web-based application of Diehl Metering´s Meter Data Management software running as a service on an ISO 27001 certified high security data center in Germany.
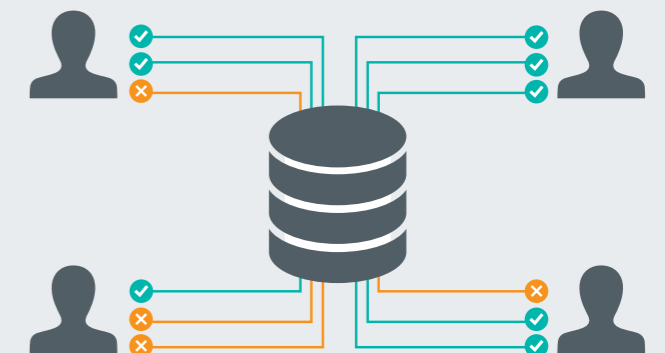
Technical support to evaluate potential use cases
In a personal discussion, we can demonstrate ideas for possible application scenarios of our solutions and support you in the useful configuration of our products. We can also provide you with the technical aspects of our products and solutions so that your data protection officer can effectively evaluate potential use cases.

Meeting the requirements of the GDPR is a shared responsibility – Diehl Metering is your trusted partner.