

Onesait Grid SEC

Automated electrical solutions
in minutes



Starting from a more digitalized world...

The growing demand for supply requests and the regulation of the sector represent a challenge for utilities that see how the time available for the design of the electrical solution is becoming shorter and shorter.

Designing an electrical solution involves a complex process with multiple steps generally carried out manually and requiring technical, accounting, cartographic, electrical, etc. information.

Likewise, the documentation necessary to characterize said electrical solution includes the budget, maps with the graphic layout, technical characterization, list of conditions and services, etc.

These processes can take days and have a high cost of both own personnel and engineering.

Smart Engineering Center (SEC) was created with the purpose of automating the entire electrical solution process, obtaining results in minutes for processes that historically took days



37%

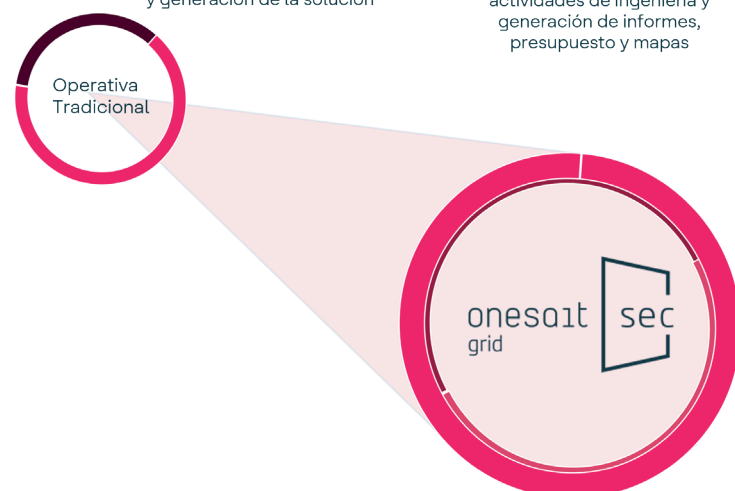
Actividades de ingeniería

63%

Recopilación de requerimientos y generación de la solución

SEC 100%

Automatización de las actividades de ingeniería y generación de informes, presupuesto y mapas



...automates new requests in minutes



E2E Coverage

It offers comprehensive End to End coverage under the automation paradigm of the construction engineering design process in all types by incorporating advanced electrical algorithm functions.

