

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.

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.

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



Railway Networks

Electricity Transportation

Natural Gas Infrastructure

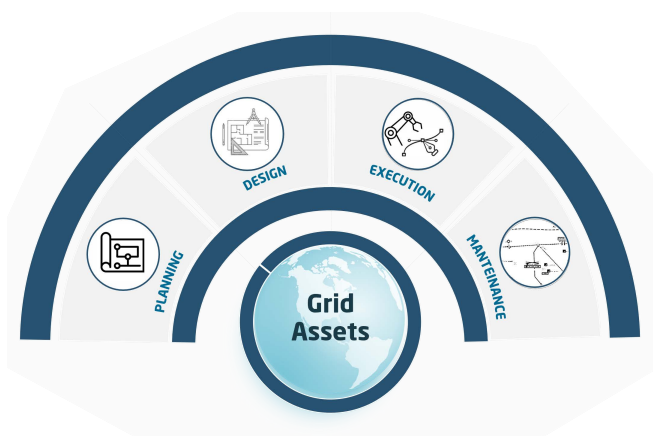
Complete solution for distributed asset management

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

Covers the complete lifecycle

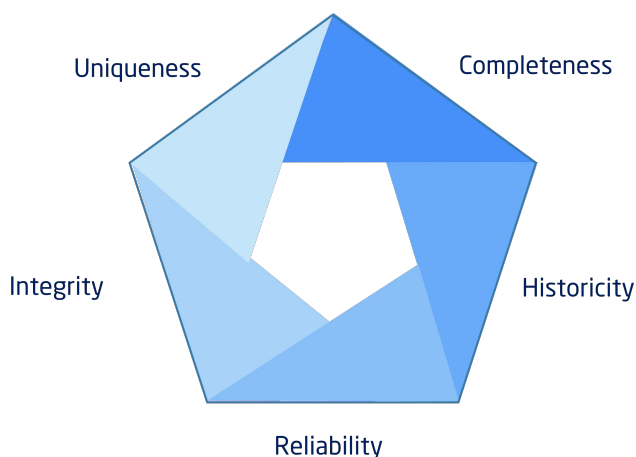
The asset is born and its representation evolves during the asset's life cycle.

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



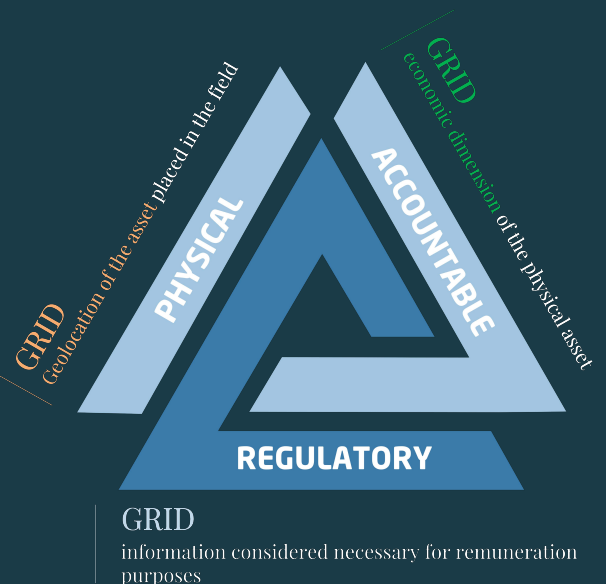
Information Control

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.



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



CORE:

Functionalities inside the core and the normalization module, which are common to the whole application.



PROJECTS:

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



DESIGN:

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



MAINTENANCE:

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



CAMPAIGNS:

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



CONTRACTORS:

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



FLEET MANAGEMENT:

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



MOBILITY:

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



REPORTING:

Generates and schedules report dispatches.



