

*Cleaning Technology
Municipal Technology
Waterjet Technology*

Hako



Hako-Fleet-Management

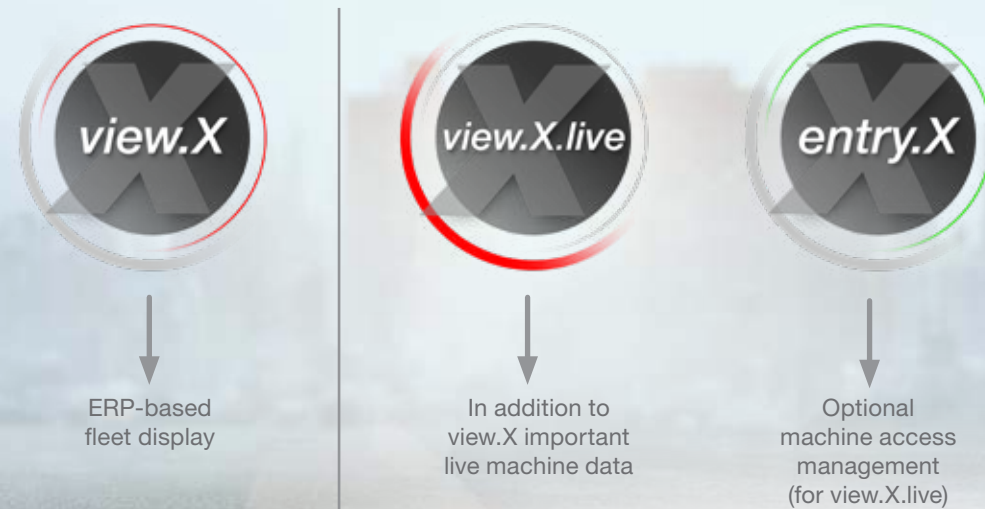
The Future of Fleet Management

More transparency, sustainability and economic efficiency

The modules

Hako-Fleet-Management consists of the module view.X or the version view.X.live equipped with additional functions - the latter can be combined with the electronic machine access authorisation entry.X on request.

Depending on individual requirements, the system's scope of services can be expanded in municipal technology with the third-party interface data.X.



Hako-Fleet-Management: Optimise your resources

The larger the number of machines in your fleet, the more important is a good overview of all relevant machine data in order to guarantee economically efficient operation of your fleet. Hako-Fleet-Management provides fully automatic transparency across the entire fleet - as a database for optimal machine use and cost management.

- Recording of all cost, contract and service key data as well as operating states while working
- Clear and transparent presentation in the web portal (on your PC, smartphone or tablet)
- Your entire fleet at a glance - from anywhere, at any time

Always available

We want your fleet to perform at its best at all times. That's why, whenever necessary, service requests can be made directly from the portal. The current machine status and the service codes are immediately transmitted to service technicians in your vicinity – traceable for you in the system at any time. This means that an expert with the right original spare parts is quickly on site.



Hako-Fleet-Management – here is why

- Cost transparency and control
- High machine availability
- Prevents machine damage
- Performance records
- Efficiency analysis
- Optimised fleet management



Preview of the new dashboard in development stage (actual representation may differ)



Watch your machines live
View all relevant operating information and track your machines' current locations online.

The module view.X supports economically efficient utilisation and management of your fleet. All evaluations are available online 24/7, and are easy to retrieve thanks to the tool's intuitive user interface.

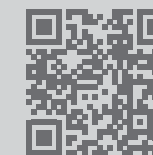
- Cost/budget management including comparison of budget figures with actual figures
- Service and maintenance history management
- At-a-glance overview of your fleet of machines

- Excel import including information on costs and operating hours
- Mapping of organisational structures with rights allocation
- Viewing and maintaining contract data
- Pre-setting of recurring appointments
- E-mail notification in the event of changing machine conditions
- Service requests can be made (and traced) directly from the portal
- When service is required, direct transmission of machine status and service codes to regional service technicians



