

Onesait Grid

EAM

Expanding horizons beyond
GIS and ERP



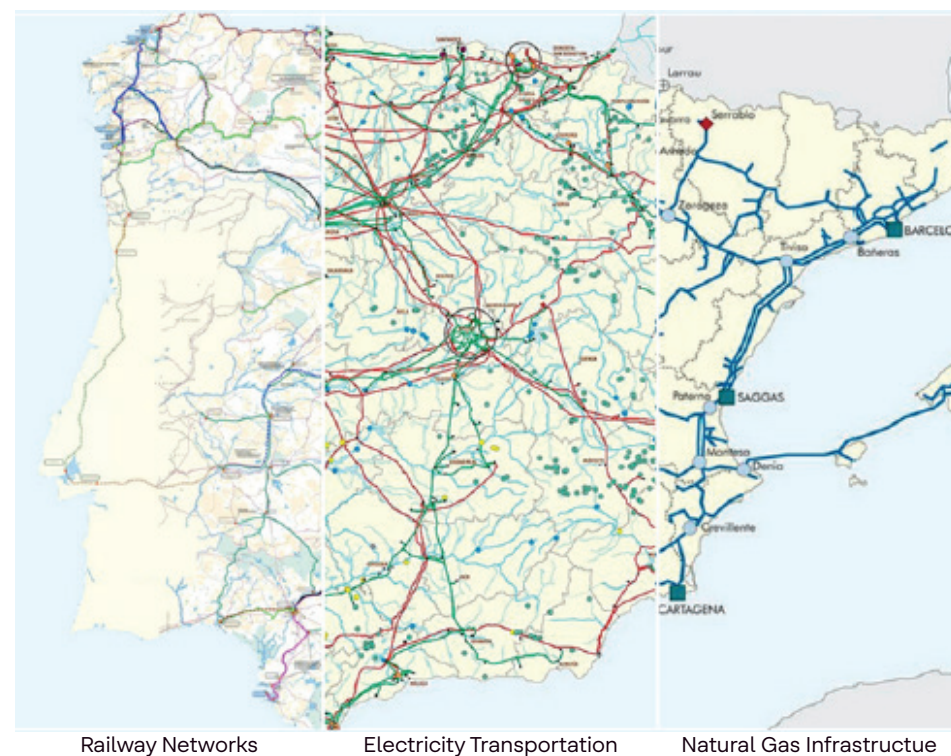
The challenge of digitalization in complex networks...

With the main objective of mitigating the effects of climate change and ensuring the quality of supply, the energy industry is undergoing a radical transformation; an energy transition in which new needs and players are emerging.

The lessons learned from this transformation make it clear that the process of digitizing a company is a fundamental part of any path to improving the productivity, costs and sustainability of any company with distributed networks.

Grid EAM was created with the objective of centralizing the management of the asset and all its information in a complete digital model that allows synergies in all stages of the asset's life cycle.

End-2-End solution for distributed asset management



One of the main current problems is that digitization processes are performed in isolation, with multiple systems for each of the phases of the asset's life cycle, and with multiple masters of the data depending on its physical or accounting dimension that must be conciliated post-use.

Tracking the condition and performance of these assets can be a daunting task, leading to inefficiencies, unplanned downtime and increased costs.

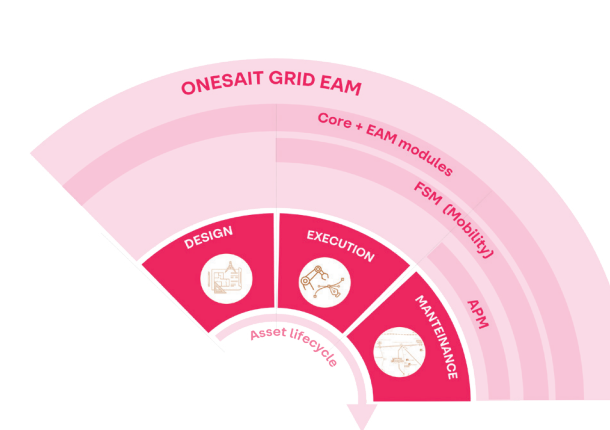
Complete solution for distributed asset management

Guaranteeing a complete view of the asset forever and for everyone...

Covers the complete lifecycle

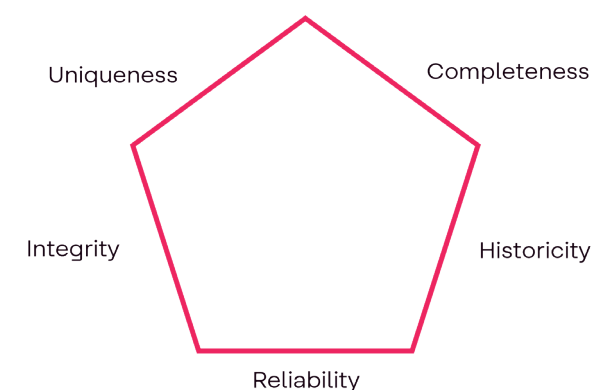
The asset is born and its representation evolves during the asset's life cycle.

Within the onesait grid philosophy, the asset is characterized with a single digital model for all stages of the asset lifecycle.



