HATZ

Performance Tracking –
The Boost For Equipment
Efficiency

Hatz Digital Solutions

hatz.digital

What Performance Tracking offers

Your benefits
- Easy Usability
- Profitability
- Comfort
- Effiency

Performance Tracking provides you with structured information about your machines and thus improves your profitability. Real-time transmission of engine operating states, backup measures and over-the-air updates for new functionalities make it possible. An IoT module with a data interface or a browser-based dashboard are used for this purpose. Your Hatz engine thus becomes an indispensable data provider for your optimized planning.

Perfectly schedule machines

Avoid unplanned machine downtime

Protect machines from theft and third-party use

Digitize your machine fleet simply and intuitively

Performance Tracking creates a foundation for decision-making for you by

- condition monitoring also of compact machines
- display of the running as well as the idling machines
- display of the machine location at all times - so that the machines stay where they are supposed to be
- Real-time alerts to the smartphone with the alert manager

You will benefit from

- less need for service due to optimal machine operation
- machines used in a targeted, effective and customer-oriented manner
- increased profitability of your fleet

Making the right decisions with the right information

Information is the key. Base your decisions on reliable values and facts to make the best use of your machines, determine the ideal time for maintenance or protect your machines from theft. And all this conveniently from your computer or mobile device.

Digital Machine Record
Localization
Operating Status
Service Management
Live Data
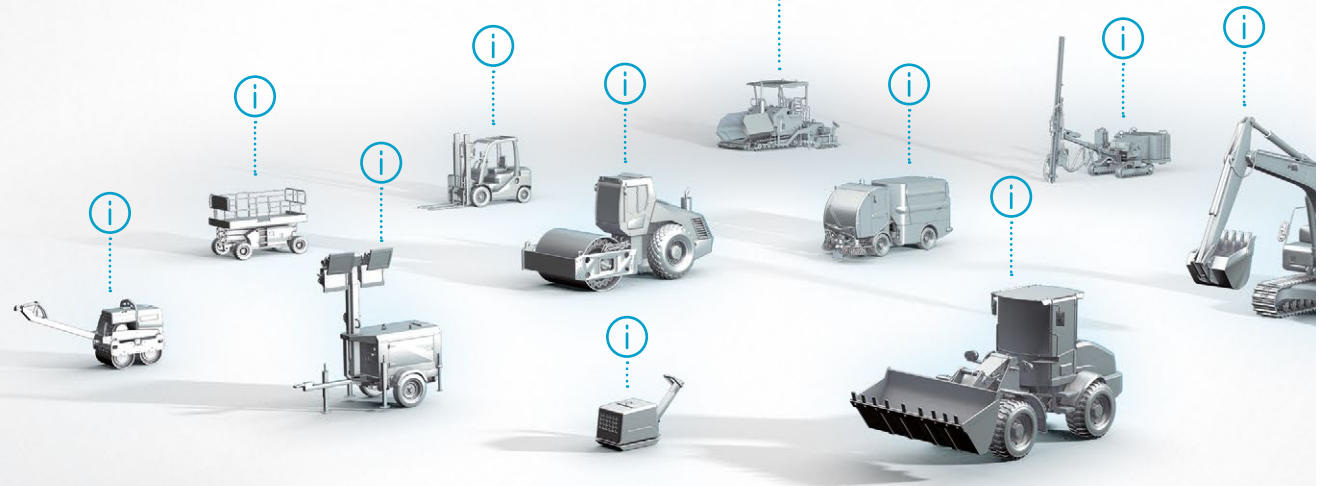
Performance Tracking provides you with important service-relevant information at a glance

- Current operating hours and any error codes of your engines
- Display of the next service interval
- Recommendation of necessary maintenance kits
- Service partner near to the machine location
- Error codes by mail or short message with the alert manager

You will benefit from

- planned service before machines break down
- less downtime and thus a higher efficiency of your fleet
- happy operators with machines ready to go when it matters most

Know which machine really needs service

With Performance Tracking, you have an even better overview of which machines need to be serviced when and which parts you need for them. This increases reliability, helps to optimize operational planning and saves time.

