



KMD Elements

Next generation IT solution built for handling increasingly complex time series data streams and simplifying the settlement process for the energy and utility market.



KMD plays a significant role in digitalizing the Danish energy and utility market

KMD has a rich history of digitizing the Danish energy sector for more than 35 years. KMD led the way in the development of digital meter data management and settlement solutions for the energy and utility markets. We have played a humble but important role in Denmark becoming a digital powerhouse in the energy sector. Today, our solutions are used by multi-utility firms, distribution system operators (DSO), suppliers and transmission system operator (TSO).

Our systems handle millions of transactions annually from meter reading to energy visualization and to payments. We continue to have a tight focus on making it even simpler, more intuitive for our customers to handle back office processes such as billing and settlements. This has made KMD a trusted partner to more than 180 customers within the energy sector and our ambition is to turn a complex reality into simple, intuitive and customer-oriented solutions which can ensure a greener tomorrow.



+35

Years of experience within the energy sector



+80

Engaged people with excellent know-how



+180

Customers within the energy sector

KMD Elements

- _ Can serve international markets in terms of time zones, language and currency
- _ Innovation in shape of agile readiness and automation
- _ Decision supportive by being process oriented and intuitive
- _ 100% cloud solution which makes it flexible and adjustable
- _ Scalable
- _ High quality of settlement data
- _ SaaS – delivered as Software as a Service – module-built solution
- _ Lowering operational expenses on the advanced settlements based on escalating amounts of time series data

Ready for IoT revolution?

IoT revolution is transforming the way we produce, transport, transform and utilize the energy IoT connected energy assets produce vast amount of time series data. This opens new avenues for utility firms to optimize the energy assets and create newer offerings such as advanced hourly based pricing models.

In order to address this market need for handling of time series data from across the energy and utility assets, we have developed our next generation settlement solution “KMD Elements”, building on our extensive knowledge and deep market presence within the settlement solutions.

KMD Elements, building on Microsoft Azure, is a cloud-based, module-built settlement solution which facilitates simple to highly complex formula-based settlements on time series.

KMD Elements validates, stores and provides all inputs for settlement and at the same time keeps a smooth communication between the various market players. KMD Elements is built for the energy market to serve all players in the market handling advanced formula-based settlement covering:

- _ Power plants
- _ Wind turbines
- _ Hydro power plants
- _ Solar power cells
- _ District heating
- _ Gas
- _ Other decentral production units with production time series

KMD Elements is built on Microsoft Azure technology which carries the benefits of cloud services and the flexibility to build the software in modules which can be managed and customized for specific needs.

The design of KMD Elements is simple and intuitive which provides easy on-boarding to the system and shortens the implementation phase.

KMD Elements is delivered as a SaaS solution bringing the advantage of offering a flexible, highly scalable and cost-efficient delivery of software to a wide array of users.

KMD Elements aims to bring the newest and cutting edge IT solutions enabling the energy industry to further develop and innovate based on the transparent communication exchange and advanced validation.

**Are you interested in hearing more about how your organization
can benefit from KMD Elements?**

Please contact:

Tine Anneberg

Client Executive

+45 2325 5097

tae@kmd.dk

Carl-Erik Vesterager

Vice President

KMD Energy & Utility

+45 2566 5909

cev@kmd.dk



© KMD A/S 2019
Lautrupparken 40-42
2750 Ballerup
Tlf. 4460 1000
www.kmd.dk