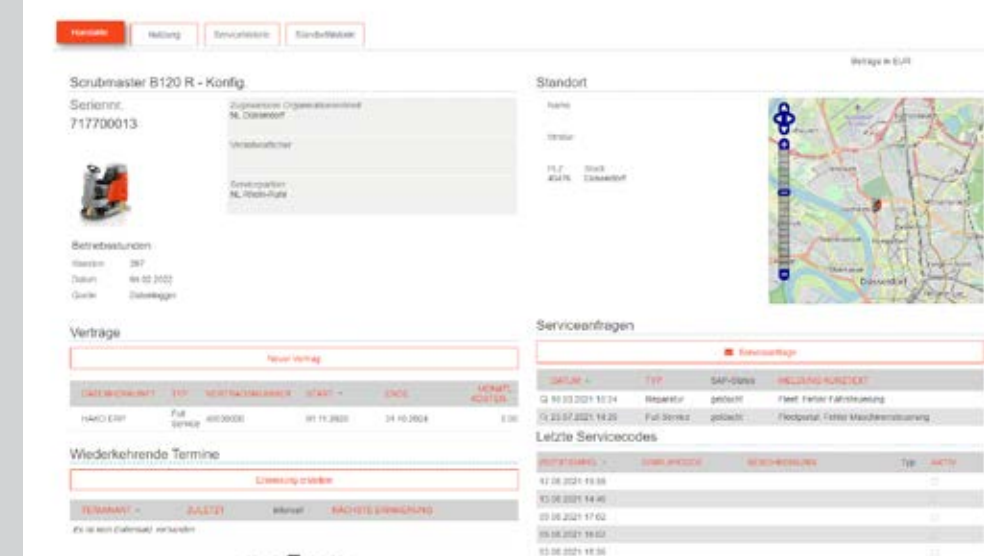
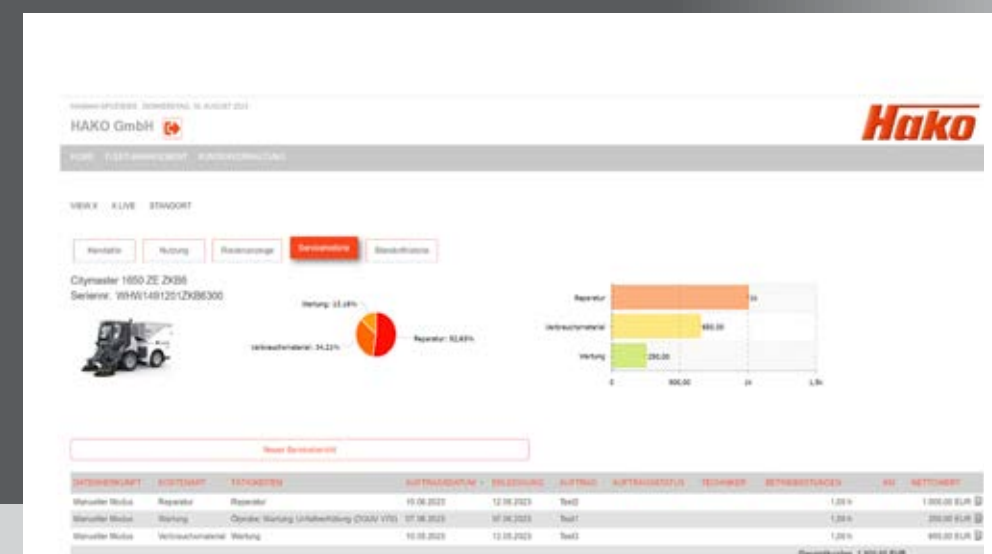
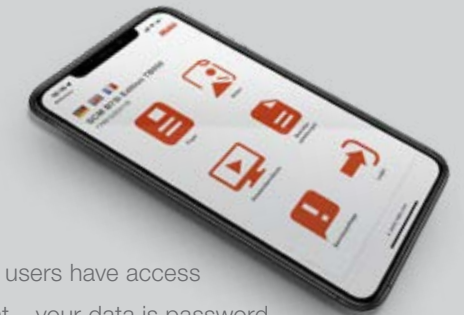
Clear visualisation of cost patterns and service requests.

Access to all contracts and recurring appointments as well as to the machine's service codes.



