

EFFECTIVE FLEET MANAGEMENT



SENtrack

TELEMATIC SYSTEM

Efficient use of machine software



SENtrack, SENNEBOGEN's telematics system, brings more transparency to your fleet and machine utilization. State-of-the-art software awaits you, giving you optimum control over your maintenance planning and documentation, enabling you to receive notifications on your smartphone or by e-mail, and increasing machine availability.

EASY SERVICE MANAGEMENT

Keep track of your fleet with SENtrack Service Management. You can now conveniently determine the maintenance requirements of your machines with just a few clicks and document individual services digitally.

SAFEGUARD YOUR INVESTMENT

Transparent movement patterns of your machines enable effective protection from theft: We notify you or your employees on request about the movement or use of your machine outside the time window or movement framework you have set yourself.

EASY TO USE & WIDE- RANGING COMPATIBILITY

The dashboard or individual machine profiles give you a real-time overview of the most important key figures for your fleet: Performance indicators, e.g. consumption or temperature, provide information about the condition of the machine. And thanks to the simple interface solution, you can easily integrate the standardized collected data into other fleet management systems.

36 MONTHS OF FREE USE

SENtrack is part of the standard equipment in almost all new machines: Get to know the system for a full 36 months – free of charge and available in almost all countries worldwide.

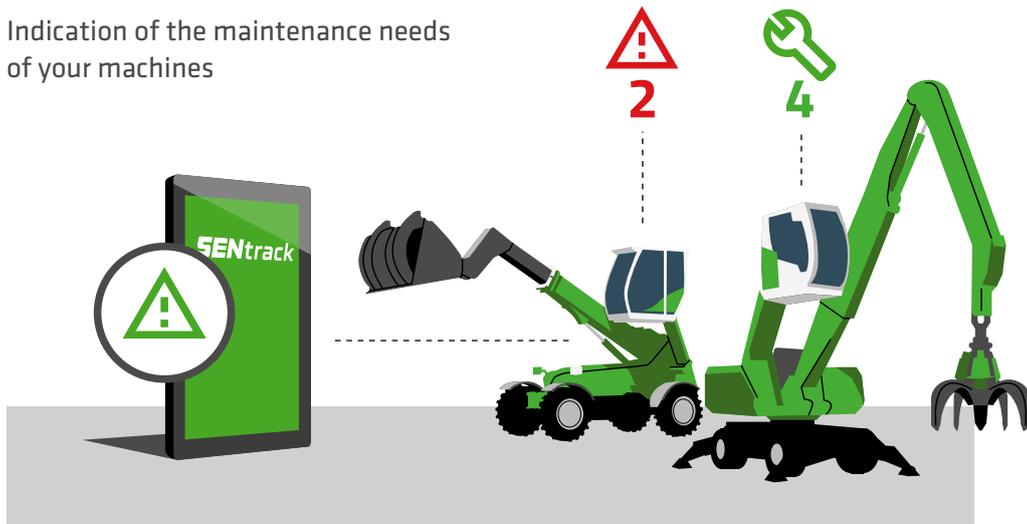
ADVANCED SERVICE PLANNING WITH THE NEW DASHBOARD

The dashboard's user-friendly overview gives you insight into the service status and utilization of your fleet. The map view enables you to react immediately to system messages and have individual machines checked. Your service and deployment planning has never been more effective.