With Performance Tracking's localization and geofencing, you can be completely confident

- The last position of your machines is displayed – no matter if it was in operation or not

- Finding your missing machines becomes child's play

- In case of theft you will receive a warning

You will benefit from

- comfortable machine management

- maximum security for your investments

Secure machines from external use and theft

With Performance Tracking you increase the security for your machines. You always know the location of your machines and you determine in which area they can be put into operation.

ALARM
Site City Center
Machine MH1880
Outside geofence
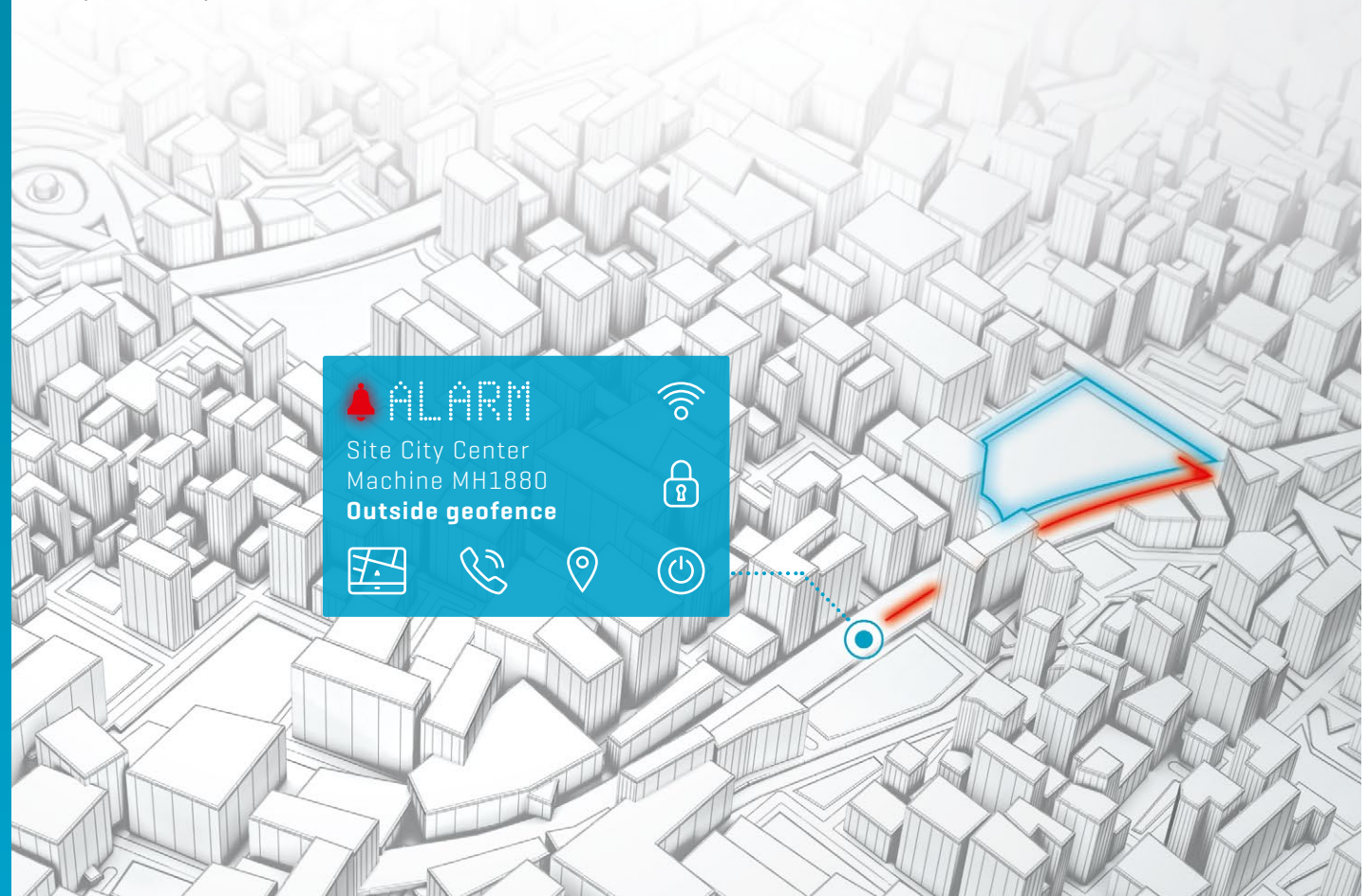
Performance Tracking
in 3 variants

