

Case Study



Customer profile

Bahnhof AG, part of the Müller Frauenfeld AG Group, with headquarters in Frauenfeld, Switzerland and with around 400 employees, is a provider of construction and related services in all aspects of railroad facilities. Their core tasks include the construction and maintenance of railroad tracks and safety at railroad construction sites. Although track construction as well as the company can look back on a long tradition, Müller Frauenfeld AG relies on modern, efficient and technically sophisticated machines.

Technologies



Bahnhof AG: Fast and simple work processes with Microsoft Power Apps

Challenge

- New major customer project with numerous, repetitive operational stages, all of which must be documented alongside specifications
- Manual filling out of forms as well as manual creation, insertion and saving of image files
- Tedious and error-prone collection of the required information
- High workload and time consuming due to multiple tools

Solution

- Development of five Microsoft Power Apps for the optimization, automation and digitalization of work processes
- Automatic generation of documents as well as automatic storage of data and images in SharePoint
- Custom-fit solution with individual functionalities and a user-friendly interface

Added value

- Enormous time saving and workload reduction
- Simplified work, also with external service providers
- Process reliability and control
- Simple, intuitive operation on desktops, tablets and smartphones
- Increased know-how sharing between teams

Increase of Efficiency

The track construction company Bahninfra AG has obtained a new large customer order from the Swiss Federal Railways SBB: Over a period of two years, the company is planning to install the foundations for the planned "smart information display" devices at around 300 Swiss stations. This requires numerous operational steps in each case, which need to be accurately documented according to customer's specifications.

Previously, documentation was done by manually filling out forms and creating PDF documents. In addition, the individual operational steps had to be photographed and the image files manually selected, inserted, saved and forwarded. „The amount of work and time we spent was enormous. Compiling the information was tedious, error-prone and not efficient. We were urgently looking for a solution," says Florian Weimann, project manager at Bahninfra AG, explaining the original situation.

Today, Bahninfra employees can document their operational steps directly in the application and document them directly in the application and upload images quickly and easily. In addition, the necessary protocols can then be generated and forwarded automatically.

Another feature is that within the app the information of the individual devices can be stored so that they can be found rapidly. The user-friendly interface also enables simple and intuitive operations, both on desktops, tablets and smartphones.

Work efficiently & Time savings

The comprehensive benefits of Power Apps are clearly noticeable. While previously it took 20 minutes to fill out the logs manually, today this can be done in just a few minutes. The apps ensure that all necessary information is accurately collected. With the apps as a new „single source of truth", those who are responsible for the



The apps make our daily work much easier. We benefit not only from great time savings, but also from greater process reliability and control.

Florian Weimann – Project Manager, Bahninfra AG

Microsoft Power Apps

The solution sought was to help the employees of Bahninfra to digitally map their operational steps, to simplify and to accelerate their work. Given that Bahninfra had already Microsoft 365 tools in place, the decision was made in favor of Microsoft Power Apps. The step taken to collaborate with the Microsoft experts novaCapta was an obvious choice, as novaCapta had already helped Bahninfra during the introduction of MS Teams.

Customized solution

In close coordination with the project managers, the experts of novaCapta developed five Microsoft Power Apps to optimize, automate and digitalize the operational processes. The apps are precisely tailored to the individual requirements of Bahninfra employees and precisely map the respective process streams.

projects can easily check the status and any related information of the project at any time. Given that not only Bahninfra employees can use the apps, but also external service providers, collaboration with external partners has become easier and more efficient.

Productive collaboration

Mr. Weimann reports on the course of the project: „Due to the productive, uncomplicated collaboration with novaCapta, we were able to implement our Power Apps and thus quickly benefit from their use. Thanks to the project, we can also gain know-how in our company, which will certainly be of use to us in other projects as well."

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