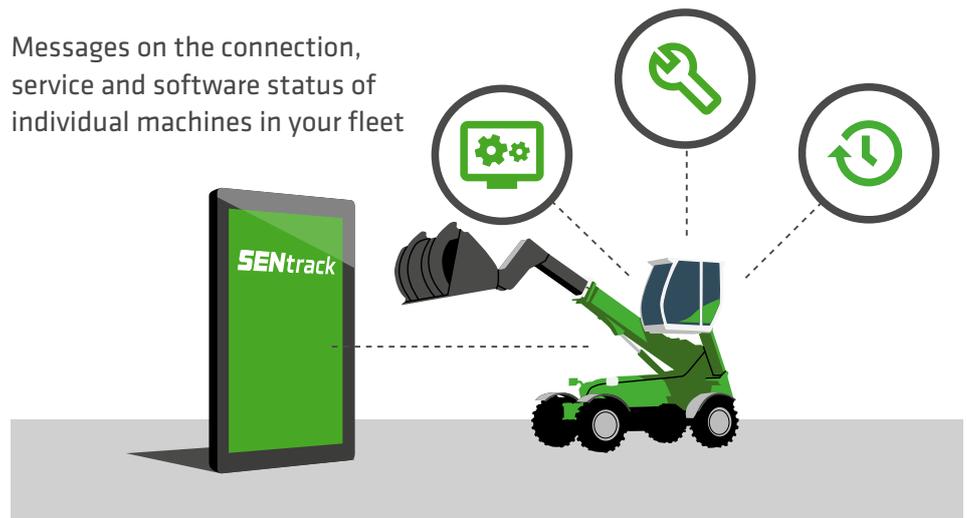
Notifications of critical machine statuses and number of affected machines

Indication of the maintenance needs of your machines



Number of operating hours per day for all machines the user has access to

Messages on the connection, service and software status of individual machines in your fleet



Easily locate the machine with GPS and map view





SERVICE MANAGEMENT CONVENIENT & SEAMLESS

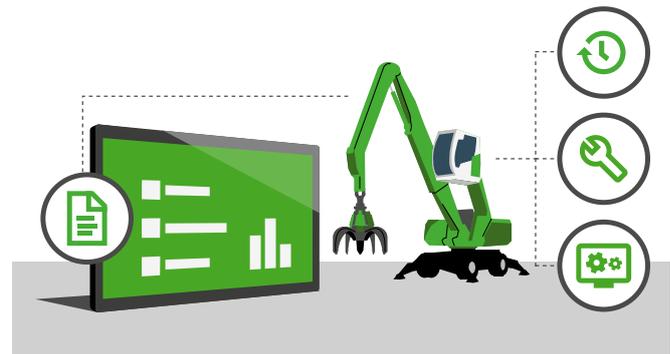
Service management has never been easier: Let us remind you of your next service. Your service plan can be viewed at any time and provides you with the necessary overview.



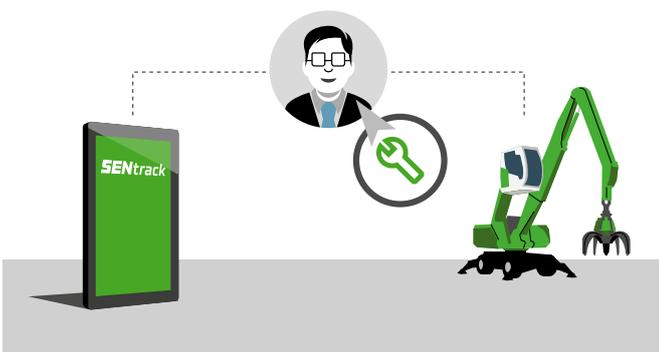
DIGITAL & TRANSPARENT



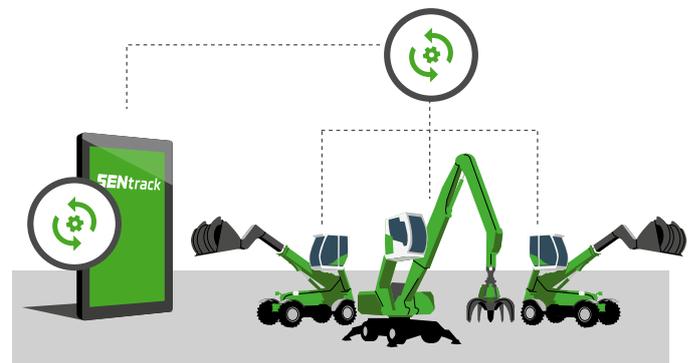
Convenient service planning: The digital service plan reminds you of regular maintenance intervals to preserve the value of the machines in the long term. Your standard services are predefined for you, you can add extra service intervals or unscheduled services directly in the system.