High impact automation

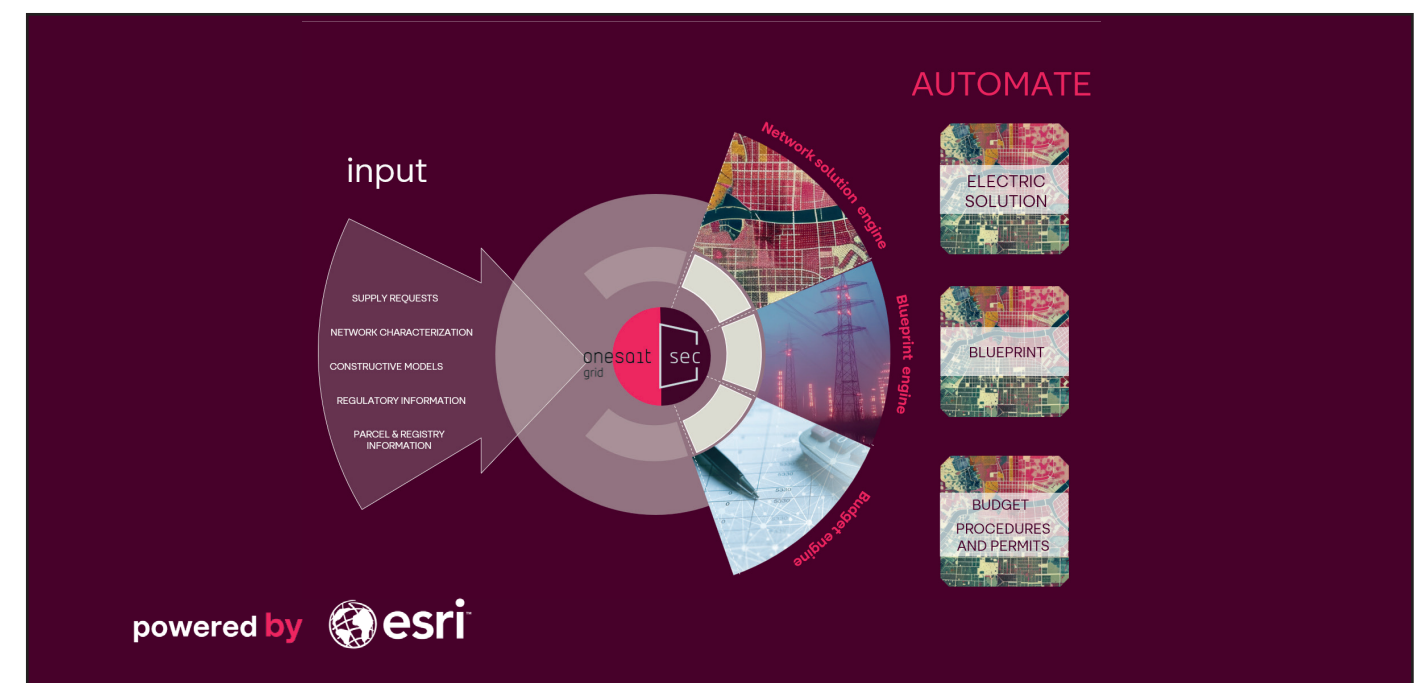
Complex automation process in Medium and Low Voltage network models that have already been successfully tested in massive network calculations in different utilities. Obtain significant economic returns in OPEX, generating benefits from the moment of its implementation.



"Industrialize" digitalization and automation

The automations will be centralized and not embedded within the systems map with the double objective of facilitating continuous improvement and capturing efficiencies.

All network solution, construction plan and budget information is generated in a matter of minutes to resolve the supply request.



Intelligent automation technology

Onesait Grid SEC is designed with three independent automation engines and a Dashboard that allows exhaustive control of the entire automation process.



NETWORK SOLUTION AUTOMATION ENGINE

With an automatic calculation of the optimal layout through a base cartography and costs per construction model



BUDGET AUTOMATION ENGINE

Through the interface with the ERP, the costs of the compatible Units designed are obtained and a complete budget for the work is generated.



CONSTRUCTION PLANE AUTOMATION ENGINE

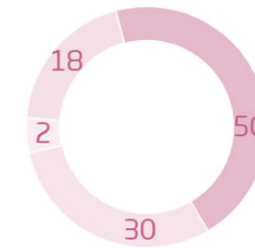
Generating maps, plans and all the necessary documentation with their corresponding templates. Includes the generation of procedures and permits with the list of organisms-conditions derived from the electrical solution proposed by the system.



powered by **esri**

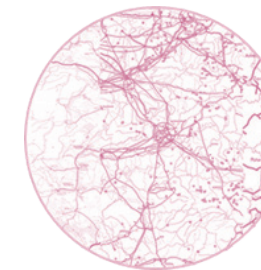
SEC leveraging the powerful capabilities of the Esri Utility Network suite providing automatic electrical design capabilities.

Comprehensive optimization of electrical solutions



▼ Time

- Automated processes that are adapted to optimize time and costs
- Integration with the client's systems
- Speeds results



▼ Costs

- Reduction in costs associated to the work and budgeting process
- Reduction in OPEX
- Increase in the company's profitability



▲ Quality

- Reduction in the risks associated with the works
- Reduces the number of incidents and the average time of completion
- Optimizes the operation and management of requests
- Increase in service quality

Impact from the beginning

Onesait Grid SEC responds to the increasingly high demand resulting from the energy transition

Cost reduction

The costs associated with the work process and budgeting are reduced, in turn reducing the OPEX

99% response time savings

Automation design of works

The construction design process is streamlined by minimizing design time

90% automatic designs

Improved quality

There is an increase in the quality of the service

75% savings on re-works

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

