



MANAGE | AUTHORIZE & PAY | INTEGRATE

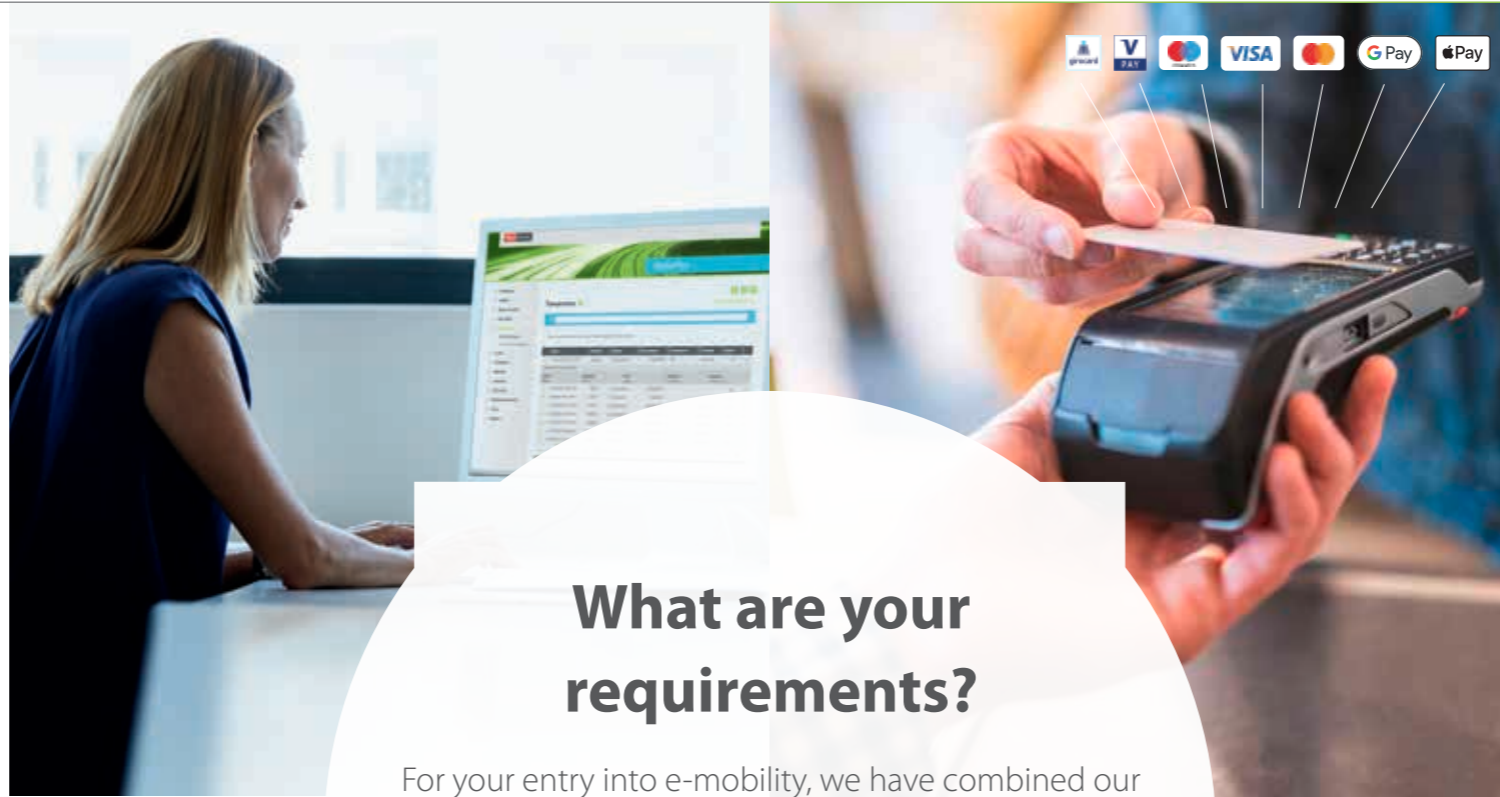
Ready for E-Mobility

We offer future-proof payment and authorization solutions which can be integrated into your filling station or used to expand your charging infrastructure.