Easy maintenance documentation: All maintenance work on the machine is collected in your service log. Similar to a conventional vehicle maintenance log, online documentation can add value when it comes to resale.



Preventive service: You immediately recognize deviating machine parameters and arrange preventive maintenance together with your sales and service partner before a damage incident occurs.



Software over-the-air: Long established in the world of smartphones, updates can be loaded directly onto the machine in the G series. This is centrally triggered, so many service deployments can be reduced.

FASTER INFORMATION & ANTI-THEFT PROTECTION



Simply react faster and determine which group of people will receive notifications about critical machine conditions, maintenance requirements or irregular machine movements. Your service partner, technician or machine operator will be informed immediately via SMS, WhatsApp or e-mail.

Protection from theft with Digital Fences:

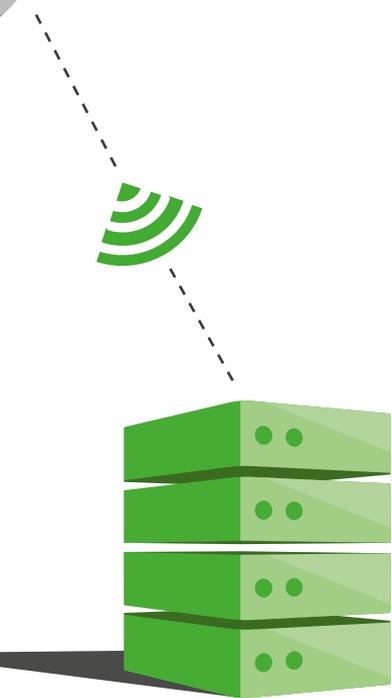
Transparent movement patterns on your machines make effective theft protection possible thanks to geo- and time markers known as Digital Fences.

If your machine moves outside of the construction site or premises, simply reduce the working speed when:

- /// **The geo-fence is actively exceeded:**
The machine exceeds the predefined working range with the engine switched on
- /// **The geo-fence is passively exceeded:**
The machine exceeds the predefined working range with the engine switched off, e.g. on a flatbed trailer
- /// **The time fence is exceeded:** Machine transmits data outside the predefined time window

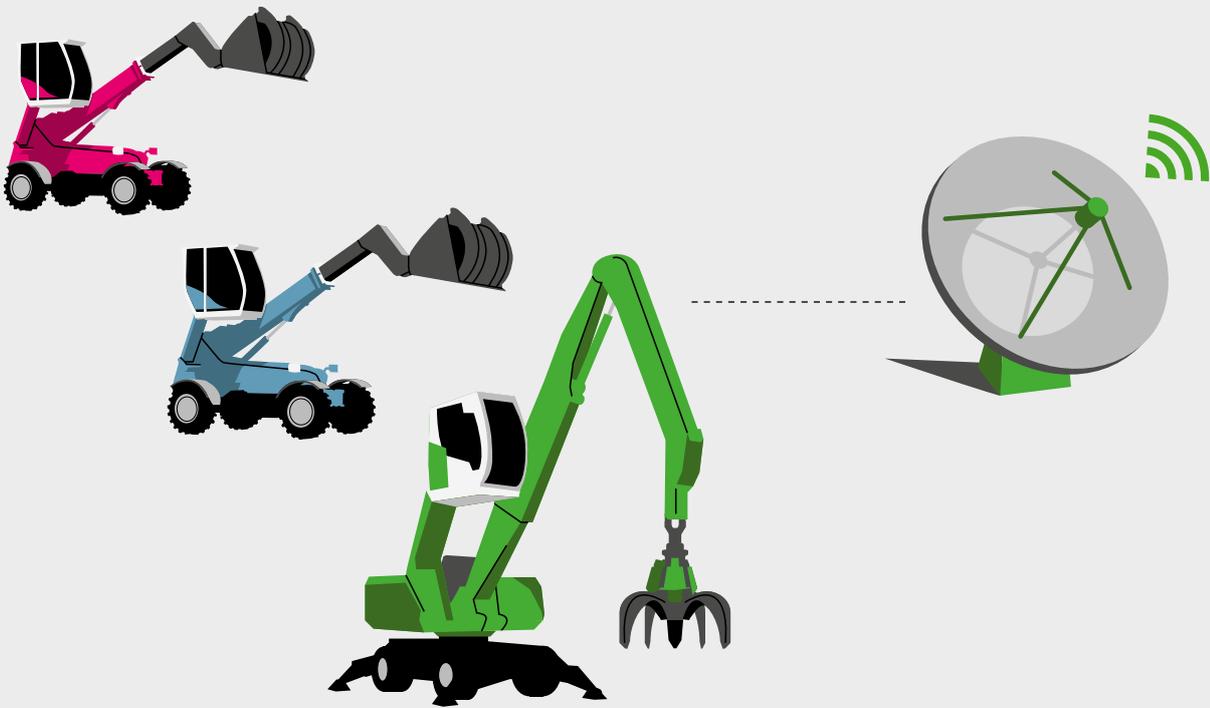
WHO RECEIVES NOTIFICATIONS?

