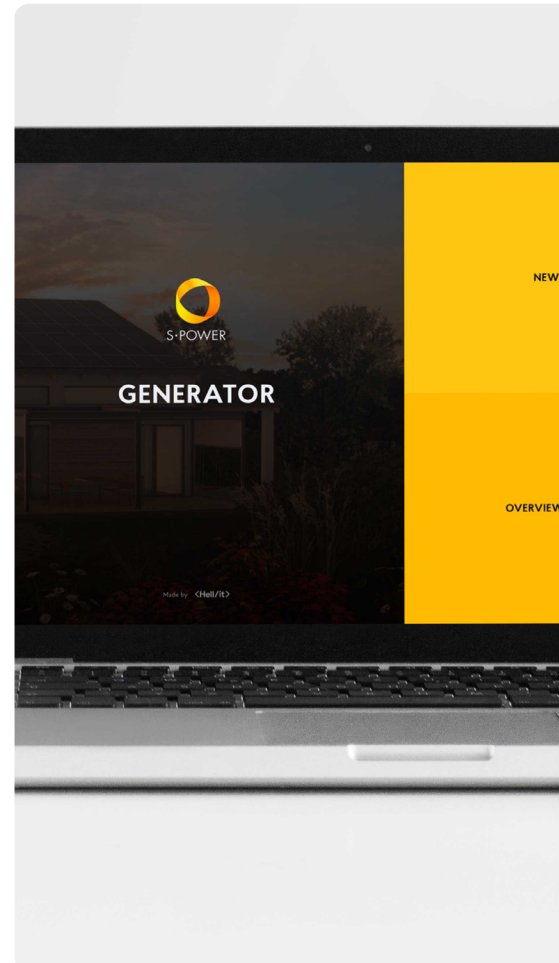


S-Power Energies

Automatization of the process of installing photovoltaic power plants from the back-office perspective

How to effectively increase the number of installations made without increasing the workload on back-office



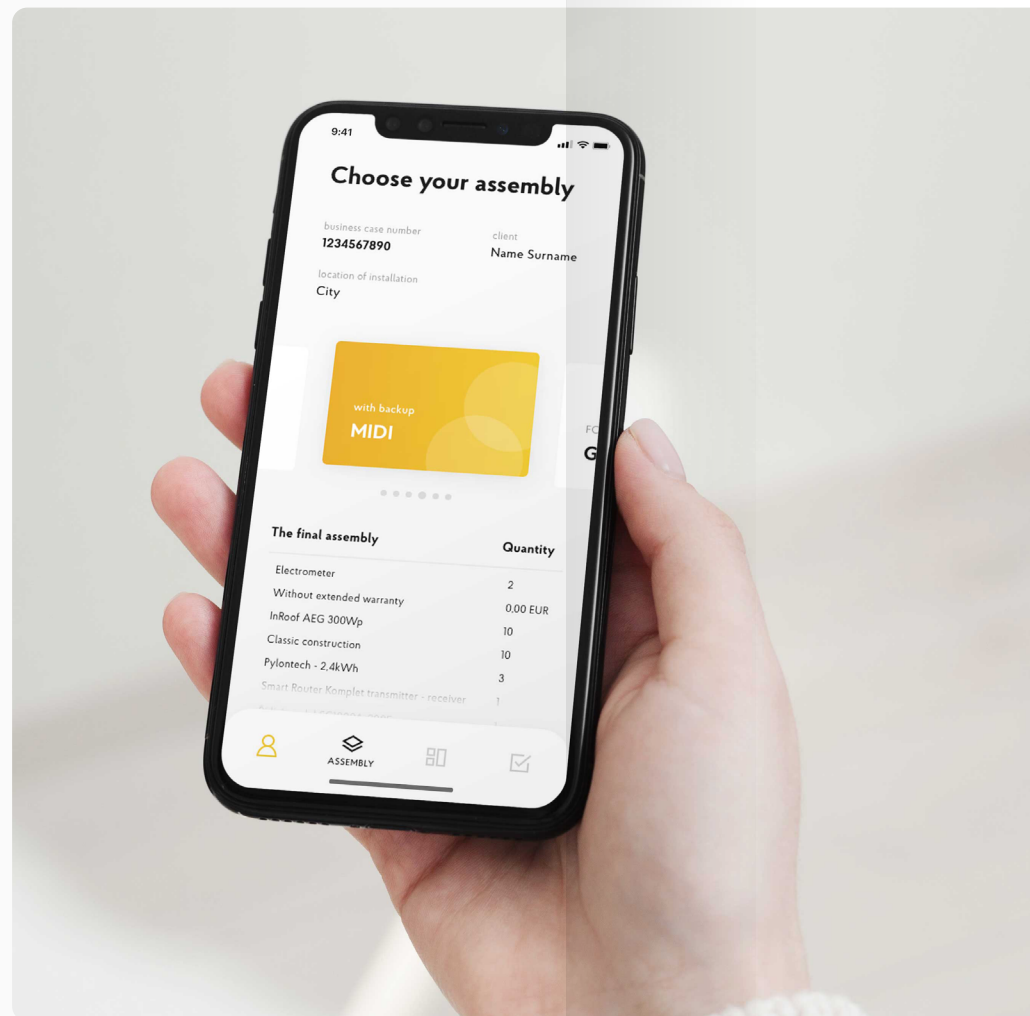
S-Power Energies

Field
Energy

Number of employees
100

S-Power Energies operates on the market since 2016, when it became a part of the ENERCON holding. Since then, it got thousands of satisfied customers in the Czech Republic and England as well.

It operates across the whole of the Czech Republic, it has three branch offices – in Prague, Brno, and Rýmařov. The company does not use outsourcing, and it always relies solely on their well-trained employees.



Solution

The goal was to implement an automated system instead of the current manual solution. The new automated system will be tailored according to the client's needs, and at the same time, an addition to the system, in the form of an application for generating documentation across different projects, will be made.

Main benefits of our solution

- A much faster and fully automated process of project documentation creation
- Acceleration of internal company processes from days to hours
- Decrease in risk of errors compared to the previous solution
- The employees of the client can now dedicate more time to more added value tasks for their employer

About the project

The S-Power Energies company had to largely improve the effectiveness of creating and processing documentation regarding the installation of photovoltaic power plants, from requests from the distributor to documents needed for clearing the grant.

Company employees have used an outdated software for creating this documentation, and not a very automated processing model, which was largely dependent on the human factor. Many tasks were processed manually, using primarily MS Excel and MS Word.

Together with our client, we set a goal to replace routine manual labor with advanced technologies, increase the automatization, and decrease the time of process execution. Therefore, everything started with choosing the correct technology.

Our journey towards the solution

When creating a draft, we have decided with the client to create the solution on Google Workspace, with an option to switch to Office 365 if needed.

In the first phase of the project, the client received an MVP (Minimal Viable Product) for generating transfer records, and during the next 6 months, a complex HDG application was created. The front-end and back-end layer was developed in Google Workspace, which acts also as storage for all generated documents, including their revisions.

	Original state	After implementation	Increase
Installations per year	700	1 200	71%
No. of people in back-office	10	10	0
Documents processed	10 500	21 600	106%



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