MANAGE

Our new cloud solution HecCharge allows you to manage, interconnect and control your charging infrastructure. HecCharge can be used independently of charging point manufacturers and payment service providers. As an open system for third parties, HecCharge can be connected to existing backend management systems via an open standard API.

PAGE 4/5 Solution Architecture
PAGE 6/7 Cloud Solution



PAY

With HecNet you enable two things: secure online payment processing and secure credit card routing.

As a background service, HecNet controls and secures the payment flow between the parties involved (card payer's bank, acquirer and data centre).

PAGE 14/15 Network Operation HecNet

What are your requirements?

For your entry into e-mobility, we have combined our experience from the areas of refuelling and parking to enable barrier-free payment and authorization. Both can be flexibly combined and individually adapted to your requirements.

**The future begins now.
Don't hesitate to contact us!**

AUTHORIZE, PAY & INTEGRATE

HecPay facilitates centralized payment at a publicly accessible charging infrastructure with a large number of charging points.

HecTron, on the other hand, focuses on employee car parks and filling stations (public & company) and enables both the authorization and payment process at many charging points.

With eReady, you integrate charging stations into your existing filling station infrastructure.

PAGE 8/9 HecTron (Authorization and Payment Terminal)
PAGE 10/11 HecPay (Payment Terminal)
PAGE 12/13 eReady Software Update



IDENTIFY & AUTHORIZE

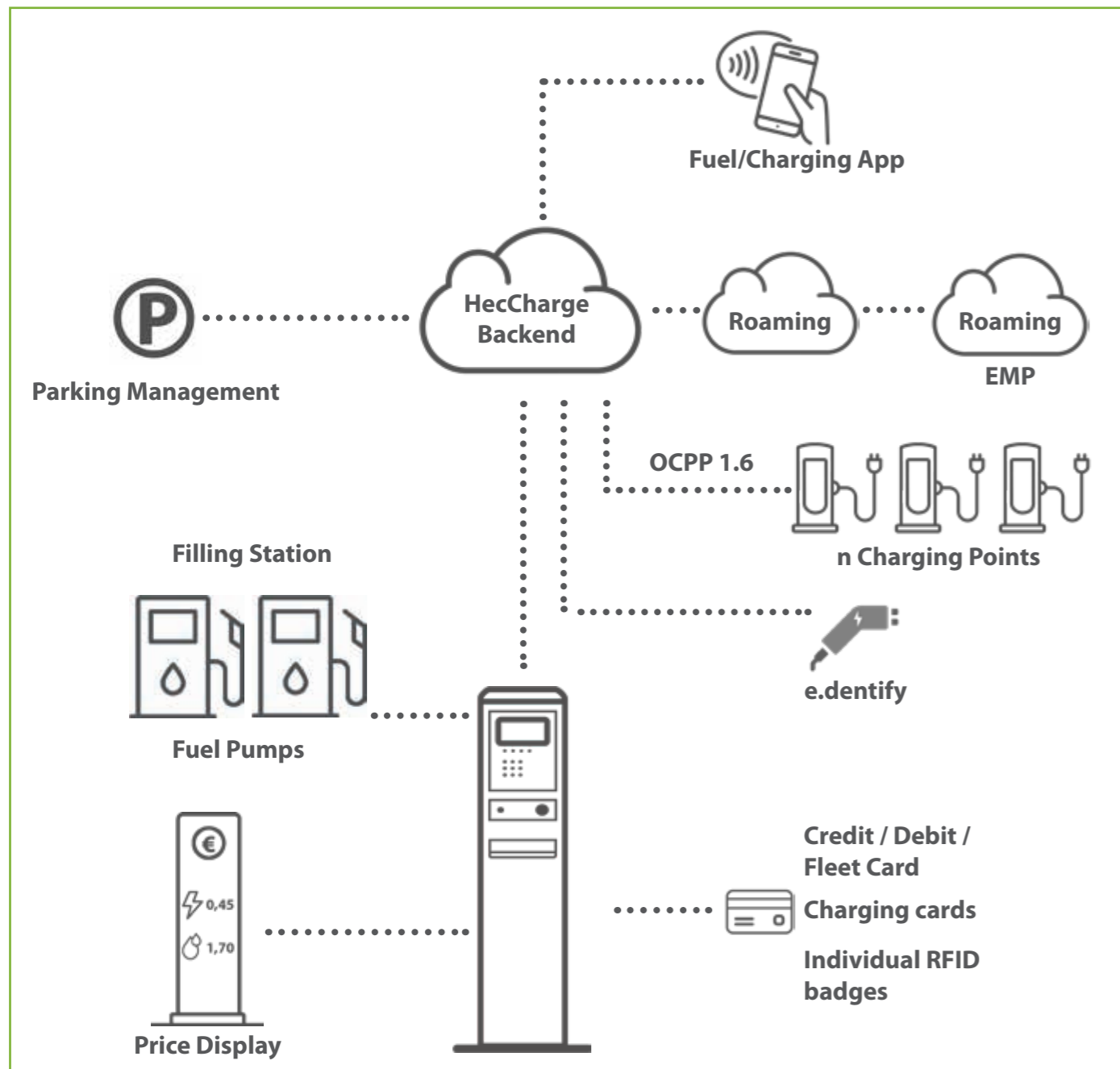
From the app to automatic vehicle recognition - we offer a wide range of tried-and-tested authorization solutions: our solutions are system-open and compatible.

