

EFFICIENCY IN REAL TIME



Maximum utilisation. Minimal effort.

falconic optimises your resources throughout the entire disposal process.
From the scheduling and logistics of your press containers to service, support and administration.

DISPOSAL LOGISTICS 4.0

Imagine your container fleet is monitored continuously and in real time. Your plants and systems automatically record, analyse and evaluate deviations and errors. Suitable measures are applied autonomously to avoid overfilling, to quickly resolve faults and plan emptying routes in the most resource-efficient manner.

All data for scheduling or billing can be transferred fully automatically to third-party systems. And, the data obtained is the basis for well-founded decisions in the future.



| falconic Platform - Diagram view

We offer you these and many other possibilities with **falconic** - the intelligent waste management solution for companies, waste disposal specialists, municipalities, cities and countries that want to focus on efficiency, transparency and sustainability.

BENEFITS

→ falconic PROVIDES AN OVERVIEW

The mapping of all machines and customer data in the **falconic** web platform provides an overview of your whole machine park and makes the management of even the largest waste container fleet extremely simple.

→ AUTOMATIC LEVEL AND LOCATION DATA

replace the reporting requirement by the operator and enable you to carry out emptying journeys **Just-in-time!**

This avoids overfilling as well as journeys with halfempty containers. This allows your staff to focus on the essentials.

All this increases container utilisation, reduces emissions and lowers the costs for your waste disposal.

→ STATUS MESSAGES IN REAL TIME

enable **short response times for service & support** and make your services faster and more flexible. This increases customer satisfaction.

→ REMOTE ACCESS

Remote access to your container fleet enables you or your service partners to carry out machine optimisations or to rectify faults. This avoids long journey times and high service costs. With the help of the historical data collected on your container fleet, you are able to make better and more informed decisions. Container bottlenecks can thus be counteracted at an early stage.

→ CONNECTION OF THIRD-PARTY SYSTEMS

Through the connection of third-party systems such as scheduling, billing or logistics systems via API, machine data and billing data can be **shared automatically**, which offers enormous potential for savings in administration.

This also allows you to provide subcontractors with **simple documentation** and a sound basis for operational decisions.

The **falconic** platform strengthens customer loyalty through increased transparency and contributes to improving the long-term business outcome.

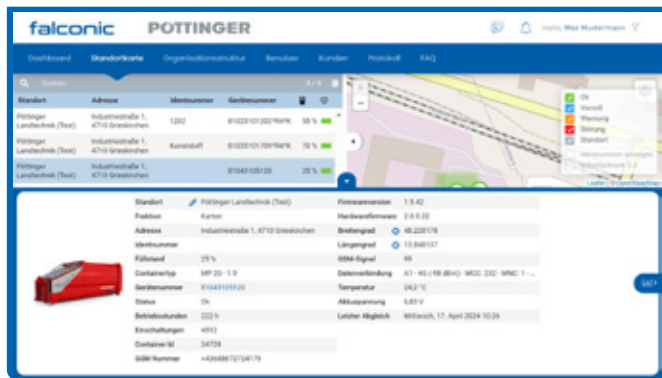
→ PAY AS YOU GO

The public availability of waste containers does not always mean that the containers are intended for everyone.

Our Multipress ECO models are equipped with weighing gates and connected to a payment system, enabling

„pay as you go“ waste disposal for end customers and transferring costs incurred fully automatically to the **falconic** web platform or connected third-party systems.

HOW WASTE MANAGEMENT 4.0 WORKS



| falconic Platform - Machine information

With the **falconic** platform, operators and service partners can monitor the entire container fleet 24/7 via PC and mobile devices, access machines remotely in the event of malfunctions, or query status and filling capacity in real time. In this way, collection cycles are automatically determined and integrated into the collection routes.



Give it a try.
The demo version
can be tested here.

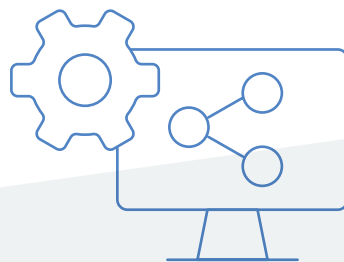


YOUR BENEFITS



IN SCHEDULING & LOGISTICS

- Overview of the entire container fleet in real time by visualising location and machine data via GPRS and GPS
- Personalised status messages (email/SMS) to dispatcher, customer or technology/service
- Perfect planning of container utilisation, transport routes & emptying intervals
- Optimisation of waste collection routes
- Just-in-time waste collection
- Maximum container utilisation
- Access detection via Access for external devices such as gates or barriers
- Integration in route planning tool
- Automatic transfer of location-related settings when changing containers (type of material, number of strokes, position of the press plunger, adjustment of the direction of motor rotation, etc.)



