



# Onesait Metering

Managing all your smart meter's data lifecycle

[minsait.com](https://minsait.com)

 **MINSAIT**



# Smart Metering for your business purpose

## Metering is not just a meter to cash process

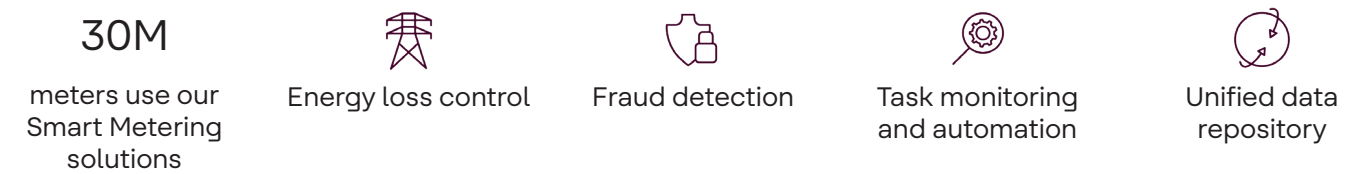
The energy sector is evolving rapidly, with growing demands for **efficiency, sustainability, and regulatory compliance**. Utility companies face significant challenges, including **rising energy consumption, grid modernization requirements, and the need for real-time monitoring** to ensure reliable service.

Traditional metering systems often struggle with **scalability, security, and interoperability**, leading to inefficiencies in **data management, increased operational costs, and revenue losses from energy theft or inaccurate billing**.

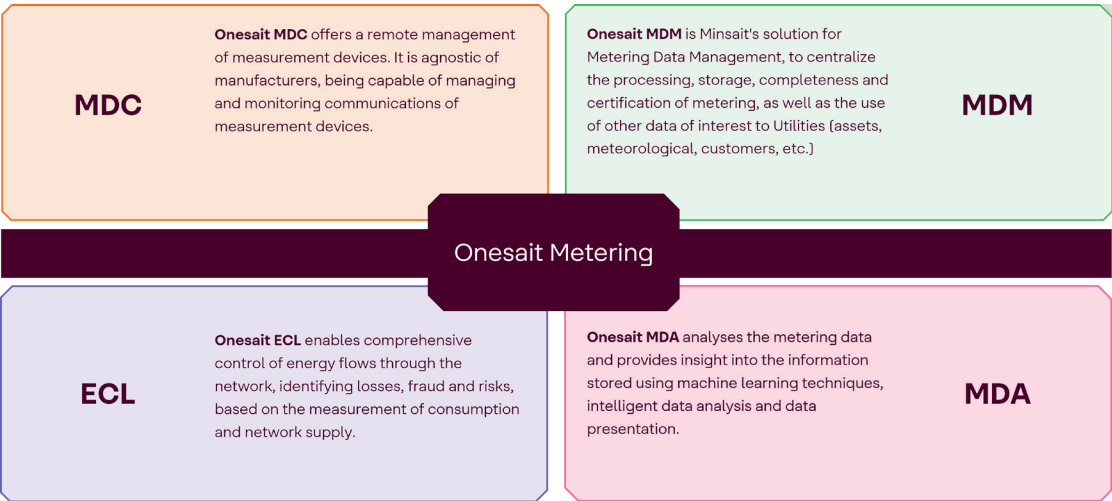
### Monitor Energy consumption to achieve carbon neutrality

Onesait Metering has more than **25 years of experience**. It is deployed globally, supporting more than **30 million meters in production**.

Onesait Metering Practice is composed of a **pool of people, deep experience and accumulated knowledge with the capacity to address any metering challenge**. It is based in three main pillars, including tailor-made projects, our own smart metering product and the contribution of value in specific consultancy processes



Since 2019, Onesait Metering has been part of **Gartner’s Market Guide** thanks to Minsait’s complete and comprehensive solution and its demonstrated, market-based capabilities for an **integrated measurement data management solution**. **Onesait Metering** is part of the list of 18 providers with **prestigious solutions worldwide**.