- Connection to your fleet management software via a standard interface
- Hatz's browser-based IoT dashboard if you don't use fleet management software
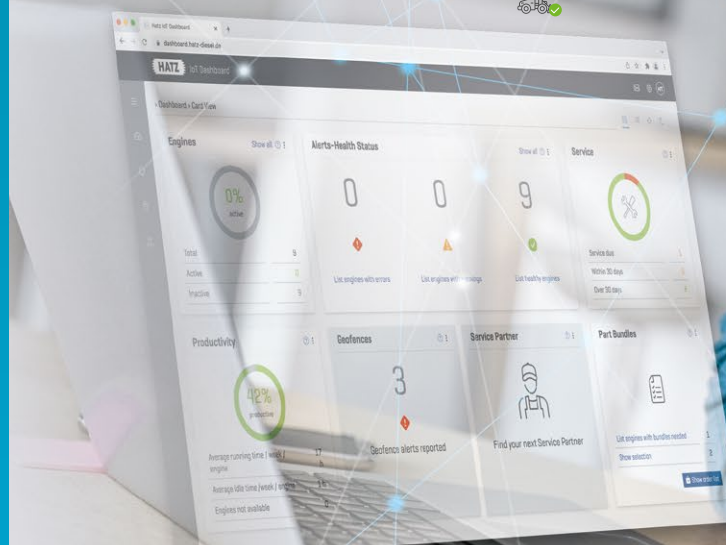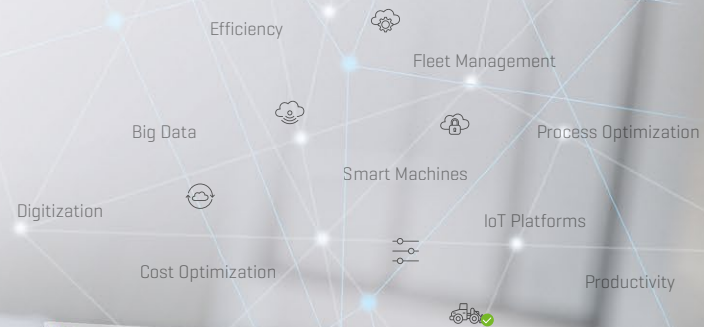- Customized, seamless integration of information into your existing management platform

You will benefit from

- future-proof: Whatever system you use, Performance Tracking can be conveniently integrated
- comfort: With little effort you leverage digital potentials
- more: upcoming functions for even more automation and smart maintenance are conveniently available via over-the-air update

Facilitate digitization of the machine fleet

It's a matter of using new technologies and integrating them optimally into business processes. We listen and with Performance Tracking, we are creating the opportunity to shape the future with new digital applications and services optimally.

Efficiency

Fleet Management

Big Data

Process Optimization

Smart Machines

Digitization

IoT Platforms

Cost Optimization

Productivity

Digital services that make your machinery even better

Want to try digitizing machines and engines on a small scale first? Or do you want to connect your entire fleet to the cloud right away? Both options are possible with our Digital Solutions packages.

Hardware: 1 Hatz IoT module +

Basic

Key features

✓ Unlimited management platform

✓ Data update every 15 min.

✓ AEMP 2.0 interface

More features

Optimize scheduling	★★★
Increase machine availability	★★
Prevent theft	★★
Digitize machines easily	★★

Advanced

Key features

✓ Unlimited management platform

✓ Data update ever 5 min.