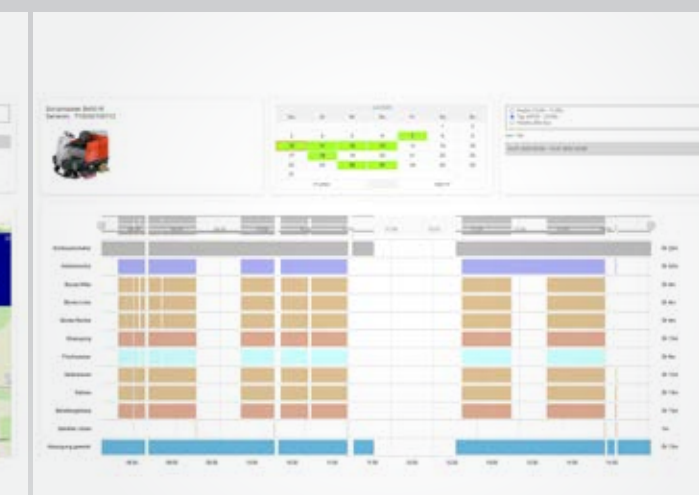
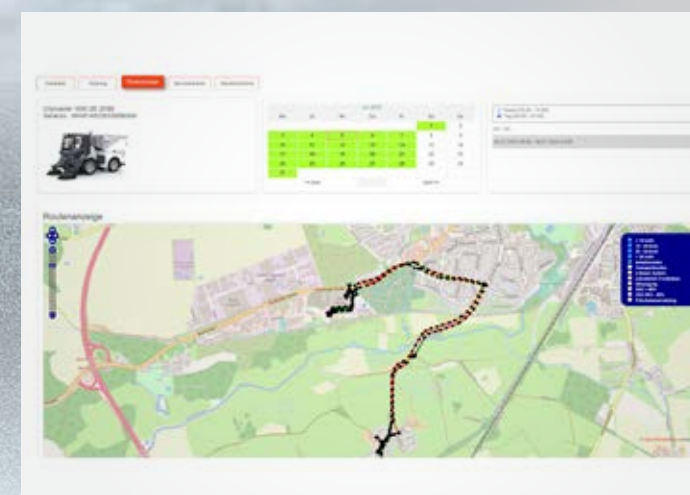
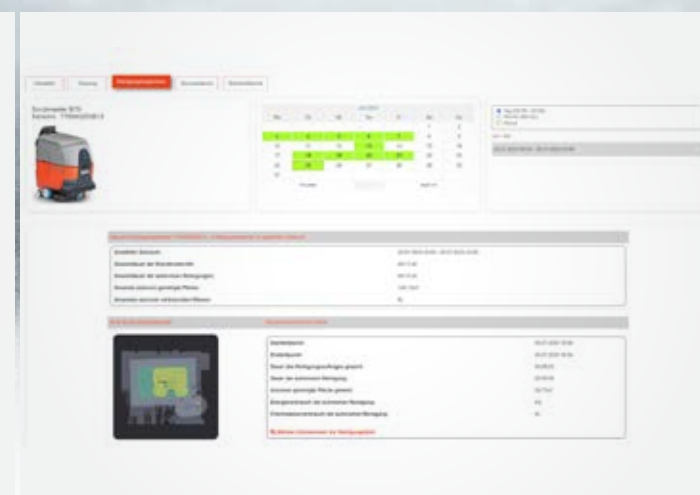
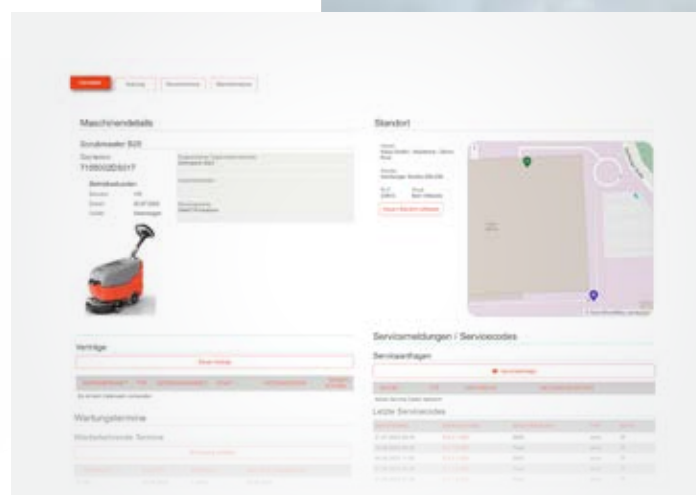
Scan and get started

Of course, only authorised users have access to Hako-Fleet-Management – your data is password protected. Existing users can log into the web application quickly and easily at any time and even load a widget page onto their home screen that can be accessed without logging in.





The module **entry.X**, our optional electronic machine access authorisation, completes the system and enables the machine operator to set up access accounts for authorised users. Working with the machine requires prior user identification.



Overview with current operating hours, location information and service code history of the machine.

Cleaning report of the autonomous scrubber-drier Scrubmaster B75 i with an overview of autonomously cleaned areas as well as energy and fresh water consumption

Detailed route view, filterable according to relevant criteria such as speed, working or transport mode, charging level, etc.

Status information on the aggregates according to time and duration

The module **view.X.live** contains all data and information recorded by view.X. In addition, all operationrelevant data of your fleet of machines is transmitted “live” and then visually processed in the web portal. This information can be used to create performance records for your clients. Combining the two information sources generates maximum added value and assistance in managing your machines and vehicles perfectly.

- Creating performance records
- Live transmission of operating times and current status of the machines

- Information about the current location and route tracking via GPS
- Recording of the exact hours of operation in real time
- Remote access to the machine
- Notification when service or maintenance intervals have been exceeded
- Live notification about machine availabilities through service and event codes
- Alarm function for periodic inspections/ maintenance tasks
- Display specially adapted for the autonomous scrubber-drier Scrubmaster B75 i with cleaning report and resource information



Efficient management and utilisation of your fleet

Hako offers strong solutions to keep your fleet of machines safely under control. Whether you operate cleaning machines, municipal vehicles or a combined fleet of machines: Hako-Fleet-Management visualises each machine’s current operational capability in real time to ensure maximum availability. All information is of course also available on your mobile devices, e.g. your notebook, mobile phone or tablet.

The Hako logo is written in a bold, italicized, red sans-serif font.

Open for the future



The mobility shift from combustion engines to alternative drives such as electric motors, as well as the increasing demand for autonomous systems, are also changing the demands on fleet management. Which charging solution is the most efficient? How can processes be automated even further to optimise the use of labour? And which key figures will become relevant in the future? Hako-Fleet-Management already offers answers today.

The new autonomous scrubber-drier Scrubmaster B75 i is already Hako fleet-ready, e.g.:

- Clear display of the cleaning report
- Overview of autonomously cleaned areas
- Information on energy and fresh water consumption

This data helps to improve the cleaning performance of autonomous cleaning technology even further.

Hako GmbH
Hamburger Str. 209-239
23843 Bad Oldesloe
Tel. +49 (0) 4531-806 0
info@hako.com
www.hako.com



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