Case Study

DATEV

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The IT service provider DATEV is committed to promoting sustainability and innovation equally. The company's comprehensive sustainability strategy aims for climate neutrality by 2030. As part of the CO2 reduction measures, electromobility plays an important role. For this reason, the electrification of the vehicle fleet was advanced, and a company-owned charging infrastructure was set up at seven locations. Together with reev, a total of 44 charging points for electric vehicles were installed on the DATEV premises.

DATEV combines tradition with innovation. The company takes responsibility in many ways for its employees, society, and the environment. With digital business models and a sustainable mobility concept, DATEV aims to pave the way for the future – for its members, customers, and clients. This includes, among other things, the step-by-step electrification of the vehicle fleet. DATEV uses exclusively green electricity, supplemented by four in-house photovoltaic systems. All electric vehicles are therefore charged with green energy.

Facts and Figures

DATEV operates 44 proprietary charging points at seven different locations in
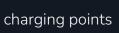
About DATEV

DATEV eG is an IT service provider based in Nuremberg and, with more than 8,300 employees, is one of the largest software companies in Europe. DATEV stands for high-quality software for tax consultants, auditors, and lawyers, as well as their predominantly medium-sized clients. The company supports around 471,000 customers as a reliable partner in the digitalization of their business processes.

Germany. To manage and control these charging stations across locations, the company opted for a charging infrastructure with integrated cloud software. With the online operator portal reev Dashboard Pro, all processes are automated, requiring minimal resources for the operation of the charging infrastructure.

To ensure efficient utilization, the charging duration is limited to two hours. This allows up to 180 charging processes per day. In the DATEV vehicle fleet, the proportion of electrically powered vehicles (including plug-in hybrids) is around ten percent, and in the internal fleet, it is 30 percent. (Status: March 2022).

22	**44**	**7**	**510**
wallboxes	charging points	locations	charging processes in 2022

The company's own charging infrastructure makes DATEV independent of external service providers and enables the charging of fleet vehicles as well as employees' electric cars with green electricity.

Motivation

DATEV assumes its corporate responsibility on ecological, economic, and social levels. In 2001, the DATEV management board adopted guidelines for sustainable business practices, making sustainability an integral part of the company's DNA. Today, the company has a comprehensive sustainability strategy that is embedded across all business areas.

As early as 2012, DATEV acquired its first two electric vehicles. Since then, the fleet has been gradually converted to electromobility, thanks to the positive response. Charging stations were also installed – initially without integrated software.

To increase the company's attractiveness as an employer and promote sustainable mobility, charging options for employees and visitors were put into operation in 2017.

In 2020, in preparation for a larger expansion, charging software from three different providers was tested.

The choice fell on the reev Dashboard Pro: "The intuitively designed online operator portal, with many useful functions and settings that can be configured independently, was the decisive factor. Added to this was the high-quality hardware and excellent service in case of malfunctions as well as technical and commercial inquiries. Moreover, the collaboration with a regional service provider was also an important criterion for DATEV," says Michael Thoma, DATEV's Energy Officer.

Implementation

DATEV commissioned reev with the basic setup of the charging infrastructure for a total of seven locations. The first step was to find suitable parking spaces for the high-quality eMH3 wallboxes from ABL. The cable routes for the power supply needed to be as short as possible. Special attention was given to fire protection, which is particularly important for parking garages and underground car parks. The installation of the 44 charging points at seven locations required a high degree of

coordination among all parties involved. In close collaboration with the electrical specialist company reev solutions and the DATEV representatives, an on-site pre-check was carried out to assess the existing electrical infrastructure. Based on these findings, site-specific planning was initiated, and the optimal installation locations were determined.

reev solutions handled the technical planning and programming of the charging stations, as well as the integration of load and energy management. This ensured smooth interaction between hardware, software, and the electrical design.

> ⓘ The functions of the reev Dashboard Pro include, in addition to advanced monitoring features such as consumption control or user and charging management, flexible tariff design and automated billing of charging processes. Public charging (ad hoc charging and eRoaming) is also possible.

Operation

The charging stations are located on the DATEV premises, ensuring that only employees and visitors with access authorization can use them. A distinction is made between vehicles in the internal fleet, employees' private vehicles, company cars, and visitors' electric vehicles.

According to Thoma, the charging process runs smoothly for all users. Since charging is very straightforward, there are very few inquiries regarding technical handling.

Outlook

The expansion of the charging infrastructure is a topic that DATEV is planning for the future, depending on demand. "To be prepared, we are currently developing a concept for further expansion. This way, we already have the plan ready in the drawer and can react quickly," says Thoma.

Currently, DATEV provides electricity free of charge. However, to ensure equal conditions for employees who drive combustion-engine vehicles, Thoma considers the future billing of charging electricity to be likely.

One of the company's goals is to achieve

Advantages of the Charging Solution for the Company:

- Charging on-site eliminates the need to search for public charging stations, saving time.

- Fleet vehicles are charged overnight and are ready in the morning with a full range.

- Proprietary charging stations make the company independent of external providers.

- Charging conditions can be adjusted according to the company's specific needs.

- Custom settings, such as defining user groups or issuing RFID-enabled charging cards, are possible.

climate neutrality by 2030. To support this, DATEV is aiming for a significant reduction in combustion-engine vehicles within its fleet. This effort is supported by the company's internal car policy. The mobility concept, which also includes leasing bicycles and job tickets, is continuously reviewed and adjusted.

"Yes, we can recommend reev. What convinces us most is the software – the clear and functional online dashboard. All settings can be adjusted with just a few clicks, most processes run fully automatically after the initial setup, and the interface is intuitive. There are also many options available for evaluating the charging processes."

Michael Thoma,
Energy Officer

About reev

reev offers flexible products and services that provide an easy entry into eMobility for any application.

reev is an expert in intelligent, networked charging solutions. The Munich-based company has set itself the goal of enabling everyone to shape the future of electromobility and actively contribute to the mobility transition. To achieve this, reev has developed a simple, transparent, and fully automated charging platform for managing and controlling electric vehicle charging infrastructure.

The user-friendly software solution is customizable and suitable for any application. The software is available as a bundle (a combination of hardware and software), as a full-service package (including consulting, planning, implementation, maintenance, and support), or as a standalone solution.

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