PAGE 16/17 Identification and authorization options

Solution Architecture for the E-Mobility Sector.

HecCharge’s cloud-based solution serves as the cornerstone of our solution architecture, facilitating the seamless integration of management systems (e. g. parking management) with data sourced from charging infrastructures and filling stations. This information is then transmitted directly to the respective back office solution or ERP system. HecCharge is also responsible for overseeing the authorization and payment of charging processes, including the verification of payment receipts and activation of charging points.

Data from payment or authorization cards and tags is transmitted to the cloud via the terminal’s pin pad and subsequently verified. Upon receiving a positive response, HecCharge activates the charging stations directly. In the event that payment is made via a charging or refueling app, the terminal is authenticated and released directly via the HecCharge cloud.



Solutions Overview:

- ✓ Terminals
HecPay & HecTron
- ✓ Backend Solution HecCharge
- ✓ Network Operation HecNet
- ✓ Mobile Payment & Authorization System
easy2fuel



Further information on the solution architecture: www.hectronic.com



Your Benefits

- ✓ Management of the charging infrastructure (station, charging points & user management)
- ✓ Modular design
- ✓ Access around the clock – via tablet, smartphone and notebook
- ✓ Open for third-party systems
- ✓ Certifications for all common industry standards & cloud solutions (e. g. ISO-27001)

Our Cloud Solution for Your Backend Management and Beyond!

Scope of application

HecCharge is our new cloud-based and modular solution that makes our services available anywhere, anytime.

Each charging point is connected to the platform and can be managed and controlled remotely. HecCharge provides an overview of the existing charging infrastructure and displays all relevant data on a dashboard.

As a backend management system, HecCharge is used for the communication between charging station operators, roaming platforms and our terminals. Furthermore, HecCharge can also be connected to other backend management systems at any time via an open API.

