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FEIG and ev-pay receive PTB-certificate for terminal with its own "POS software"

The Physikalisch-Technische Bundesanstalt PTB has certified the "POS software" of the start-up ev-pay as well as the cVEND PIN.EV payment terminal by FEIG according to the German calibration law – both according to Module B and Module D. This means that the manufacturer-independent payment solution can be used at public charging stations in Germany in compliance with calibration law.

Handover of the type examination certificate at the FEIG headquarters. From left to right: Markus Desch (Head of Development Payment, FEIG), Marco Elfroth, Dr. Christoph Leicht (both PTB), Carsten Berlips (responsible PM, FEIG), Moritz Peil (Head of QM, FEIG)

The startup, led by Felix Blum and Dominik Freund, presented a payment solution for ad-hoc charging processes at the Power2Drive trade fair in Munich in the summer of 2024. **The core idea:** With the ev-pay software, ad hoc charging at payment terminals can be simplified in compliance with calibration law and backend-neutral. Interim earners such as CPO aggregators are no longer available. As a result, the CPO (Charge Point Operator, i.e. the operator of the physical charging point) himself has a higher margin – and the electric car driver ultimately benefits from this through better kWh prices.

A specially developed terminal, the cVEND PIN.EV from FEIG, translates the language of the charging infrastructure into that of the payment and banking world, *"similar to a gas station,"* ev-pay explains its own system. The technology is compliant with calibration law and can be *"easily integrated into existing systems, regardless of the manufacturers of the installed charging stations".*

The calibration certificate according to Module B and Model D can now be presented for Power2Drive 2025 – PTB issued the certificate a few days before the important trade fair for the charging industry in Munich. *"We are proud to offer our customers a certified solution that not only meets current standards, but is also future-proof and scalable,"* says ev-pay. *"We are thus setting another milestone in the development of our Platform and Software as a Service and strengthening our position as a reliable partner for the energy transition. This significant certification underlines the high quality,*

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safety and reliability of our solution and opens up new opportunities for our customers in the field of energy supply and electromobility.

Dynamic pricing for ad-hoc payers possible

With its retrofittable and manufacturer-independent payment solution, ev-pay wants to "save" the stock of charging stations, as the interaction of the cVEND payment terminal and the POS software, which complies with calibration law, can also make existing charging stations without a card reader fit for the requirements of the AFIR. As the startup emphasizes, the software also enables dynamic pricing for ad-hoc payments by debit or credit card. So far, the ad-hoc prices have mostly been fixed, but different (i.e. usually cheaper) tariffs are available for registered users or by subscription. Dynamic charging prices are not yet widespread, but if they are, then usually only for registered customers.

ev-pay wants to make this possible for ad-hoc payers and thus replace pure roaming providers. The operator of the charging point itself can set the prices flexibly and thus, for example, control the utilization of the charging points during peak and off-peak times or adjust the charging price to the current exchange electricity price. ev-pay expects its open model not only to reduce charging prices, but also to increase margins for charging point operators due to price sovereignty, which no longer depend so much on roaming platforms.

"The granting of calibration law conformity as an additional facility for the billing of ad-hoc charging stations is a great benefit for ad-hoc charging as such in Germany and Europe," says ev-pay COO Dominik Freund. *"ev-pay can thus bring the energy transition to the road and have a grid-stabilizing effect*

through the possibility of offering prices depending on electricity generation at all public and semi-public charging stations that comply with calibration law. We are thus dovetailing the energy and transport transition."

Felix Blum adds: *"The technical challenges for our development were high and some points took more time than previously assumed, but in the end we developed a technically flawless and consumer-friendly product. With a view to the AFIR, we have also created the possibility of retrofitting the current portfolio in compliance with calibration law."*

In October 2024, the Hanover-based energy supplier Enercity AG acquired a stake in ev-pay – the second-largest shareholder with 25.1 percent. Other investors are FEIG ELECTRONIC GmbH (also 25.1 percent), a provider of cash and contactless payment solutions, and Hectronic GmbH (3.9 percent). 45.9 percent are still with the founding team.

Take a look at the payment solution for yourself at Power2Drive starting tomorrow – at FEIG's booth B6.772!

About ev-pay:
ev-pay offers innovative solutions in the field of ad hoc payments for electric vehicles. Technology that complies with calibration law and is independent of charging stations enables billing with variable tariffs. Through cloud-based software and the certified tariff display device, the company offers a reliable solution that can be seamlessly combined with a wide range of charging stations.

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About FEIG:

As an established international manufacturer of unattended payment terminals, FEIG has an extensive portfolio for the EV charging market. Under the product name cVEND, there are various terminals for fast, secure and cashless payment with bank or credit cards, mobile NFC wallets and RFID-based customer cards.

In cooperation with ev-pay, FEIG will now offer its customers a scalable software solution for public ad hoc charging in compliance with calibration law in addition to terminal hardware. This user-friendly symbiosis enables CPOs to operate their charging stations in an AFIR-compliant manner for optimized processes and cost-efficiency.