onesait metering
utilities

Turn your data into insights to suit your business needs

Meter Data Analytics, an analytics platform oriented to massive operation of meter data, supporting a vast array of analytics functions like demand forecasting, anomalous usage patterns and demand management.
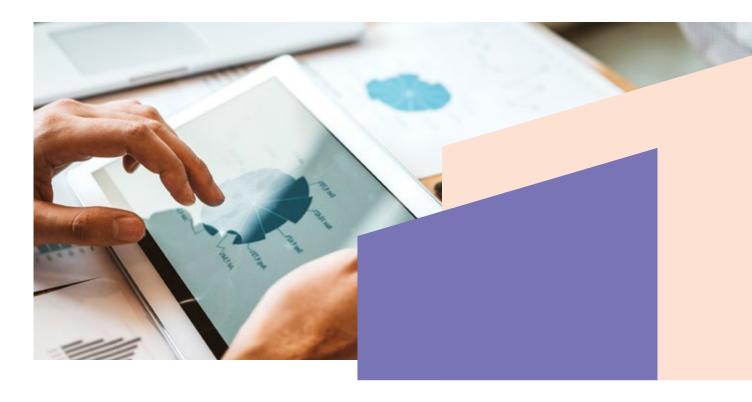
1. Data Acquisition

Retrieve your data from different external systems in order to analyze and process different data sets.

2. Data Exploitation

Process and share your data effectively with an easy-to-use interface and shareable reports.

3. Opportunities Identification

Make your data work for you by optimizing your business processes and daily operations performance.

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Functionalities

Monitoring
MDA provides many ways to visualize your data to suit your business needs. MDA also provides easy access to data review making Utilities able to get a deeper understanding of their customers in order to drive results and optimize usages.

Demand Forecasting
MDA allows Utilities to understand how customers are using their energy (electricity, gas, water...) by using MDA's machine learning capabilities from easily discover new insights form the retrieved data. This analytics tool makes data exploitation simple while inferring, between others, future business needs to be covered with its forecasting processes.

Characterization
MDA allows Utilities to identify energy usage characteristics, such as gaps or recognize patterns, over diverse time-periods (monthly, daily, hourly, etc.). MDA also allows Utilities to comprehensively control energy flows across all the distribution network, analyzing customer behavior based on historical data and other external variables.

Outlier Identification
MDA is able to identify consumption habits of energy end-users by identifying outliers and dates where consumptions differs from usual energy usage.

Main Features

Reporting
MDA allows Utilities to quickly analyze data encouraging collaboration due to its easy-to-use interface and shareable reports, achieving smarter business decisions based on analytics results. MDA can help Utilities to predict users energy usages and anticipate future needs.

Flexibility
MDA meets any business need, being able to perform a wide variety of data comparisons, as well as managing different data kinds, beyond consumption records.

Scalability
Great scalability that allows Utilities to manage, exploit and export data with both proprietary and external platforms. OUM MDA offers a non-intrusive configuration as the only requirement for users is to have a web browser (Chrome, Firefox, Edge or Explorer) on the computer.

Automation
MDA provides centralized management of business processes as well as enhanced efficiency and performance of daily operations by automating processes.

Relevant KPIs

- % deviation on typical consumer's consumption pattern

- Positive Irregular consumption candidates

- Monthly consumption increase

- % Gaps

- Average Consumption

- % Error on consumption patterns

- Maximum Consumption/ demand

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An Indra company