Modules/Packages

- 3rd-Party Payment (functions necessary for the connection of third parties)
- Base (basic functions)
- Premium (extensive functions)



Our cloud solution is compatible with:



Authorization and Payment Terminal HecTron: Solution for employers and filling stations (public and company), see **Pages 8/9**

Payment Terminal HecPay: Payment solution for public charging, see **Pages 10/11**

Your Benefits

- ✓ One central terminal reduces costs considerably
- ✓ Numerous charging points can be activated per terminal
- ✓ Pin pad „PIN-on-Glass“ with integrated card and contactless reader
- ✓ Secure payment of the charging process in compliance with the German calibration law
- ✓ Various identification and authorization options plus card acceptances
- ✓ Barrier-free payment process in accordance with the German Charging Station Ordinance
- ✓ Standard connection via OCPP
- ✓ Compact and cost-efficient wall-housing solution



HecTron – Authorization and Payment Terminal for E-Mobility.

Scope of application

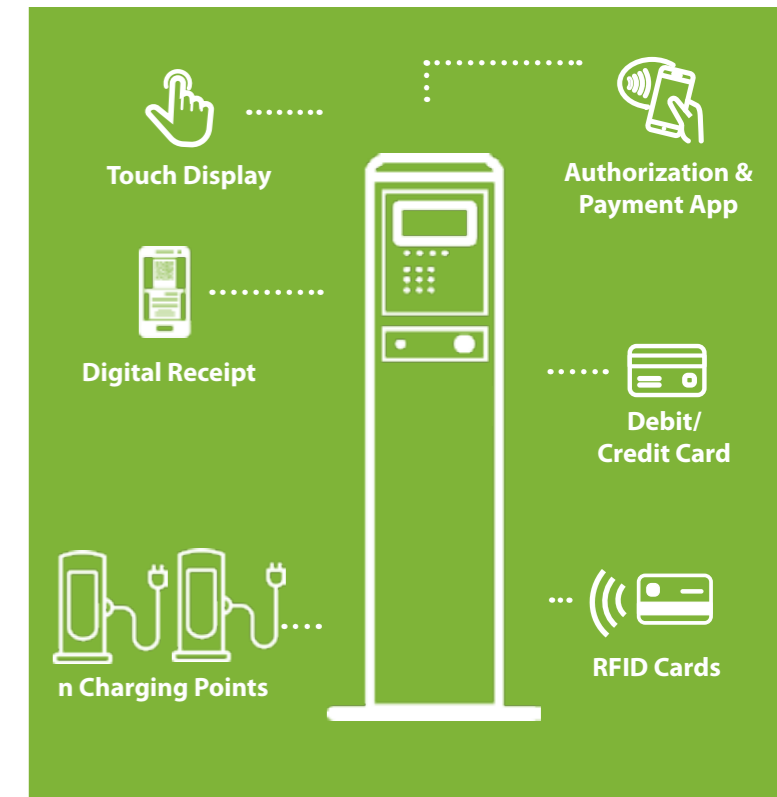
There are many applications for the HecTron, including **company car parks, company filling stations** and **public filling stations**.

One terminal provides a central solution for payment, authorization and control of numerous charging points. This gives you maximum flexibility in operating and expanding your infrastructure.

Individualization through flexible modules

For maximum flexibility, the HecTron has a wide range of customization options.

- 6.5" TFT display (stand-alone housing) and graphic display with robust PIEZO keyboard (wall-housing)
- Credit & debit cards
- Stand-alone & wall-housing
- Station cards, company ID cards, RFID
- Authorization or payment app
- Digital receipt
- For n charging points



HecTron is compatible with:



Cloud Solution HecCharge:

Backend management system used to operate the charging process, see **Page 6/7**



Diverse identification and authorization options

see **Page 16/17**

Further information on the Authorization and Payment Terminal HecTron:
www.hectronic.com/hectron

Your Benefits

- ✓ Contact- and cashless payment methods in accordance with AFIR and the German Charging Station Ordinance (LSV)
- ✓ One payment terminal for several charging points
- ✓ Considerable cost reduction
- ✓ Secure payment of the charging process in in compliance with the German calibration law
- ✓ Compatible with all common charging stations and backend management systems
- ✓ Robust housing and display for outdoor installation



HecPay – Authorize Numerous Charging Points without Barriers.

