

PRESS RELEASE



KATHREIN Sets a Milestone in Electromobility with its Calibration-Certified Payment Station

Developed in close cooperation between KATHREIN, ENIO, and TeleCash

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EV charging will play a decisive role in the future of mobility. With this new charging solution, KATHREIN addresses the challenges of payment processing at public charging stations—both for end users and charge point operators (CPOs). The CSA Group Bayern GmbH has issued a type examination certificate for the NFC payment system.

Payment processing at public charging stations has long been a challenge for both users and operators, limiting acceptance and slowing the necessary advancement of electromobility.

The transition to electric mobility and the growing demand for easier payment options call for a simple and scalable end-to-end payment solution at all public charging stations.

To meet this demand, the AFIR (Alternative Fuels Infrastructure Regulation) introduced new standards in early 2024, requiring secure and accessible

payment methods at public charging points—such as contactless payments via debit, credit cards, or mobile wallets like Google Pay and Apple Pay.

Until now, many payment methods only worked with proprietary RFID cards or individual operator apps, often requiring users to register and subscribe in advance. This complexity hinders spontaneous and convenient charging—for example, while shopping, staying at a hotel, or visiting a restaurant.

The new KATHREIN Payment Station fully complies with AFIR regulations. Its simplified payment process increases user acceptance and drives the transition to sustainable mobility.

Charge spontaneously – pay contactlessly – simple and accessible everywhere

“It was our goal to integrate an independent payment terminal that complies with all legal requirements into our product portfolio. Together with our charging technology, we now offer a tailored, future-proof, all-in-one charging park solution designed to meet the needs of any location,” explains Olaf Hentschke, Head of Sales at KATHREIN Electronics.

The KATHREIN Payment Station is equipped with an NFC terminal for contactless payment, displaying current tariff information.

With the optional 7” touch display, users can easily navigate and select charging points—even in larger charging parks. Our solution enables seamless, cross-manufacturer management and sustainable operation.

Existing backends can be integrated via the OCPI interface. According to calibration law, end-to-end compliance requires compatibility testing. KATHREIN is authorized, per the issued type examination certificate, to carry out these compatibility tests and thus ensure full calibration compliance of end-to-end systems. Existing charging parks can be easily upgraded with the KATHREIN Payment System, enabling efficient and seamless payment processing.

Digital receipts ensure clear record-keeping with relevant charging data, delivering full transparency for end users—all with legal metrology certification.

The KATHREIN Payment Station enables contactless payment via debit, credit cards, Google Pay, and Apple Pay—no registration or app required. With this,

KATHREIN boosts user acceptance through straightforward, transparent payment systems.

A tailored, efficient, and legally compliant payment solution for businesses, municipalities, and operators

EV drivers benefit from simple, flexible use. Infrastructure costs can be kept low, as one Payment Station can handle transactions for one or multiple charging points.

A powerful charging infrastructure is essential to the mobility transition and offers clear economic benefits to small businesses, mid-sized companies, and public-commercial operators.

KATHREIN is setting new standards and contributing positively to the transformation of mobility. Our solution enables spontaneous charging—anytime, anywhere. High usability and intuitive operation ensure secure, effortless payment.

One solution – many advantages

- Easy retrofitting of existing charging parks
- Reduced infrastructure costs
- Intuitive operation and full transparency for end users
- Seamless, scalable payment processing
- Legally compliant and future-proof under AFIR regulations

About Us

Since 1919, KATHREIN has stood for deep technological knowledge, strong development capabilities, and advanced manufacturing competence. The KATHREIN Group delivers innovative eMobility solutions rooted in a market-leading understanding of quality.

ENIO offers innovative software solutions for managing, controlling, and billing charging stations. Since 2018, Deutsche Telekom AG has been a stakeholder in ENIO through a subsidiary.

For over three decades, TeleCash from Fiserv has provided tailored, professional solutions for cashless payment via cards.

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