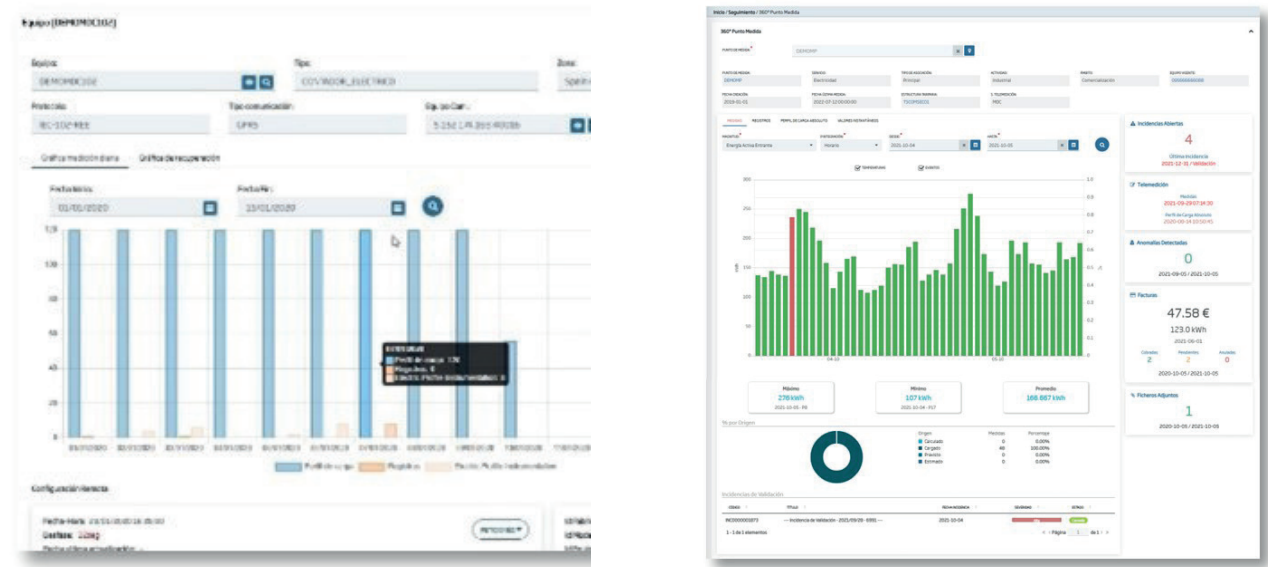


## An end to end service ready to the new challenges

At Minsait’s **Onesait Metering**, we offer a comprehensive **end-to-end service** designed to meet the new challenges of the energy market. We support **compliance with government regulations** related to the digitalization of grids, contribute to **real-time monitoring** of utility systems, help **reduce blackouts and system failures**, and ensure the **maintenance and integrity of smart meters** and their associated data.

### Support Smart Metering common features

- Security:** restriction of access to different functionalities and different elements
- Traceability:** All operations and updates performed by users or the system are audited and can be consulted
- Inventory:** Both communication and measurement assets
- Scalability:** The solutions are scalable, allowing implementations regardless of the size of the company
- Interoperability:** Wide range of meter protocols and communication standards between systems
- Modularity:** Independent functions allowing docking and undocking
- Integration:** Integration with other Indra solutions or other third-party systems
- Alarms:** Different levels (critical, error, informative)
- Automation:** Every executable action in the solutions can be programmed to minimize user intervention



# Metering is not just a meter to cash process

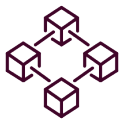
Onesait Metering is a game-changer for utility companies. It begins with the capture of meter data, offering remote management of measurement devices. Our solution is manufacturer-agnostic, capable of managing and monitoring communications from smart meters of various brands.

Once the data is captured, it moves to the meter data management phase. Here, the system centralizes the processing, storage, completeness, and certification of the metering data. It also integrates other valuable data, such as information about assets, meteorological conditions, and customer details, providing a comprehensive view for utilities.

Finally, the system enables comprehensive control of energy flows through the network. It identifies losses, fraud, and risks by measuring network consumption and supply. This feature ensures that utilities can maintain the integrity of their energy distribution, minimizing losses and enhancing efficiency.

The real magic happens in the meter data analytics stage. The system analyzes the metering data, uncovering insights through machine learning techniques and intelligent data analysis. It presents this information in a way that is easy to understand and actionable, helping utilities make informed decisions.

## Onesait Metering in the AMI Ecosystem

| <br>Multiple Topologies                                                  | <br>Meter Data Capture                                                                                                                                                                                 | <br>Meter Data Management                                                                                                                                                                                                                                                                  | <br>Integration with 3rd party systems                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Independent of communications infrastructure</li><li>Adapting to multiple geographic and urban conditions</li></ul> | <ul style="list-style-type: none"><li>Multimanufacturer</li><li>Multiprotocol</li><li>Multichannel</li><li>Any interval</li><li>Testing deployment</li><li>Scalable architecture</li><li>Call management</li><li>Automatic</li><li>3rd Party MDC</li><li>Equipment management</li></ul> | <ul style="list-style-type: none"><li>Multiple Sources</li><li>+20 Standard validations and estimations</li><li>Billing Determents</li><li>Data aggretation</li><li>Timeseries</li><li>Traceability</li><li>TOU</li><li>Web Portal</li><li>Security Infrastructure Management</li><li>Alarms</li><li>Fraud detection</li><li>Events Management</li><li>Prepayment</li></ul> | <ul style="list-style-type: none"><li>Integrations monitor and control</li><li>Sending Billing registers for billing purposes</li><li>Billing system</li><li>GIS</li><li>SCADA/ADMS</li><li>Etc...</li></ul> |

Energy Control Losses and Meter Data Analytics for the exploitation of data and the generation of added value from measurements

# Strategic advantage for a smart utility infrastructure

Onesait Metering offers an advanced, end-to-end solution designed to optimize the performance, security, and efficiency of utility metering systems. By seamlessly integrating with existing infrastructure and supporting a wide range of devices and protocols, Onesait Metering delivers a scalable and intelligent platform that addresses both technical and operational challenges. The following outlines the key benefits enabled by the Onesait Metering solution:

- 
  - Higher-than-expected read level for **high scalability**
  - Avoided cost of security breaches** higher than expected
  - Control of **technical and non-technical losses**
  - Better operational process and reduction of OPEX
- 
  - Network reliability improvement:** Management of overload alarms prior to issuing load control commands [power reduction] from MDM
  - Reduce power outages**
  - Controlling electricity theft**
  - Increase the success rate in **recovery and operations on field equipment**
- 
  - Improving **billing and payment** processes
  - Enhancing bill collection**
  - Providing **high-quality services to consumers**
- 
  - Unique inventory management** with multitude equipment types (>10) and models (>1000): Meters, DCU, RTUS, SAL, Router, Modem, etc.
  - Different protocols management** STG-DC / DLMS (1-n) and IEC 102 (1-1)
- 
  - Complete integration with third party systems:** from different distributors [13 integrated systems]
  - Simplification of the company's system maps**



# Tech for impact

We connect talent,  
technology and  
businesses to generate  
positive and sustainable  
growth and impact.

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