



**FERRANTI**

MECOMS 365

# Software built for **Grid operators**

Ready for the big data challenge?  
Optimise support for processing and validating large volumes of data. Keep your grid in perfect shape by combining insights in your digital meter data and process workflows while using the power of the cloud to communicate with other market operators in a timely fashion.

# Are you able to manage your grid stability?

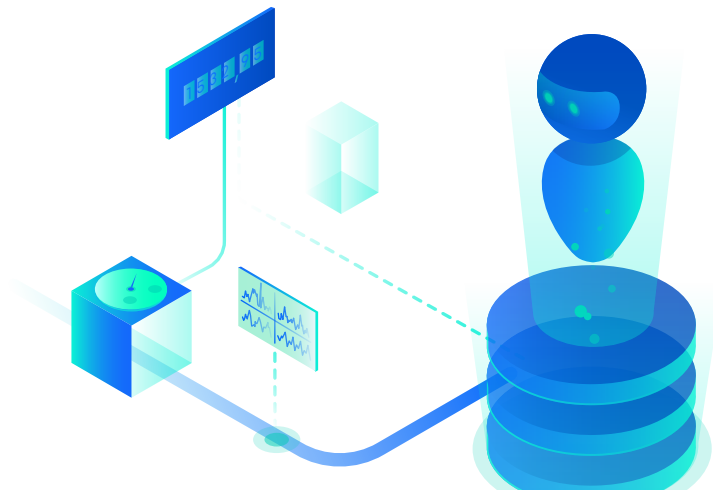
In today's world, a lot of challenges are arising for grid operators. Think of the electrification of our world, where heat pumps, electric vehicles and the move from fossil fuel to **renewables are becoming more dominant**. Also, the scale of data is becoming more prominent thanks to the **introduction of smart meters and IOT**. In addition, the transition to a net-zero economy is well underway and will require highly flexible solutions.

These are important challenges that also have a bearing on your day-to-day processes running behind the scenes. We get that, that's why **MECOMS 365 can be your loyal companion in facilitating these changes**.

What's in it for you?

# Fully automated meter data management

MECOMS 365 supports your **end-to-end processes for metering data**. Metering data is merely an input for processes down the line, whether they concern billing, analysis, redistribution or others. Incoming raw meter data gets calculated and validated following your **requirements**, whether they are part of a local energy community, complex infeed head points, industrial sites or domestic meters. Our processes are designed in such a way that you only need to look at anomalies and that you can rely on automated processing to take care of everything else.





What's in it for you?

# Insight in process anomalies

The process anomalies we encounter during the process will indicate that something is wrong. Some examples include: the communications module is malfunctioning, a leak is detected, the meter is broken or tampered with, etc. **Process anomalies** are presented to your team in **clear work lists**, so they can be treated efficiently.



What's in it for you?

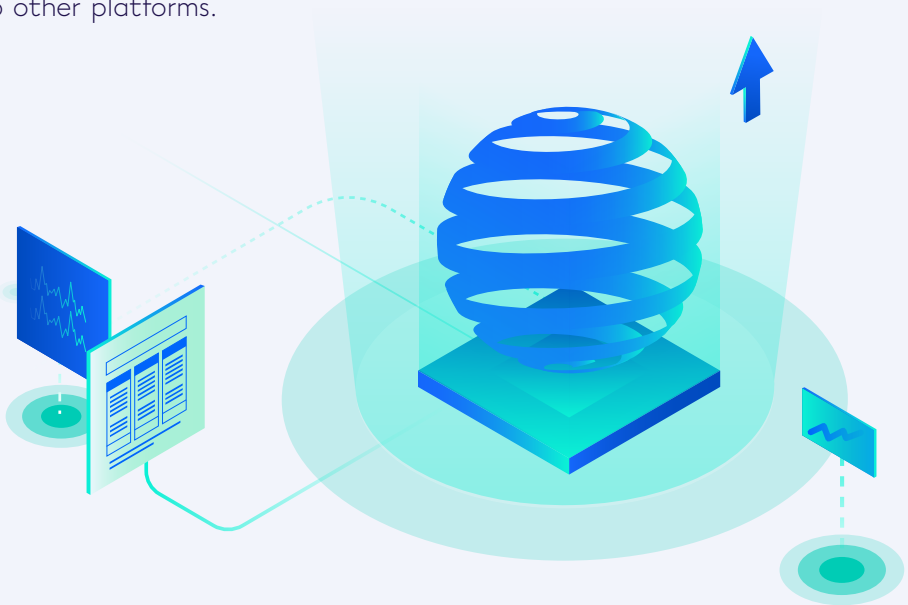
# Rich validation, estimation, and editing routines (VEE)