Scope of application

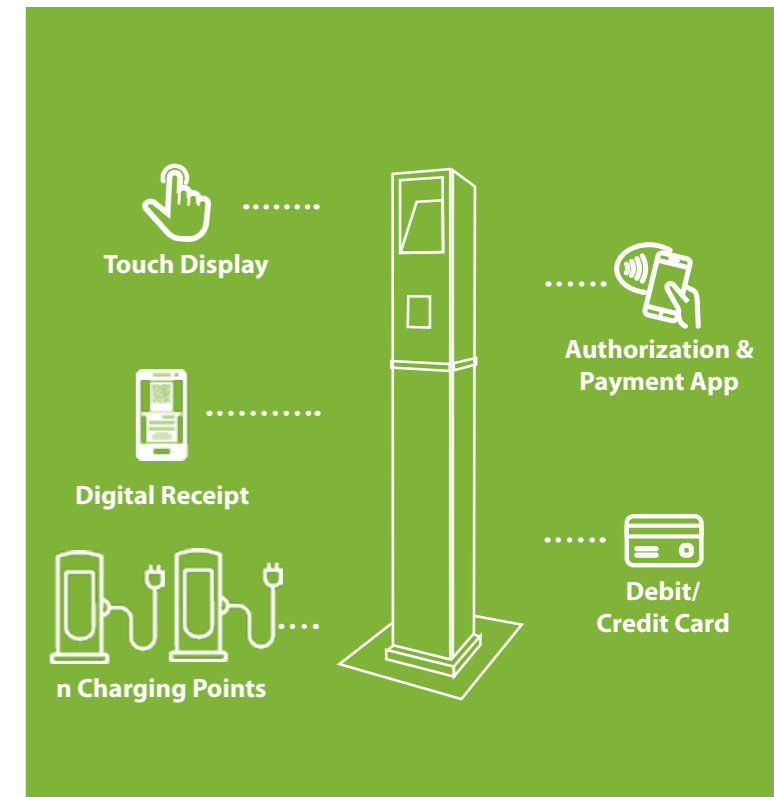
Public charging (customer car parks, on-street charging, urban charging and charging parks on traffic axes) is where HecPay excels.

The terminal offers a central payment solution for numerous charging points. It enables a barrier-free payment process in accordance with the German Charging Station Ordinance (LSV). With HecPay, you can efficiently update your charging infrastructure – regardless of the backend management system and charging station type you use.

Individualization through flexible modules

The HecPay has a wide range of customization options and thus the greatest possible flexibility.

- Touch display
- Credit & debit cards
- Mobile Payment & Authorization System easy2fuel
- Digital receipt
- For n charging points
- e.identify



HecPay is compatible with:



Cloud Solution HecCharge:
Backend management system used to manage the charging process, see **Page 6/7**



Diverse identification and authorization options
see **Page 16/17**

Further information on the Payment Terminal HecPay: www.hectronic.com/hecpay



Your Benefits

- ✓ Start with a very small investment into e-mobility
- ✓ Simply expand the existing filling station structure
- ✓ Authorize fuel pumps and charging stations using the same terminal
- ✓ Communication via OCPP 1.6
- ✓ Comprehensive after-sales service: support hotline, employee training and repair centre

Software Update eReady – Energize your Fuel Terminals.

