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Project management as it should be

Challenge

- Previous solution for project management, a single Excel file and general document storage, which has reached its limits with large amounts of data
- Request: task management system with functions such as document management, time tracking, billing etc., which employees can still access both online and offline on different continents
- Goal: high functionality with simple usability

Solution

- Web-based solution for project management
- Interface to SharePoint online for document management
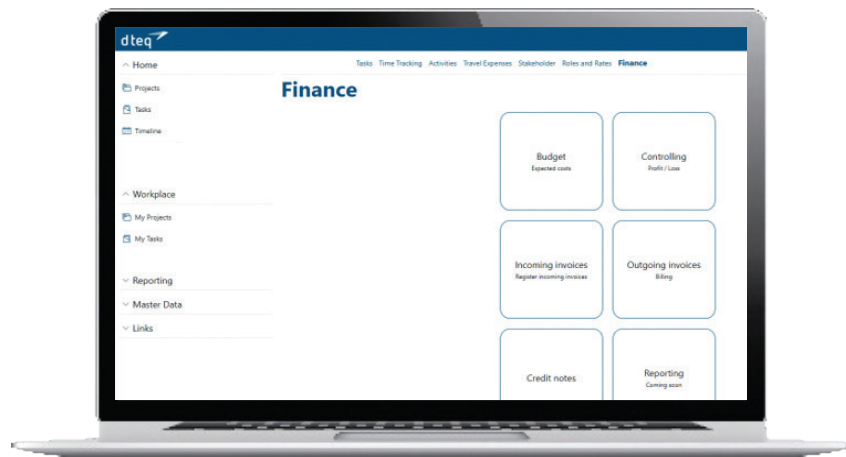- Data visualisation and reporting with PowerBI

Benefit

- Management gets an overview of the number of projects and workload
- Document management and automatic document creation
- Project-based recording of employees' working hours
- Project-based recording of business trips and corresponding travel expenses

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Company Profile

dteq Transport Engineering Solutions GmbH (dteq) was founded in Germany in 2016 by Thomas C. Press as a family-owned company. dteq is an independent company of the deugro group. The deugro group consists of four independent companies specialising in project forwarding, heavy lift and project shipping, transport engineering services and special transport equipment along the transport chain.

Technologies

SharePoint

PowerBI

Engineering services for logistics include, for example, the transport of goods that exceed "normal" dimensions and weights. dteq ensures the technical feasibility of these heavy-duty transports by ocean, land or air. What began as a specialist department of deugro has developed into an independent, professional service provider within the deugro group. With an increasing number of orders and a steadily growing international team, Excel lists and folders on a shared server were no longer sufficient to keep track of projects and working hours. Therefore dteq was looking for a professional software that allows improved management as well as structured document storage. Ready-made software solutions turned out to be unsuitable, as they could neither manage the company's large data volumes nor make them available offline. For this reason, dteq turned to novaCapta on recommendation.

Necessary functions

For future project management, it was important for dteq to be able to efficiently record all relevant components of a project. For this purpose, necessary functions such as the management of ongoing projects, setting

projects more efficient. To avoid missing appointments and deadlines, reminders can be set via the web application and synchronised with Outlook Calendar. At the end of a project, automatic invoicing is possible, taking into account the employees' recorded working hours. In addition, metadata on individual projects as well as statistical data can be collected and evaluated via the new, web-based project management system. The appealing visualisation of the reporting was realised with PowerBI. While the administration of projects, resources and tasks is done in the web interface, the management of the associated documents is done online in SharePoint. What

> **The new, web-based solution makes our daily work in project management much easier. The simplified task management and the new filing structure of the documents let us work together more efficiently. This in turn results in satisfied clients."**

Sebastian Krey – Lead Transport Engineer, dteq Transport Engineering Solutions GmbH

of hourly rates, time recording for employees and automated invoicing for customers were identified. Furthermore, documents were no longer collected in a large filing system, but assigned to individual projects and made available internationally, both online and offline.

Web-based project management

Together with novaCapta, an application was developed that can be accessed directly via the web browser. The start page displays dteq's current projects and facilitates their management. For example, on the start page the availability of employees for business travel planning can be viewed, which makes the allocation of new

dteq particularly appreciates about this is the distinctive search function, with which individual documents can be called up within a very short time, as well as the simple synchronisation of local data.

Project management as it should be

From now on, tasks can be planned more quickly, all employee resources can be considered and the status of projects can be conveniently tracked. The dteq employees benefit from easy handling of the web-based solution and reliable recording of their working time. For dteq, it's the solution for a pleasant cooperation and successful project management.

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