IN ADMINISTRATION

- Web-based platform for all **falconic** functions (locations, containers, operator & user administration, customer cards, logs, etc.)
- All information 24/7 and in real time
- Connection to existing scheduling and billing systems (ERP, CRM, etc.) via API interface
- Real-time fill level weights per machine (For machines with scales. For machines without scales, data can be retrospectively linked with container.)
- Simple operation thanks to Chatbot support
- Billing per originator
- Customer registration online
- Pay as you go.
Payment options directly on the machine.
- One map for all areas (collection centre, barriers, payment, etc.)
- Creation of statistics for all machine-related data (e.g. number of emptying processes, start processes, faults, etc.)
- Reduced administrative effort - full automation possible

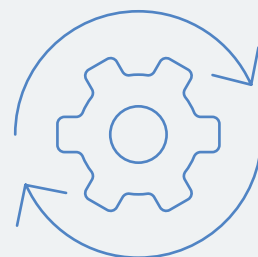


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IN AUTOMATION, NETWORKING & INTEGRATION

- Online configuration of the entire container fleet
- Proactive service through automatic maintenance or error messages
- Independent capacity optimisation
- Optimised machine control
- All data secure and encrypted in the **falconic** cloud
- Remote machine access enables remote maintenance by PÖTTINGER
- Digital spare parts list
- Dynamic level detection - changing the settings remotely
- Historical data analysis per container and location
- Ongoing further development of the software and machine utilisation
- Access via TeamViewer for ECO weighing gates and payment systems (W22 control cabinet)



IF QUALITY, PERFORMANCE AND EFFICIENCY ARE REQUIRED,

falconic is the essential tool for effective work organisation.

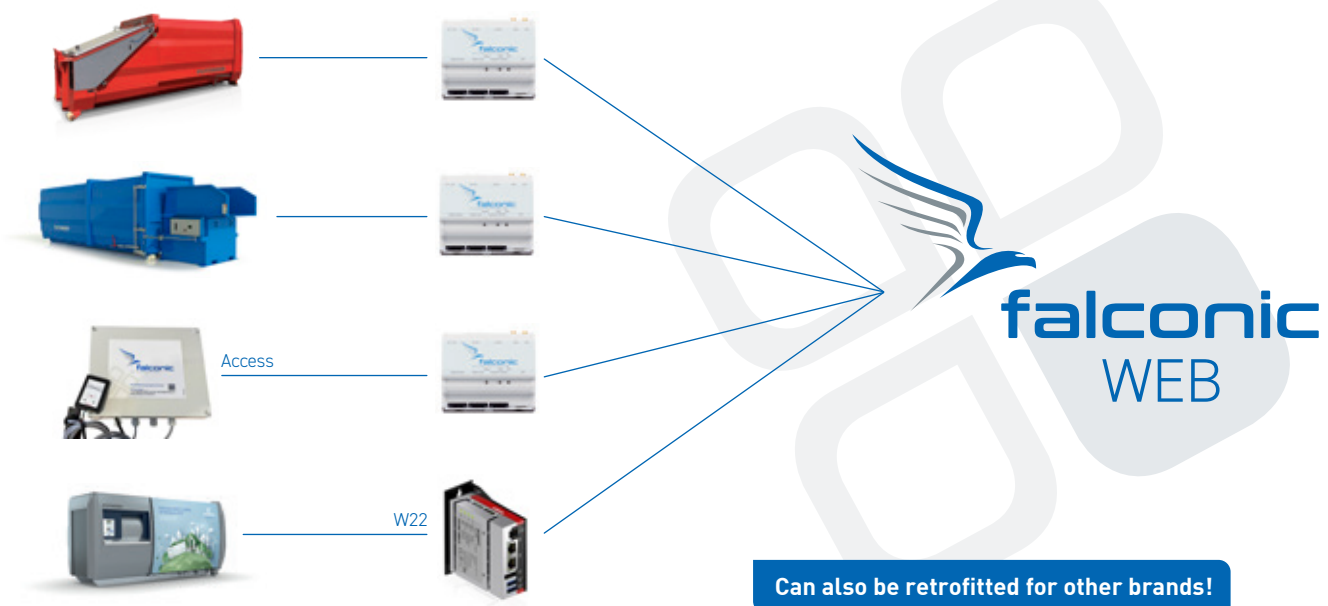
The right hardware for your press container fleet.

The centrepiece of our **falconic** complete waste management solution is the **falconic** control module.