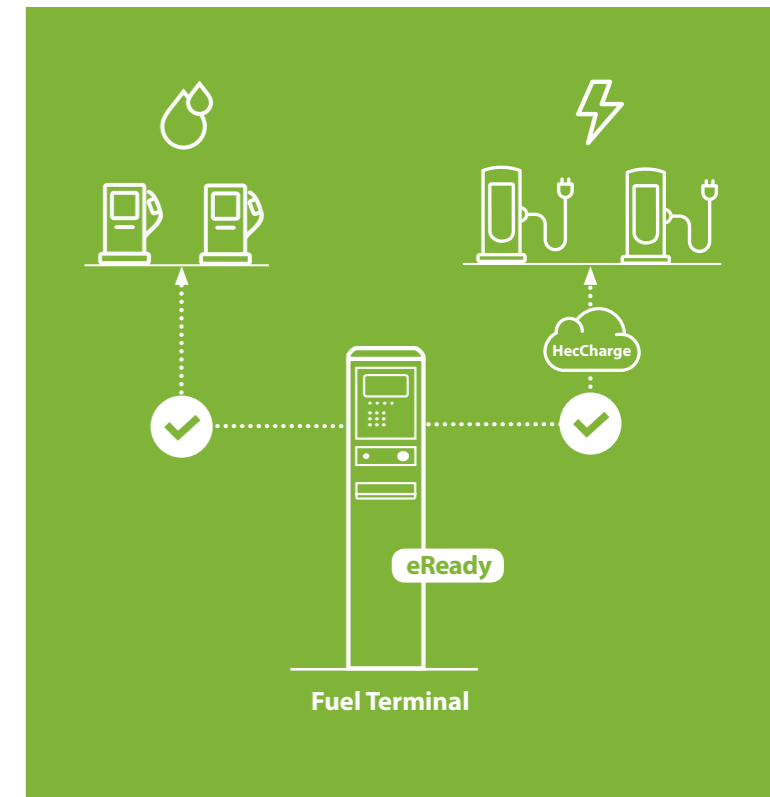
Scope of application

Starting out with e-mobility and integrating charging stations into your filling station infrastructure is made easier by eReady.

With eReady activated, you allow your fuel terminals to take over the payment and authorization process for both refuelling and charging stations.

Simplified: With eReady, electricity becomes just another fuel that you offer at your filling station. It uses the Open Charge Point Protocol to ensure that the authorization process at charging stations is handled correctly.

By offering all-in-one solutions, we focus on a standard system and the simple expansion of the existing infrastructure. This way, we can operate fuel pumps and charging stations in mixed mode with very little investment!



eReady is making your filling stations fit for e-mobility:



The eReady software update can be installed to make existing **HecVision & HecFleet** fit for e-mobility.



Brochure Public Filling Stations:
Fuel terminal HecVision

Further information on eReady:
www.hectronic.com/eready

HecNet – Safe Online PSP Services and Credit Card Routing.

Scope of application

HecNet handles the central administration of your payment and authorization terminal and controls the processing procedures at your charging station or fuel terminals.

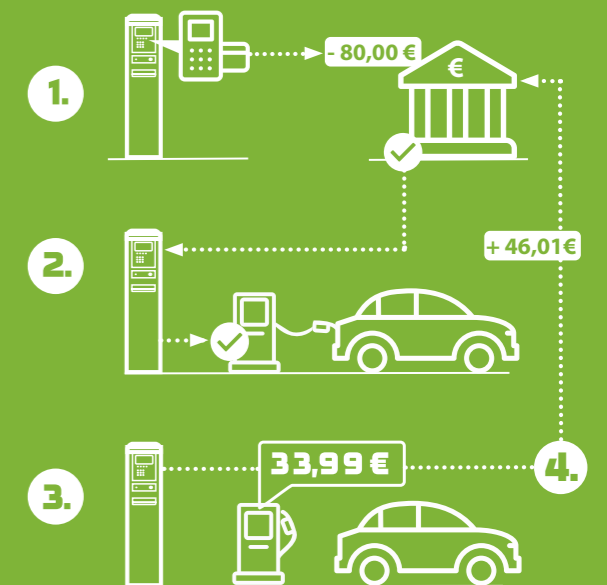
As a general solution for card settlement, the HecNet network operation ensures communication between payment terminals and the parties involved in the payment process (bank, acquirer and computer centre).

This means that all common cashless payment methods can be accepted.

Payment processes in e-mobility

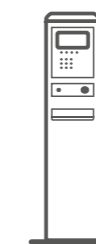
- Reservation of a predefined amount on the account (amount flexibly adjustable)
- Charging until the reserved amount is reached or automatic cancellation of the difference if charging ends before the maximum amount is reached
- Correct invoicing of the charging process

Functional principle at the charging point



Please note the country-specific availability of HecNet.

