Onesait Intelligence

Generating value through data

What is Onesait Intelligence?

Open Business Intelligence and Analytics platform for the **detection of business events** and **strategic decision making** through the value chain of companies
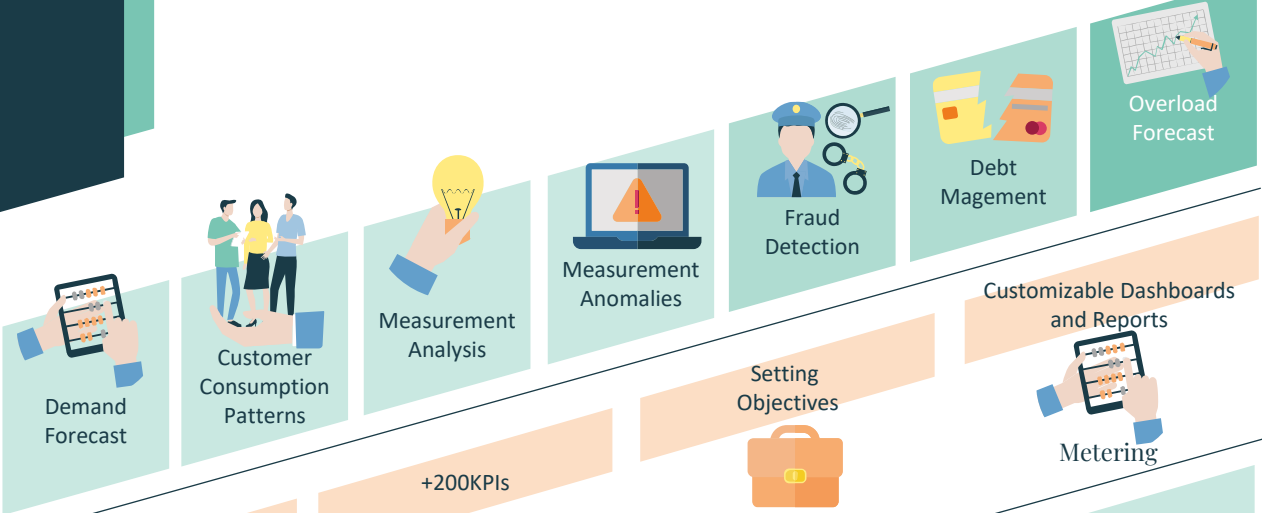
- **Generation of value** from different heterogeneous sources through information models.

- **Free access to the data by the user**

- **Integrable** with third-party presentation solutions

- **Scalable architecture**, based on open standards.
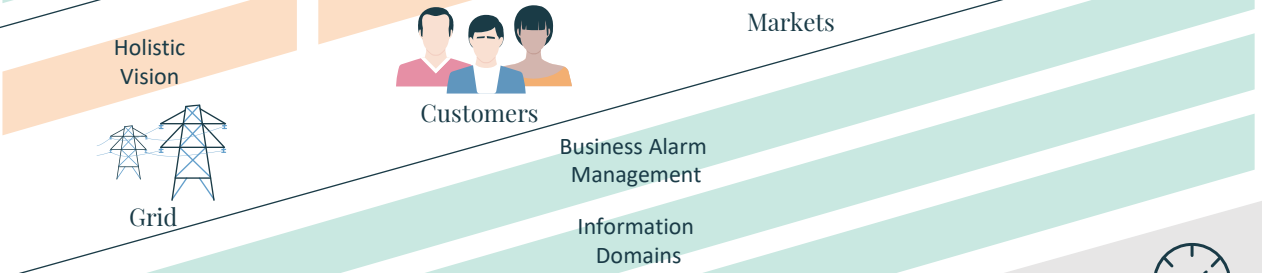
- Incorporates **advanced ML/AI use cases.**

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Onesait Intelligence

Solution Map

c Analytics Intelligence — Specialized use cases

- Demand Forecast
- Customer Consumption Patterns
- Measurement Analysis
- Measurement Anomalies
- Fraud Detection
- Debt Magement
- Overload Forecast
- Customizable Dashboards and Reports
- Setting Objectives
- Metering
- +200KPIs
- Holistic Vision
- Customers
- Markets

External Sources
- Weather Forecast

b Process Intelligence — Business Intelligence

- Grid
- Business Alarm Management
- Information Domains
- Ingest and Processing

a Data Intelligence

Solutions (Minsait or third parties)

- Datalake
- Grid Management
- Customer Management
- Smart Metering
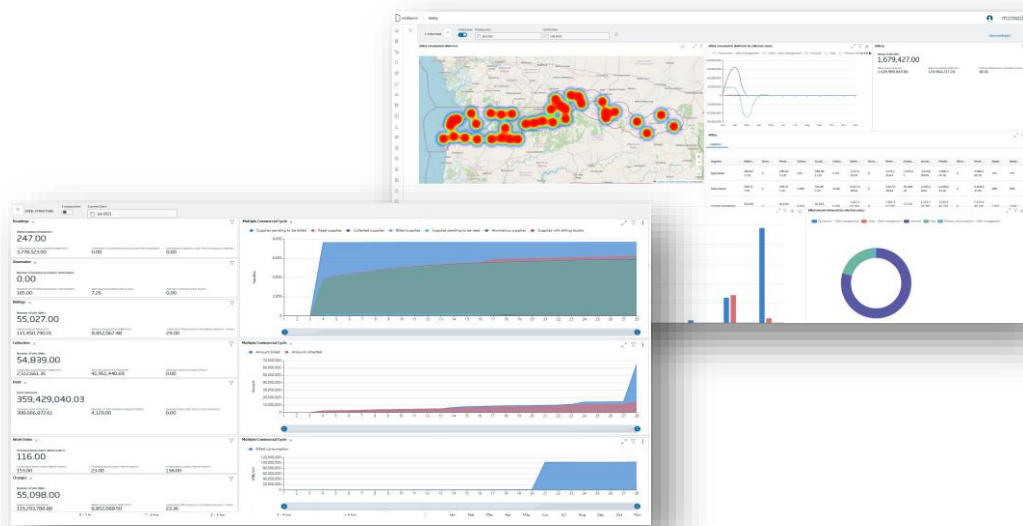- Power Generation & Trading