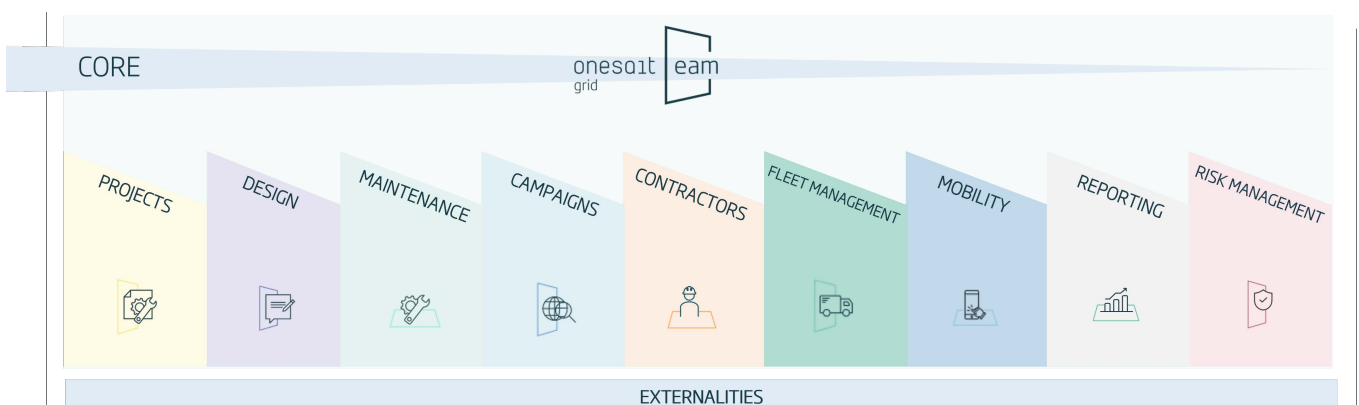
RISKS:

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



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**



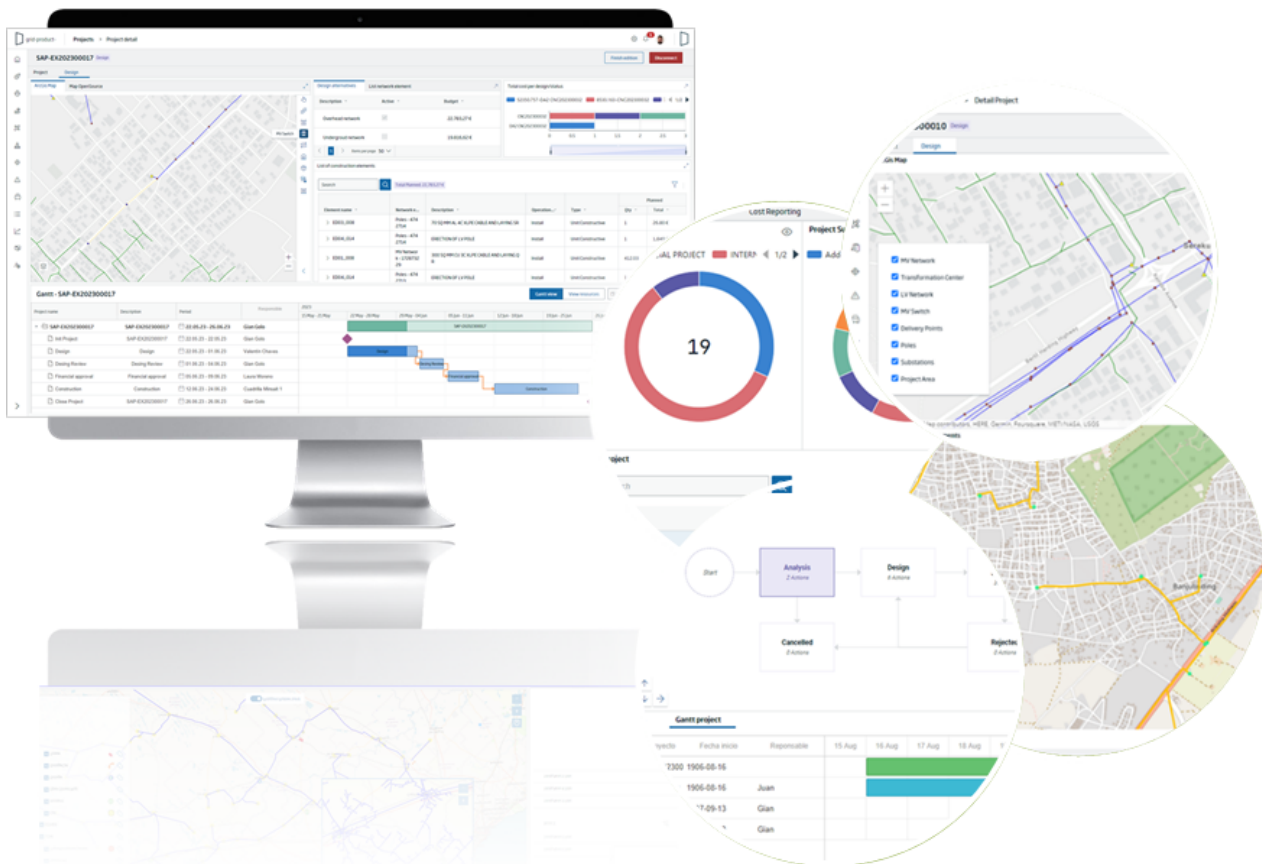
Decision making based on electrical calculations



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



Mark Making the way forward

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