HecNet is compatible with the solutions:



Authorization- and Payment Terminal HecTron: Simple and secure payment and authorization procedures processes, see **Page 8/9**

Payment Terminal HecPay: Barrier-free payment - one terminal handles the payment process at many charging points, see **Page 10/11**



Diverse identification and authorization options see **Page 16/17**

Further information on network operation
HecNet: www.hectronic.com/hecnet

Your Benefits

- ✓ Provision of a network connection for card settlement of purchasing charges
- ✓ Processing of online payments (girocard) and routing of debit and credit card payments
- ✓ Withdrawal of invoice amounts from the card payer and crediting to the retailer
- ✓ Creation of turnover files and settlement of charges
- ✓ Our portfolio is rounded off by HecNet – all charging services from a single source!





Your Benefits

- ✓ From the app to automatic vehicle recognition - we offer a wide range of tried-and-tested authorization solutions
- ✓ System-open and compatible - for smooth interaction with third-party systems and existing infrastructures
- ✓ Ideal for all user groups - from the general public to closed user groups
- ✓ Fast, simple and contactless authorization - without any hurdles

Smart identification and authorization for every application

Automatic vehicle recognition e.identify

e.identify enables automatic vehicle recognition according to the Plug & Charge principle: A transponder on the vehicle is read when the charging plug is plugged in and the charging process is authorized after a check in our backend system - without any app, charging or bank card.

easy2fuel Tank & Charge app

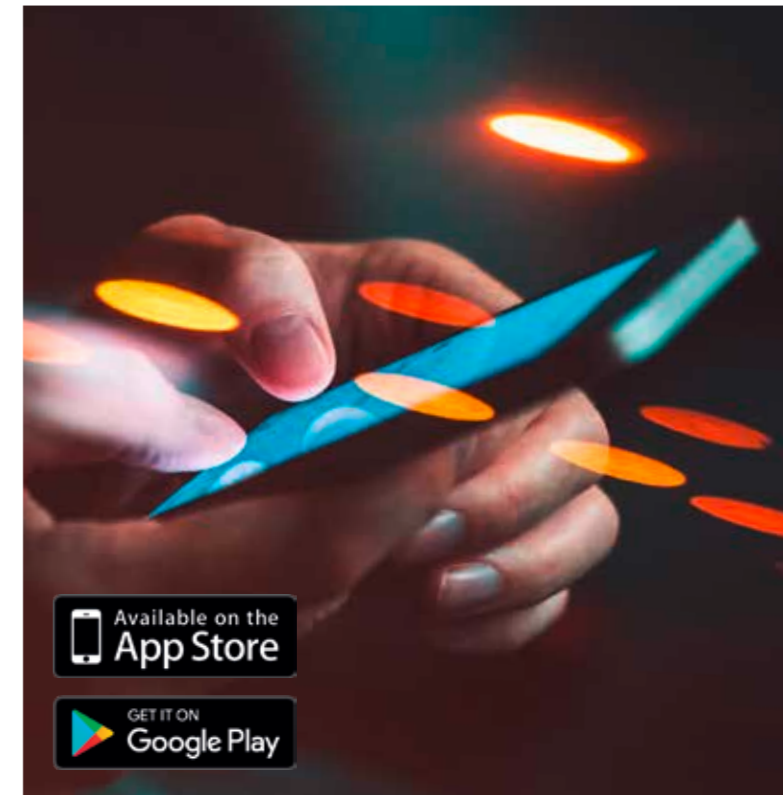
By using our app, we enable digital fleet cards to access the charging world. The easy2fuel app can be individually adapted to your design as a white label app. It is also possible to seamlessly switch between refueling and charging within the app.

Charge card roaming

We enable the acceptance of charging cards at your charging stations and make your infrastructure accessible throughout Europe. By accepting charging cards, you not only increase your range, but also gain new customer groups and strengthen customer loyalty - without any additional effort.