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Process Intelligence

Process Intelligence facilitates decision making, providing deep insight into business performance, exploiting data intelligently and automatically.

Objectives

1 **Be an accelerator** of analytical and business intelligence tools offering consolidated data models and KPIs.

2 **Setting business targets and alarms** and identification of when and where deviations occur.

3 Obtain a **unique datalake** on Big Data platform, with **+20 information areas and +200 KPIs ready to exploit.**

4 Analyze the evolution **of key performance indicators** over time and geography, with the possibility of **customizing KPIs, reports, graphs and dashboards.**

Components

Grid   Metering   Customers   Markets

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Analytics Intelligence

Analytics Intelligence offers advanced analytical capacity for data analysis and facilitate the obtaining of applicable knowledge (actionable Insights).
Using **Data Discovery and advanced analytics capabilities** on which **Data Science, ML and AI techniques** are applied, it transforms the way utilities interact with data and make decisions.

Forecast
Forecasting key demand indicators and their deviation
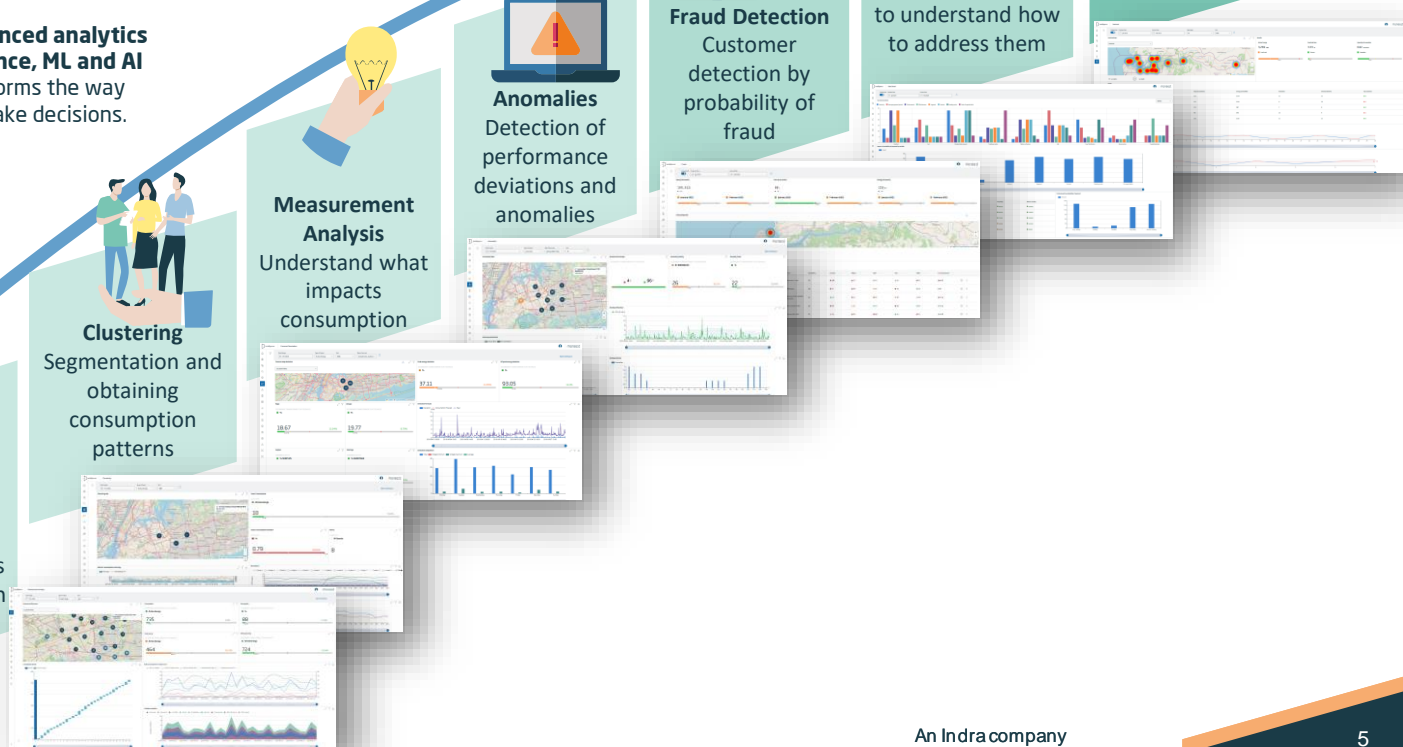
Clustering
Segmentation and obtaining consumption patterns

Measurement Analysis
Understand what impacts consumption

Anomalies
Detection of performance deviations and anomalies

Fraud Detection
Customer detection by probability of fraud

Debt Management
Location and analysis of defaults to understand how to address them

Overload Forecast
Anticipate situations of risk for assets and service

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Mark Making the way forward

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