MECOMS 365 offers you a rich and configurable framework with validation and estimation logic. This helps you to tweak the rules of the system. **User-friendly screens with advanced functionality** help you edit data when you want to correct any anomalies.

What's in it for you?

# Getting the right performance in a flexible way

MECOMS MDM runs on Azure cloud with all the benefits you would expect, such as flexibility in performance, automated disaster recovery, increased security and seamless connectivity to other platforms.



What's in it for you?

# Business driven process workflow and integration

As many grid operators need to connect to a market hub or other market parties using defined market flows, MECOMS 365 offers its process workflow management the ideal solution for long-running and persistent flows. The processes are visualised to allow for easy detection of mismatches in the communication.



Software built for Grid operators



# Highlighted MECOMS 365 solutions and capabilities for grid operators

Most of the solutions highlighted below have been **implemented with existing customers**. As there are many options within the platform, we are happy to have a conversation to see what **other capabilities might suit you**.

# Meter Data Management



## Smart Metering Management

The MDM module provides you a two-way communication with smart meters and is able to process large volumes of smart metering data.



## Meter Reading Management

Read efficiently all the meter data you obtain and discover optimisations thanks to the data stream of periodic meters.



## Meter Information Management

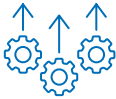
Meter Information Management allows you to store all information about the metering device itself.



## Validation and Calculation

Your meter readings that are received via various channels can be stored and validated in MECOMS 365.

# Integration & orchestration



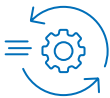
## Integrate

The MECOMS 365 platform empowers business owners to easily integrate their increasingly diversified systems and applications across on-premises, cloud, and hybrid environments, enabling them to rapidly adapt to changing business needs and centralized all their integrations points in one flexible platform.



## Orchestrate

With our robust platform, businesses can confidently manage their end-to-end processes with ease, eliminate manual errors, and automate all business workflows as complex as they might be.



## Automate

Process automation is a key aspect for any enterprise to scale up and optimize operations. The MECOMS 365 platform gives all the necessary capabilities to automate any use cases around the organization and have it easily integrated with the other business applications.

# Field Service



## Planned Maintenance

The platform offers you full flexibility in defining maintenance schedules for preventive maintenance.



## Asset Management

Utilities Asset Management supports you by providing an overview of all work orders, regardless whether they are customer-facing or internal.



## Operations Management

Operations management makes sure that your work in the field runs smoothly.



## Work Order Management

Work order management, provides you accurate information about all relevant work and tasks.



## Low-Code PowerApps

With the low-code power apps, you can create applications that streamline your processes, increase your efficiency, and automate manual tasks.

MECOMS 365 software for  
grid operators.

# Discover the power of MECOMS 365 for your industry

Wondering how MECOMS 365 can strengthen your operations? Our experts are happy to listen to your story and needs!



### Secure And Reliable

With a cloud first strategy, we offer you a secure environment to store all your data. As it is managed and hosted in Microsoft Azure technology, the MECOMS 365 platform meets the highest ISO standards.



### Increase Productivity

Take full advantage of the cloud, by adding various services to your platform for increased productivity and ultimate ease of use.



### Scalable

As MECOMS 365 is cloud-based, the platform can grow along with your company. This means that, over time, your costs grow in line with your business.



### Automate Processes

The MECOMS Enterprise Extensibility Platform (MEEP) offers you the possibility to automate your business processes.



**FERRANTI**

Romeynsweel 7  
B-2030 Antwerpen  
Belgium

T: +32 3 540 49 11  
E: [info@ferranti.be](mailto:info@ferranti.be)