Local RFID badges

Do you already use RFID badges in your company? These can be seamlessly integrated into our solution as an authorization medium. You benefit from our decades of experience with all common providers of different RFID media - especially in the field of fuel and fleet solutions.



The identification and authorization options can be combined with:



HecTron authorization and payment terminal: Uncomplicated and secure payment and authorization processes, see [Page 8/9](#)

HecPay payment terminal: Barrier-free payment - one terminal handles payment processes at many charging points, see [Page 10/11](#)



Network operation HecNet
Secure online payment processing and credit card routing, see [Page 14/15](#)

**With us,
you are in focus!**



We take care of your special requirements – fast, flexible and individual. Our sales partners provide support at eye level and find the optimum solution together with you.

Your Satisfaction is our Goal

Competent, comprehensive, at eye level and in your vicinity – together with you we set up your perfectly attuned filling station management or extend your existing system.

Our solutions from the areas **MANAGE, AUTHORIZE & PAY** and **INTEGRATE**, cover the whole spectrum and can be flexibly and individually combined, integrated and scaled.

Our smart software solutions complement the proven hardware components and open up new possibilities with respect to economic efficiency and user-friendliness.

As a reliable partner we stand for solutions with added value. We invest into the development of new and practicable systems you can rely on – your satisfaction is our goal. For over 50 years, solutions from Hectronic have been a synonym for quality. We are striving to keep it that way!

Security and Reliability

We commit ourselves to be your helpful contact partner – at any time, on site at your location, before and after sales.

We support you worldwide with competent advice and through our reliable support hotlines. An international service and distribution network with over 70 partners provides you with absolute security and reliability – always in your vicinity.

Our repair centre is specialised in repairs, guarantee and warranty claims and their prompt processing.

Trainings by Hectronic qualify your staff to make full use of and apply the potential of Hectronic's technology.

Typical applications of our e-mobility solutions:

- **Company parking spaces**
- **Company and public filling stations**
- **Charging parks**
- **Customer parking spaces**

Hectronic GmbH

Allmendstrasse 15
D-79848 Bonndorf
Tel. +49 7703 9388-0
mail@hectronic.com

Hectronic Schweiz AG

Aarauerstrasse 69
CH-5200 Brugg
Tel. +41 56 46074-74
mail@hectronic.ch

Hectronic Austria GmbH

Hobelweg 4
A-4055 Pucking
Tel. +43 7229 23808-0
mail@hectronic.at

Hectronic Vertriebs- und Service GmbH**Branch Office RheinRuhr**

Paul-Reusch-Strasse 10
D-46045 Oberhausen
Tel. +49 30 8632459-60
info@hectronic.de

Branch Office North

Löwenhof 9
D-28217 Bremen
Tel. +49 30 8632459-60
info@hectronic.de

Branch Offices East

Kienberger Allee 4
12529 Schönefeld
Tel. +49 30 8632459-60
info@hectronic.de

Branch Mannheim

Cecil-Taylor-Ring 13
68309 Mannheim
Tel. +49 621 8453-149
info@hectronic.de

Otto-Hahn-Strasse 3-5
D-37574 Einbeck
Tel. +49 30 8632459-60
info@hectronic.de

Handelsplatz 4
D-04319 Leipzig
Tel. +49 30 8632459-60
info@hectronic.de

Hectronic France Sarl

5, Boulevard de Créteil
F-94100 Saint-Maur-des-Fossés
Tel. +33 1 418111-12
mail@hectronic.fr

Hectronic Polska Sp. z o.o.

Bór 164
PL-42-200 Częstochowa
Tel. +48 34 3697373
mail@hectronic.pl

Hectronic India Retail & Parking Automation Pvt. Ltd.

No. P6, 1st Cross, 3rd Stage
IND-560058 Bangalore
Tel. +91 80 283633-08
mail@hectronic.in

Your Sales Partner: