

Smart Solutions for parking and refuelling



2 | PETROL STATION MANAGEMENT FOR FLEETS PETROL STATION MANAGEMENT FOR FLEETS | 3

We help to optimize your fuelling processes and get your vehicles back on the road without delay.

MANAGE

The platform-independent and web-based petrol station management software HecPoll is your control centre and integrates all components into one complete solution.

With the web-based monitoring software resp. the app PetroLine, all fuel pumps can be controlled at any time and from anywhere. What are your requirements?

We from Hectronic see us as a full-service provider and are your competent partner when it comes to

REFUEL

As a combination of robust fuel pump and modern fuel terminal the auto fuel pump HecPump is a comprehensive solution to process the identification and refuelling operation at your company petrol station – quick, effective and powerful.

PAGES 24/25 Auto Fuel Pump HecPump

PAGES 4/5 Management Software HecPoll PAGES 6/7 Monitoring Software PetroLine

AUTHORIZE

We offer customized solutions for operators of company filling stations, fleet managers and card issuers to meet their requirement for a quick and reliable processing and authorization of payments.

PAGES 8/9 Authorization System easy2fuel PAGES 10-13 Fuel Terminals HecFleet

and Heconomy

PAGES 14/15 Software eReady

PAGES 16/17 Autorization and Payment

Terminal HecTron

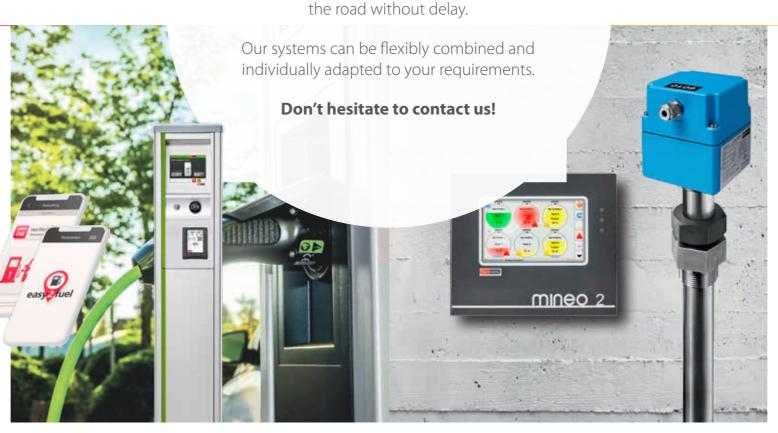
PAGES 18-21 Online Authorization Solution

and Fleet Card Acceptance

FleetNet

PAGES 22/23 Automatic Vehicle Recognition

PetroPoint



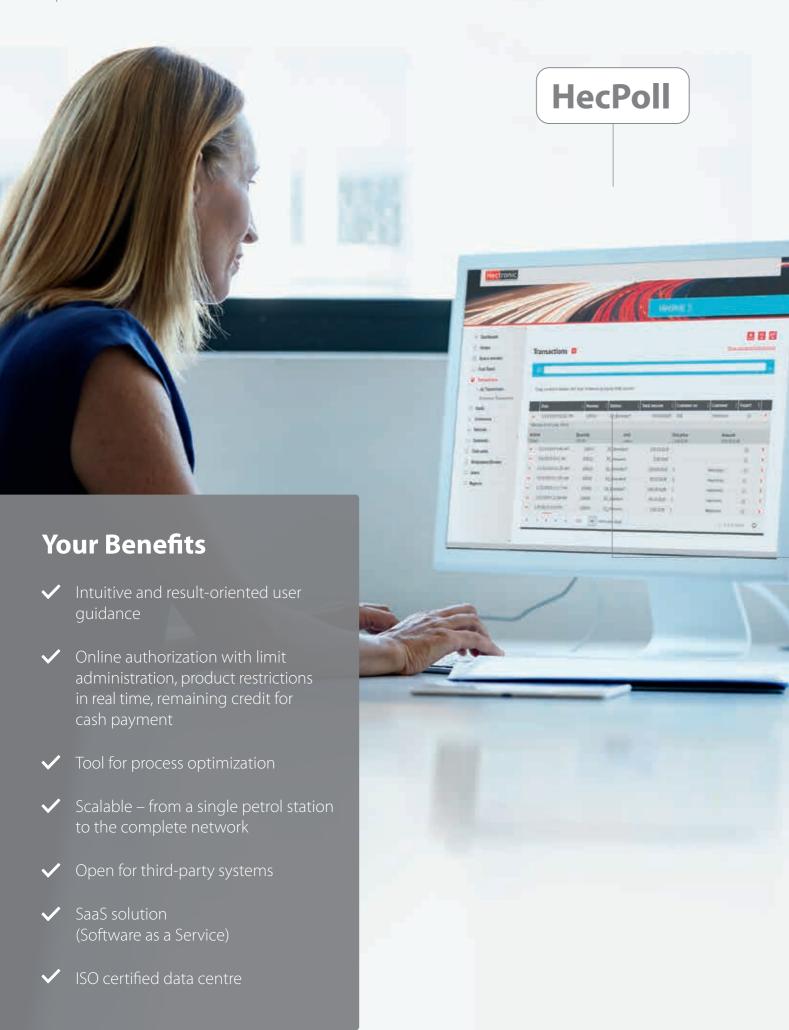
optimizing processes and getting your fleet back on

MEASURE

A reliable measurement of the tank content, exact data registration and flexible connection to the desired host systems – we from Hectronic offer intelligent and coordinated system solutions for optimum tank content management – secure, convenient and reliable.



BROCHURE Tank Content Management



HecPoll – Your Control Centre for Swift Filling Station Management.

Management Software HecPoll

The platform-independent and web-based filling management software HecPoll transfers the data from the petrol station to the office, where transactions and master data can be monitored and reports generated.

Whether in your data centre as a purchase licence or in our cloud as a rental licence, the intuitive user interface makes it as easy as possible to start using our software. A brief introduction is all that is needed - then you can enter, process and evaluate the data yourself. And if you opt for the solution in our cloud, all you need is a laptop - we take care of the rest.

With HecPoll, you have a tool that supports you in optimizing processes and managing company filling stations according to results.

Scope of functions

- Master Data Management: Personnel, cost centres, customer cards, vehicles and products
- Parameter Administration: Station management, prices, fuel depots, tank data and reports
- Installation: Integration into existing network or as a SaaS solution
- Interfaces to Third-Party Sytems
 Automated or individual interfaces to third-party
 systems such as SAP or Microsoft Dynamics.

Further HecPoll Module Available

+ HecPoll Online Authorization of fleet and station cards. With this module blacklist, whitelist and limit administration as well as product restrictions can be processed in real time.



HecPoll combines all areas and components into one big unit



AUTHORIZE

Payment app, fuel terminals or fleet card acceptances: We offer economic solutions for the quick and easy processing of card authorizations at your company or fleet filling station, see **pages 8-23**

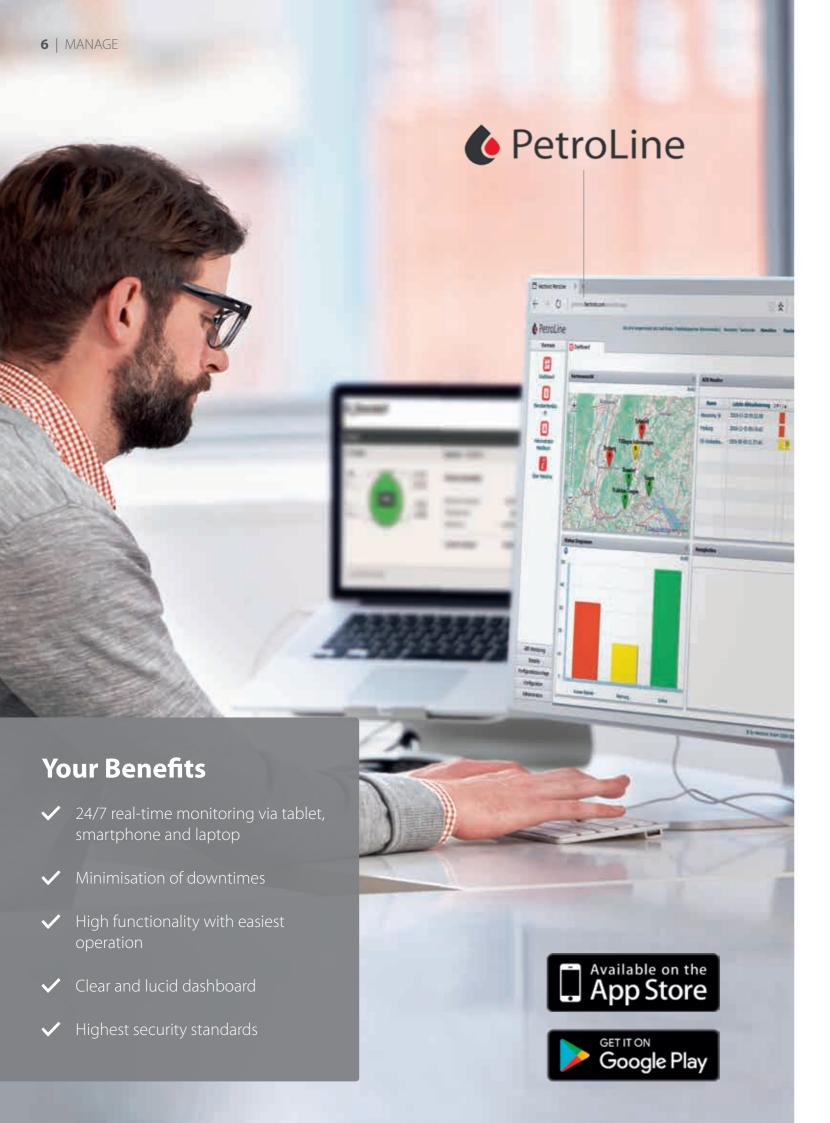
REFUEL

Auto fuel pump as a convenient package to process the payment and fuelling process at your company filling station, see **pages 24/25**

MEASURE

Reliable measurement of the tank content, exact data registration and flexible connection: intelligent and coordinated system solutions for optimum tank content management, see **Brochure Tank Content Management**

Further information on management software: www.hectronic.com/hecpoll



PetroLine – Under Control at Any Time and from Any Place.

Web-Based Monitoring Software PetroLine

PetroLine is a platform-independent, web-based monitoring software for the fuel terminals HecFleet, Heconomy and the auto fuel pump HecPump.

The status messages of your fuel terminals are provided on the PetroLine server. Via standard browser they can be retrieved, analysed online and evaluated from any place – subject to the respective authorizations.

The clearly structured and lucid PetroLine dashboard allows for intuitive operation. The user surface provides an overview of the complete filling station network while detailed information on the status is presented via AER (Active Event Reporting)-monitor.

In the map view the exact location of each terminal is displayed with current status.

PetroLine as App

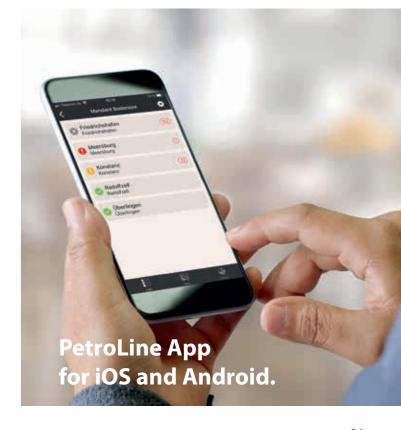
PetroLine can be downloaded free of charge from the app store for android and iOS-devices. Using PetroLine everything is under control from anywhere. Each warning or error message is now shown directly on your tablet, smartphone or laptop.

The operator is informed about the current status at any time from anywhere and can take immediate measures if needed.

Highest Security Standards

The communication between the applications takes place via encrypted connection; abuse is therefore excluded.

Access to PetroLine and the data involved is determined by the allocation of a user to a mandator.



With PetroLine you monitor the terminals of your filling station network



Fuel Terminals HecFleet and Heconomy

HecFleet is the all-rounder for unmanned fleet filling stations, see **pages 10/11.**

Heconomy is a proven and flexible professional for company filling stations. Also available as cost-effective version for smaller fleets, see **pages 12/13**

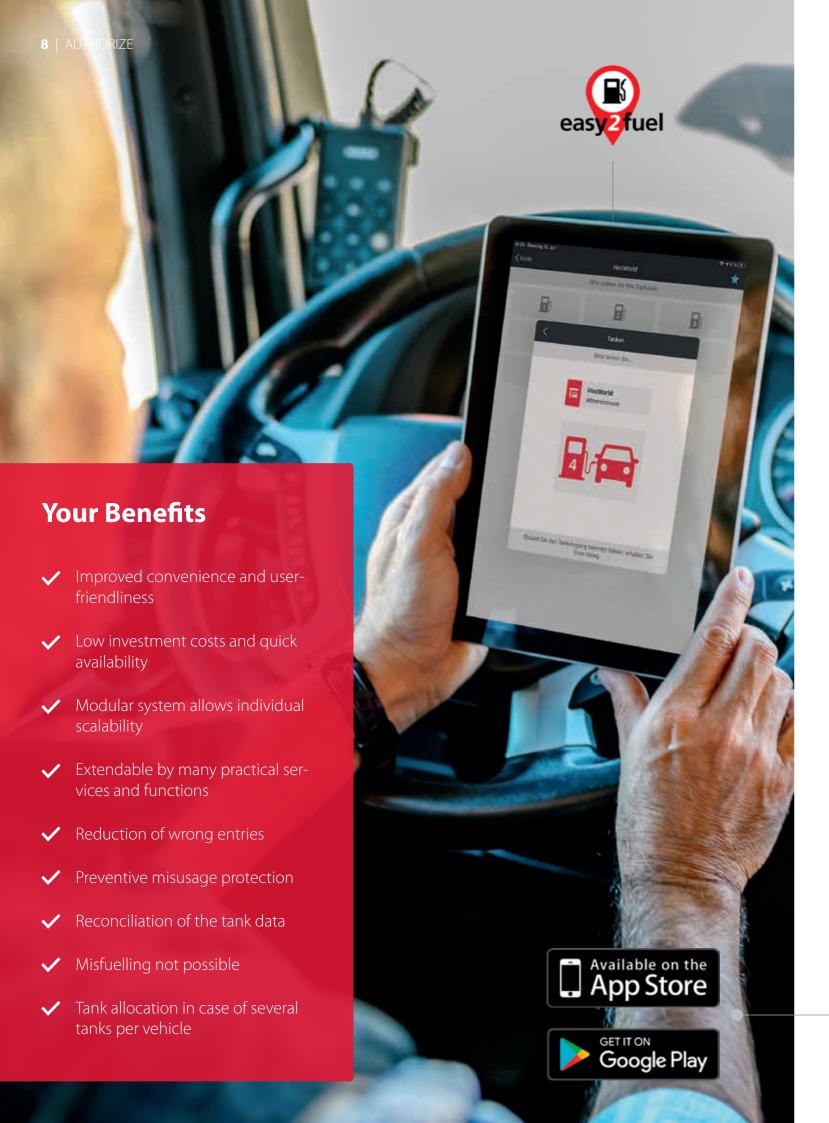
Authorization- and Payment Terminal HecTron:

Simple and secure payment and authorization procedures processes, see **Pages 16/17**

Auto Fuel Pump HecPump

Compact package consisting of fuel pump and fuel terminal. Also available as cost-effective version and ideal supplement of your fleet, see **pages 24/25**

Further information on monitoring software: www.hectronic.com/petroline



easy2fuel – Mobile Authorization System with Flexible Plus.

Authorization System easy2fuel

easy2fuel allows for quick and easy refuelling at your company filling station. From smart solution via app authorization to automatic vehicle and driver recognition: with the modules of the system everything is possible.

The automatic transfer of additional vehicle data such as tank content and mileage during the fuelling process should be particularly interesting for fleets. For this reason, wrong entries are a matter of the past.

One thing is for sure: The authorization system easy2fuel grows with your requirements. The modules FLEET and MAX can be individually combined at any time.

Management Platform ConSy

The intuitive and web-based management platform ConSy is the interface for the user and rights admini stration. ConSy keeps you updated about transactions around the clock, provides overviews and evaluations and archives transactions.

Functional Principle

- **1.** Select fuel pump in the app and authorize remotely by entering the PIN. The settlement is made via the means of payment saved in the management platform ConSy.
- 2. Fuel vehicle.
- **3.** Continue journey. Walking to the fuel terminal is made redundant. Fuel receipts are saved and can be passed on via share function.

Modules of the Authorization System easy2fuel



Your digital fuel card: Mobile authorization via app, tablet or navigation board



- + Automatic transfer of vehicle data and immediate allocation of the driver/ vehicle.
- Optional: Reconciliation of the fuelling data and alarm in case of deviation.



 Authorization at the fuelling point: Automatic product recognition and preventive misusage protection (nozzle out function).

The authorization system easy2fuel can be combined with:



Fuel terminals HecFleet and Heconomy: : HecFleet is the all-rounder for unmanned fleet filling stations, see **pages 10/11.**

Heconomy is a proven and flexible professional for company filling stations. Also available as cost-effective version for smaller fleets, see **pages 12/13**

Authorization- and Payment Terminal HecTron:

Simple and secure payment and authorization procedures processes, see **Pages 16/17**

Online Authorization Solution and Fleet Card Acceptance FleetNet: Transform your station card into a fleet card and increase your range. Accept the most common fleet cards at your HecFleet or HecFleet Eco, see pages 18-21

PetroPoint

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The practical benefits of the automatic vehicle recognition at the fuelling point (nozzle out function) are already integrated in the module MAX!

Further information on the mobile payment system: www.hectronic.com/easy2fuel



HecFleet – All-Rounder for Unmanned Fleet Petrol Stations

Fuel Terminal HecFleet

We don't promise too much: The fuel terminal HecFleet with its intelligent firmware is a true allrounder, in particular when it comes to requirements of a fleet petrol station.

The variety of authorization options which can be realised with the fuel terminal HecFleet is remarkable. Mobile with the payment app easy2fuel, automatically with the vehicle recognition PetroPoint, the secure proproprocessing of common fleet cards with routing or the authorization via your fleet card with the FleetNet Host online authorisation service.

The operation at the fuel terminal is either made via the low-maintenance Piezo keyboard or via a user-friendly touch screen. The latter offers the opportunity to integrate your logo or animation.

HecPoll

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Remote Management and Central Administration

Master data and parameter administration, limit administration and product restrictions in real time, installation in your network or as a SaaS solution.



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Live-Monitoring: Monitor status messages in real time and take immediate measures in an emergency.



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Authorization System easy2fuel: Accelerate fuelling processes and their administration.



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Software eReady: Make your fuel terminal HecFleet fit for e-mobility.



HecFleet can be combined and extended in many ways:



Online Authorization Solution and Fleet Card
Acceptance FleetNet: Transform your station card into
a fleet card and increase your range. Accept the most
common fleet cards at your HecFleet, see pages 18-21

Automatic Vehicle Recognition PetroPoint:

Authorization directly at the fuelling point, see pages 22/23

Tank Content Measuring System OptiLevel: Safe measurement in real time, see **brochure Tank Content Management**

Further information on the fuel terminal HecFleet: www.hectronic.com/hecfleet



Heconomy – Proven and Flexible Professional for Company Petrol Stations.

Fuel Terminal Heconomy

With its high reliability, the housing types available and the manifold combination options Heconomy is perfectly prepared for the requirements of a company petrol station.

Via remote access and a maintenance programme it is possible to retrieve all major status data, carry out maintenance tasks and perform software updates.

Heconomy BL – The Cost-Effective Solution

The perfect system solution for small fleets with a company petrol station. Compared to Heconomy the scope of performance is reduced and provides efficient fleet management at a small scale and a remarkably attractive price-performance ratio.

Remote Management and Central Administration

Master data and parameter administration, limit administration and product restrictions in real time, installation in your network or as a SaaS solution.



HecPoll

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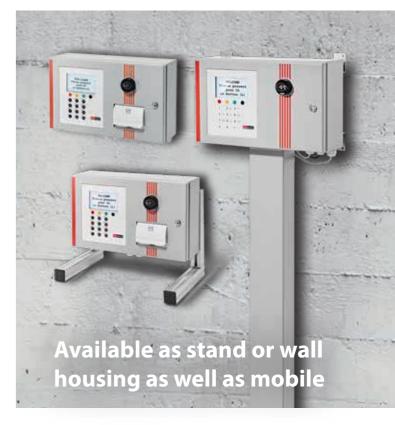
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Live-Monitoring: Monitor status messages in real time and take immediate measures in an emergency.



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Authorization System easy2fuel: Accelerate fuelling processes and their administration.



Heconomy can be combined with the solutions:



Automatic Vehicle Recognition PetroPoint:

Authorization directly at the fuelling point, see **pages 22/23**

Tank Content Measuring System OptiLevel:

Secure measurement in real time,

see Brochure Tank Content Management

Further information on the fuel terminal Heconomy: www.hectronic.com/heconomy



eReady - Energize your company or fleet filling station.

Software eReady

With eReady your entry into e-mobility becomes a piece of cake. By activating the software you enable your fuel terminal Heconomy or your fuel terminal HecFleet to process the authorization of fuel pumps and charging stations at the same time.

In simple terms, eReady transforms electricity into a further fuel you can offer at your company or fleet filling station. The authorization process will be reliably processed at the charging stations via the Open Point Charge Protocol.

As a provider of holistic solutions, we count on one system and the simple extension of the existing infrastructure. In this way, we allow for the operation of fuel pumps and charging stations in mixed operation - with very low investment!

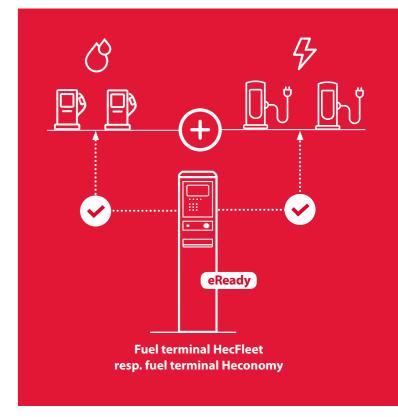
Functional Principle:

- **1.** The vehicle stops at the fuel pump or charging station.
- 2. An instruction leads to the fuel terminal
- **3.** The authorization of the filling or charging process is performed at the fuel terminal.
- **4.** After authorization the charging station and type of charge is selected at the fuel terminal.
- **5.** Now the vehicle can be connected to the charging station at the charging point and the charging process can be started.
- **6.** When the desired charging level is reached, the charging process at the fuel terminal is stopped and a receipt is issued.
- **7.** Now the connection between the vehicle and the charging station can be interrupted at the charging point.
- 8. The vehicle continues its journey.



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Authorization System easy2fuel: Accelerate fuelling processes and their administration.



eReady prepares your fuel terminals for e-mobility and can be combined with:



Fuel Terminals HecFleet: HecFleet is the all-rounder for unmanned fleet filling stations, see **pages 10/11**

Fuel Terminal Heconomy: Heconomy is a proven and flexible professional for company filling stations. Also available as cost-effective version for smaller fleets, see **pages 12/13**

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

16 | AUTHORIZE **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 ✓ Various identification and 0 authorization options plus card 7-1-1acceptances ✓ Barrier-free payment process in accordance with the German **Wall-housing** Charging Station Ordinance Standard connection via OCPP ✓ Compact and cost-efficient wallhousing solution Stand-alone housing

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
- Charging cards
- Station cards, company ID cards, RFID
- Authorization or payment app
- Digital receipt
- For n charging points
- Stand-alone & wall-housing

HecTron can be combined with the solution:

Touch Display

Digital Receipt



Authorization &

Payment App

Credit Card

D#

Charging Cards

Station Cards,

Company Cards,

Automatic Vehicle Recognition PetroPoint:

Authorization directly at the fuelling point, see pages 22/23

© PetroLine

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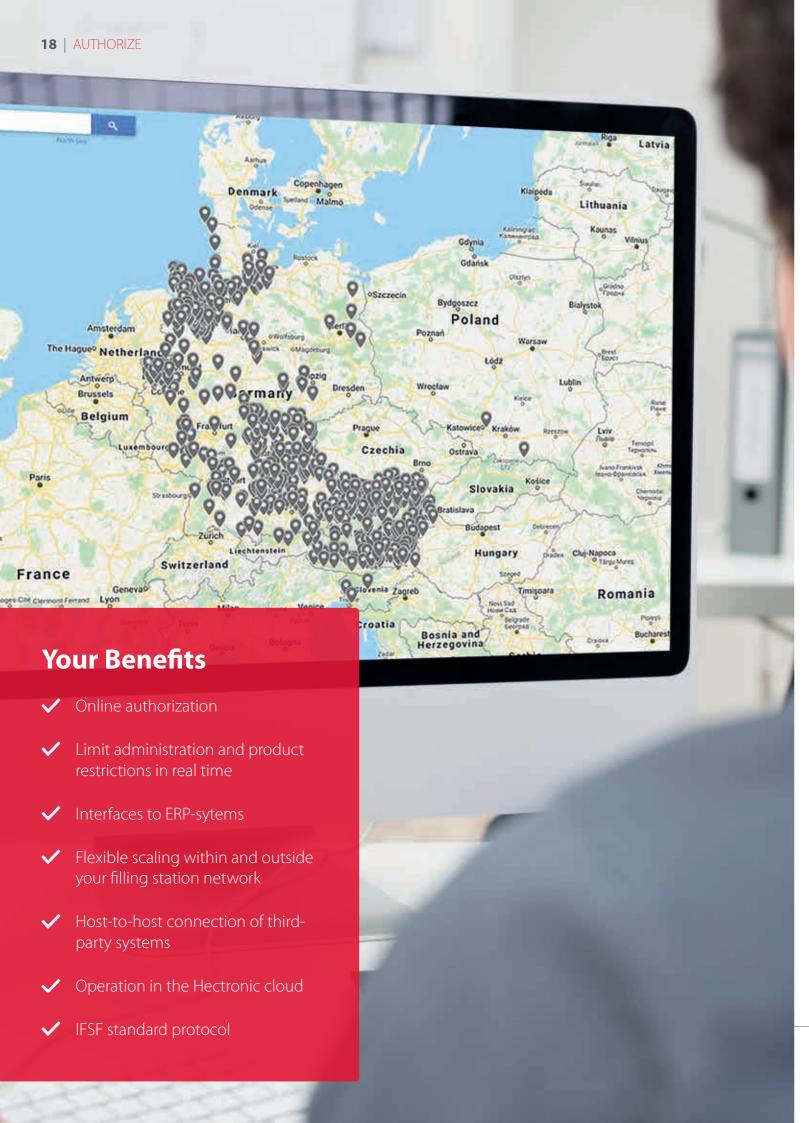
Live-Monitoring: Monitor status messages in real time and take immediate measures in an emergency.



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Accelerate charging processes and their administration.

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



FleetNet Host – Flexible Scaling of your Fleet Card Range

Online Authorization Solution FleetNet Host

The cloud-based software FleetNet Host processes the secure online authorization of fleet cards at the point-of-sale.

The design of FleetNet Host allows to flexibly extend the acceptance of your fleet card within and outside the filling station network. With FleetNet Host the acceptance locations of your fleet card can be scaled as required.

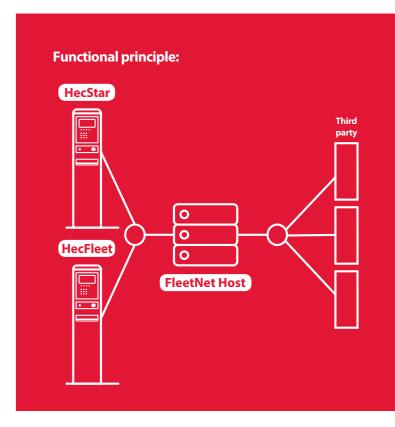
Your card data are centrally administered on FleetNet Host; card-specific product restrictions, card limits or blockings are stored.

FleetNet Host checks each authorization request against these parameters and ensures a quick release or denial of the fuelling. After an optional completeness check (reconciliation) the data sets are transmitted to your back office or ERP-system.

FleetNet Host is operated in the Hectronic cloud according to current requirements regarding reliability and performance.

Functional Principle

- **1.** Import of the card data and parameters from your back office or ERP-system.
- **2.** Installation of card acceptance within or outside your filling station network.
- **3.** Online authorization of requests and storage of fuellings.
- **4.** Bundled transmission of fuellings to your back office or ERP-system.



FleetNet Host works with the following products:



FleetNet Routing

The secure acceptance of the most common fleet cards, see **pages 20/21**



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Authorization System easy2fuel: Accelerate fuelling processes and their administration.

Further information on the host solution FleetNet Host: www.hectronic.com/fleetnet-host

- fleet cards at your fleet filling station
- ✓ Higher profitability by increasing fuel sales
- ✓ By accepting cards you win new customer groups
- ✓ Through the acceptance of fleet cards your market visibility improves
- ✓ Secure and reliable payment processing



FleetNet Routing – Accept the Fleet Cards of Your Choice.

Fleet Card Acceptance FleetNet Routing

FleetNet Routing opens up the world of the most common fleet cards that you can accept at your fuel terminal HecFleet or at your cash register HecPos.

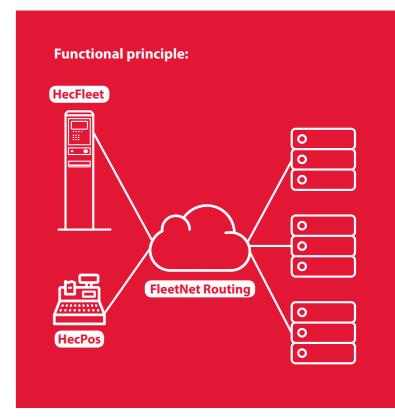
FleetNet Routing serves as an interface and connects your fuel terminal or your cash register HecPos to the servers of the different card issuers. FleetNet Routing thus allows you to easily extend the range of card acceptances at your fleet filling station.

While you welcome new customer groups at your filling station Hectronic ensures the smooth processing of one or several fleet cards.

With FleetNet Routing you also profit from the fact that your filling station is listed in the station finder of the respective card issuer.

Functional Principle

- 1. Setup of the respective tank or fleet cards at your fuel terminal HecFleet or at your cash register HecPos.
- 2. The online authorization of the card(s) via FleetNet Routing is made as soon as your fuel terminal or cash register is in operation.
- **3.** FleetNet Routing is the link for communicating with the servers of the fleet card issuers.



FleetNet Routing works with the following product:



Online Authorization Solution FleetNet Host:

Transform your station card into a fleet card and increase your range, see pages 18/19

Further information on the host solution FleetNet Routing: www.hectronic.com/fleetnet-routing

PetroPoint – Automatic Authorization of All Kinds of Vehicles at the Fuelling Point.

Automatic Vehicle and Driver Recognition PetroPoint

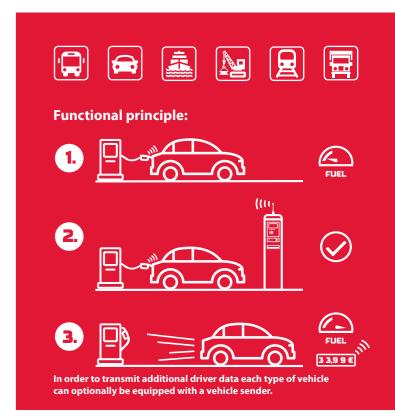
Automate your fuelling process now with the help of PetroPoint and profit from greater fuelling comfort, security and an increased vehicle throughput.

PetroPoint consists of the components: Nozzle unit for the petrol nozzle, a transponder mounted to the vehicle, an on board unit (optional) and the receiver. The com-munication between the components is wireless, allowing for easy integration into the existing filling station architecture.

Thanks to the modular setup the automatic vehicle recgonition can also be customized to your requirements, thus contributing to the step-by-step optimization of your fleet management.

Functional Principle

- **1.** The nozzle unit on the petrol nozzle identifies the vehicle via the transponder mounted to the vehicle.
- **2.** The nozzle unit radios the identified vehicle to the fuel terminal or forecourt controller. The authorization process is initiated and the fuelling process is started automatically. When the driver removes the petrol nozzle from the nozzle the fuelling process is interrupted (nozzle-out-function).
- **3.** As soon as the fuelling process is finished vehicle and fuelling data are available to the back office.



Configuration and Combination Options:



Vehicle Recognition (see Diagram)

Authorization is made via vehicle recognition. This requires a small transponder at the nozzle, a sending unit on the petrol nozzle and a receiver in the fuel terminal.

Vehicle and Driver Recognition

In addition to the vehicle recognition it is possible to transmit mileage, operating hours and driver identification during the authorization. For this purpose the additional vehicle sender is required.

Authorization- and Payment Terminal HecTron:

Simple and secure payment and authorization procedures processes, see **Pages 16/17**

uel ———

Authorization System: The practical benefits of the automatic vehicle recognition at the fuelling point (nozzle out function) are already integrated in the module MAX!

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Further information on automatic recognition: www.hectronic.com/petropoint



Your Benefits Fuel pump and fuel terminal in one High vehicle throughput ✓ Flexible and powerful ✓ Intuitive operation ✓ Exact consumption analyses and ✓ Available as single and double ✓ Comprehensive after-sales service:

HecPump – Compact Package Consisting of Fuel Pump and Fuel Terminal.

Auto Fuel Pump HecPump

As a combination of robust fuel pump and modern fuel terminal HecPump is a comprehensive solution to handle the identification and refuelling process at your company filling station – quick, effective and powerful.

HecPump can be customized to your requirements: As single or double pump, with different pump capacities, for diesel and petrol. HecPump can also be used in applications subject to calibration and has MID resp. ATEX approval.

HecPump BL – the Cost-Effective Solution

The perfect system solution for small fleets with a company filling station. Compared to HecPump the scope of performance is reduced and provides efficient fleet management at a small scale and a remarkably attractive price-performance ratio.



HecPump can be combined with the solutions:



Automatic Vehicle Recognition PetroPoint:

Automatic authorization directly at the fuelling point, see **pages 22/23**

Tank Content Measuring System OptiLevel:

Safe measurement in real time, see **Brochure Tank Content Management**

HecPoll

Remote Management and Central Administration

Master data and parameter administration, limit administration and product restrictions in real time, installation in your network or as a SaaS solution.



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Live-Monitoring

Monitor status messages in real time and take immediate measures in an emergency.

Further information on auto fuel pump: www.hectronic.com/hecpump



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 company and fleet filling station management or extend your existing system.

Our solutions from the areas MANAGE, AUTHORIZE, MEASURE and REFUEL 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 userfriendliness.

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.

A service and distribution network in Germany, Austria and Switzerland with over 70 partners provides you with absolute security and reliability – always in your vicinity.

Our repair centres are 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.

Numerous operators with different application scenarios rely on our solutions:

- Passenger transportation
- Forwarders
- Fleet card issuers
- Mining industry
- Building companies
- Container terminals
- Ship fuellings
- Airports

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