✓ IoT-Dashboard

More features

Optimize scheduling	★★★★★
Increase machine availability	★★★★★
Prevent theft	★★★★
Digitize machines easily	★★★★

Pro

Key features

✓ Unlimited management platform

✓ Customized data update

✓ Customized data

✓ Customized interface

More features

Optimize scheduling	★★★★★
Increase machine availability	★★★★★
Prevent theft	★★★★★
Digitize machines easily	★★★★★

Optional features
for even more convenience

Add-On Alarmmanager

Push notification: Stay informed with automatic alarm notifications to your mobile device via email or short message.

Add-On Reporting

Push notification: Stay well-informed with evaluable information on machine usage. Facilitate your key figure analysis.

Hatz IoT Module –
Our intelligent data provider

The more strain the machinery is under, the more robust the hardware components need to be – like our IoT module, so that the operating data of your engines and machines is reliably transmitted to your fleet management at all times. The IoT module is easy to connect to the engine via CAN and connected to Hatz Digital Solutions in no time.

Encrypted data transmission and servers in Germany ensure maximum integrity and security for your engines' operating data.

Features of the IoT module

- Cache memory for data backup in case of poor network coverage
- Backup battery (Lithium-ion battery incl. battery heater) protects against failure of the IoT module
- FCC- and CE-compliant
- Protection class IP67 or IP69K for robust use under harshest conditions
- Geopositioning: GNSS receiver supports various satellite systems for reliable global positioning
- Voltage supply: 12, 24 V DC
- CAN-FD capable interfaces with J1939/UDS/KWP2000
- Motion sensor
- 2 digital/analog inputs
- 2 digital/analog outputs

Next steps

Are you convinced of the benefits Performance Tracking can offer to you and your machine management? Getting started digitizing your compact machines with engines from Hatz couldn't be easier.

You're in?
Great!
Here's how it goes:

1.

Contact us:

Phone +49 8531 319-5055
sales.digital@hatz.com
hatz.digital

2.

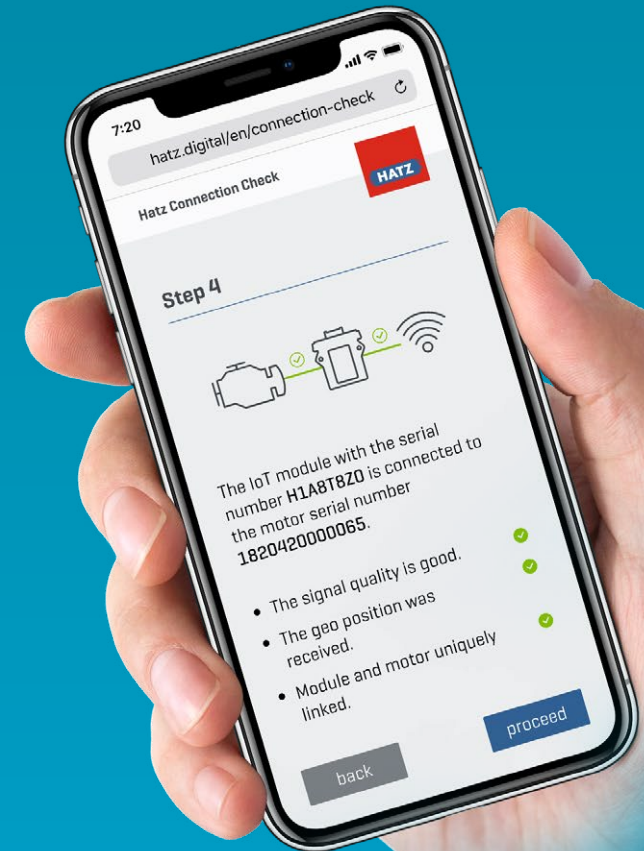We will select the right product together with you.

3.

When ordering hardware and software you agree to our terms of use.

4.

Register your company and engine at hatz.digital/login.

5.

Easy installation with the Hatz Connection Check Web App and off you go.

**CREATING
POWER
SOLUTIONS**