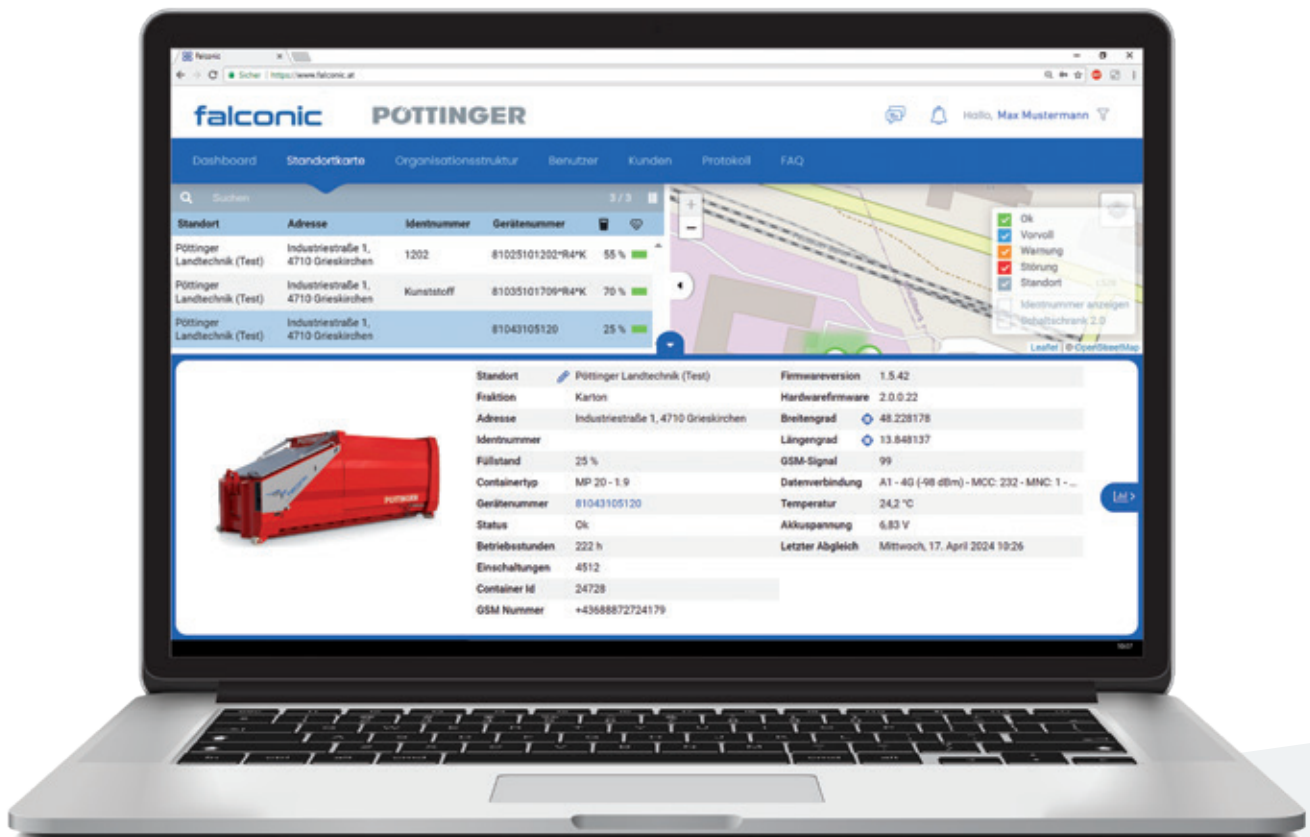
In combination with a SIM card or network connection, it enables communication with your press containers. The machine transmits all relevant data in real time to the **falconic** web platform and at the same time all settings for the presses can be made online.

- With our Multipress ECO models, which are equipped with weighing gates, weighing data can be transmitted directly to a connected billing system, enabling **PAY-AS-YOU-GO** waste disposal for end customers.
- The **CUSTOMER AUTHENTICATION** for our payment systems is carried out by identifying the customer cards via Access directly at the weighing gate (chip cards, RFID cards, magnetic strip cards or NFC).
- Furthermore, the new „W22 control cabinet**“ enables **ACCESS TO PRESS CONTAINERS** of the ECO series via TeamViewer**. This enables rapid troubleshooting and adjustments from a distance.
- **falconic** is also **RETROFITTABLE**.
In addition to all PÖTTINGER makes, also for other makes.

Networking our machines



* Windows control cabinet. This means that problems can be rectified and adjustments made remotely. / ** PÖTTINGER support is possible at any time via TeamViewer.



The falconic web platform includes everything that you need in our digital waste management industry.



- For each status message (pre-full and full message 50 - 100%, fault, maintenance, etc.), several responsible persons can also be stored in the system and can be informed by email at a freely selectable time.
- Automated linking with scheduling, billing, and logistics systems. Via standardised interfaces, valuable data can be flexibly transferred to existing scheduling and billing systems. Through the transfer of real-time locations, fill levels or status messages, you can make your internal processes even easier to monitor and optimise.
- The platform is used by 300,000 customers

The program provides you with:

- Visual representation of the entire container fleet
- Querying location and machine data in real time
- Remote access to the machines
- Location, machine, user and customer management
- Administration of access authorisations (e.g.: cards)
- Billing
- Statistics of all machine-related data
- (e.g. number of emptying processes, start processes, → Faults etc.) incl. download

Give it a try.

See the demo version here.



YOUR RELIABLE PARTNER

PÖTTINGER disposal technology

For us, comprehensive service means providing the best possible support for all our customers' individual needs.

At PÖTTINGER, we are focussed on all-round support, from initial contact to project acceptance and beyond.



Give it a try.

See the demo version here.

We offer you comprehensive advice on using our **falconic** solution to recognise potential savings and increase the efficiency of your waste disposal process.

Our support team is available to you throughout the entire installation and commissioning and also provides support during operation. Benefit from our many years of experience in the successful realisation of numerous projects.

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