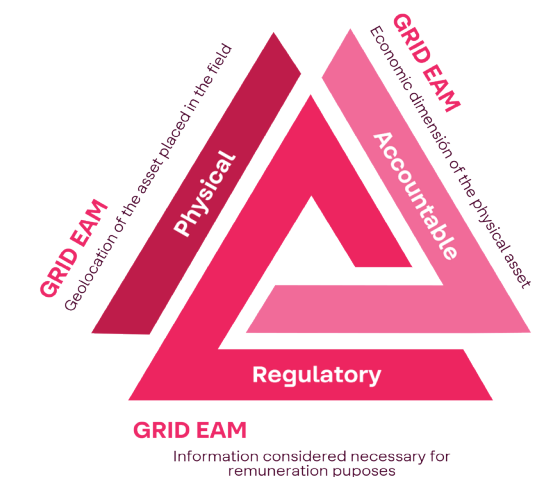
Information Control

Data master governance as a process must ensure that the information maintains the 3 dimensions of quality and 2 of completeness from its entry into the DB and throughout the asset's life cycle.



Unified view of assets

GRID EAM was created with the aim of centralizing all the asset information in a complete digital model created and used by all its agents, allowing synergies in all stages of the asset's life cycle.



Asset Performance & Efficiency

With APM, monitor and supervise your assets, to maximize your business outcomes by improving reliability and availability and reducing O&M costs

APM supports the entire value chain in Utilities, from Generation to Distribution...

APM allows optimizing Life Cycle Cost (LCC) by re-defining maintenance plans and prioritizing investment decisions

APM allows to integrate information from any area of the business, with the ability to connect in real time with different sources of information through Industrial and IoT protocols.

Module based system focused on covering the complete **life cycle** of the asset



It manages all aspects related to the life cycle of different types of projects, from planning, design, execution and closure.



Control and monitoring of network digitization campaign processes, crew productivity, data quality and modeling.



In this module the focus is on the asset, its maintenance and correction and prevention works.



The fleet management module allows us to manage different aspects related to the company's fleet of vehicles.



Contracts, tenders, communication, tasks, visits, purchase orders, work control, payments, collections, budget, capacities and materials.



Generates and schedules report dispatches.



Mobility, dispatch and control of orders and their materials and services, field design.



Real Time Assets Inventory, Monitoring, Alarms...



Identify and manage all types of risks that may occur in your company.



Health indexes and risk matrix to maximize the Asset useful life and to improve the management along the Asset life cycle.



It allows you to generate quotations from a design in the graphic view and to edit or create them alphanumerically.



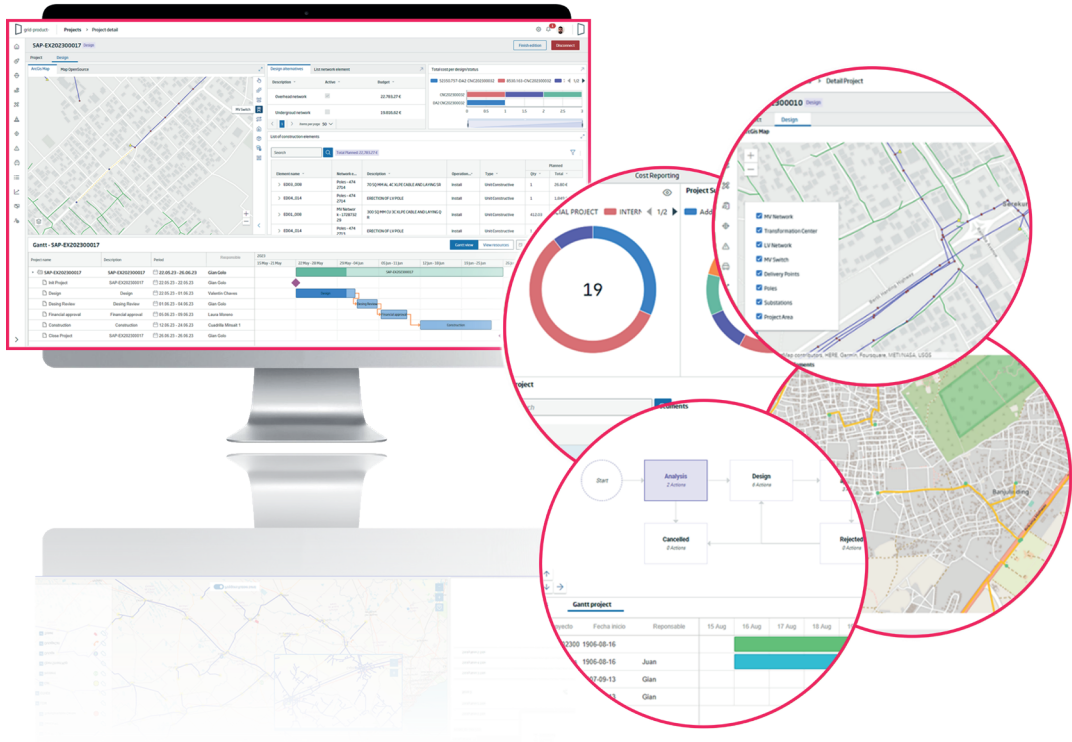
Empirical models trained with historical data to provide early warning of impending failures

 **Externalities:**
Own extensions and configurations for your company.



The enhancement of **linear assets**

-  **Design with different Alternatives** and maintain a version control throughout the life cycle of the asset.
-  **No network information duplication...** working directly from the GIS.
-  Direct integration with the company's **ERP**
-  **Decision making** based on electrical calculations.
-  **Present physical and accounting information in the best way** with different widgets, filters, thematic maps, etc.
-  **Complete integration with ESRI suite** providing a business layer over GIS. Direct **CRM** integration.



Tech for impact

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

Avda. de Bruselas, 35
28108 Alcobendas
Madrid, Spain
T +34 91 627 10 00
energy@minsait.com

minsait.com