- ✓ **Easy user management:** After the machine has been officially handed over by the SENNEBOGEN dealer, you receive admin rights to create additional users.
- ✓ **Relevant information:** Notifications can be configured independently via the user administration so that you only receive relevant messages, e.g. error messages, violation of geo-fence or time-fence – once a day in list form or immediately at the time of the event.



MULTI-COMPATIBLE DATA INTEGRATION

We know the world is colorful: If you use alternative data analytics applications to analyze your fleet with machines from different manufacturers, data integration is easy and can be done in just a few steps thanks to our interface solution.

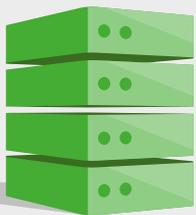


/// **AEMP standard data collection:** AEMP defines a set of data regulated by ISO TS 15143-3:2019. Mobile machines must provide the data sets in standardized form via telemetry, so that machines from different manufacturers can be orchestrated together in fleet management.

/// **REST API:** 100% of the machine data is available via a REST API (application programming interface). This means that the data can be accessed web-based, displayed locally or online and processed further in your system.



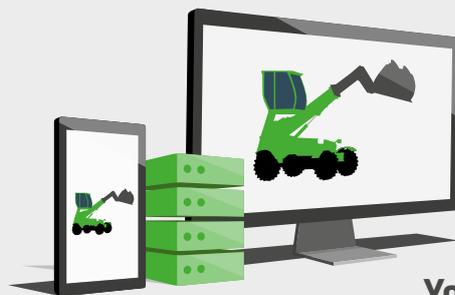
SENtrack



REST/AEMP



Data analytics applications



Your systems



/// **Automated data integration:** Thanks to REST API, you can quickly integrate SENNEBOGEN machine data into your own ERP system or other fleet applications for optimized invoice processing or machine coordination.

/// **Data security:** We comply with data security requirements in a special way by storing the data exclusively on European servers. Your service logs and machine reports are securely accessible to you indefinitely. The communication between the machine and cloud is also authorized with certificates and is therefore encrypted as securely as your banking transactions.

YOUR PATH TO THE NEW SENtrack

Following a new machine purchase, your responsible service partner will give you access to the system and you will use **SENtrack for 36 months free of charge** in the “GOLD” standard.

After the initial phase, you have various options for extension for a further 12 or 24 months – whether with full access or with a cost-effective alternative in the BASIC package. The decision is yours!

EASY ON-BOARDING



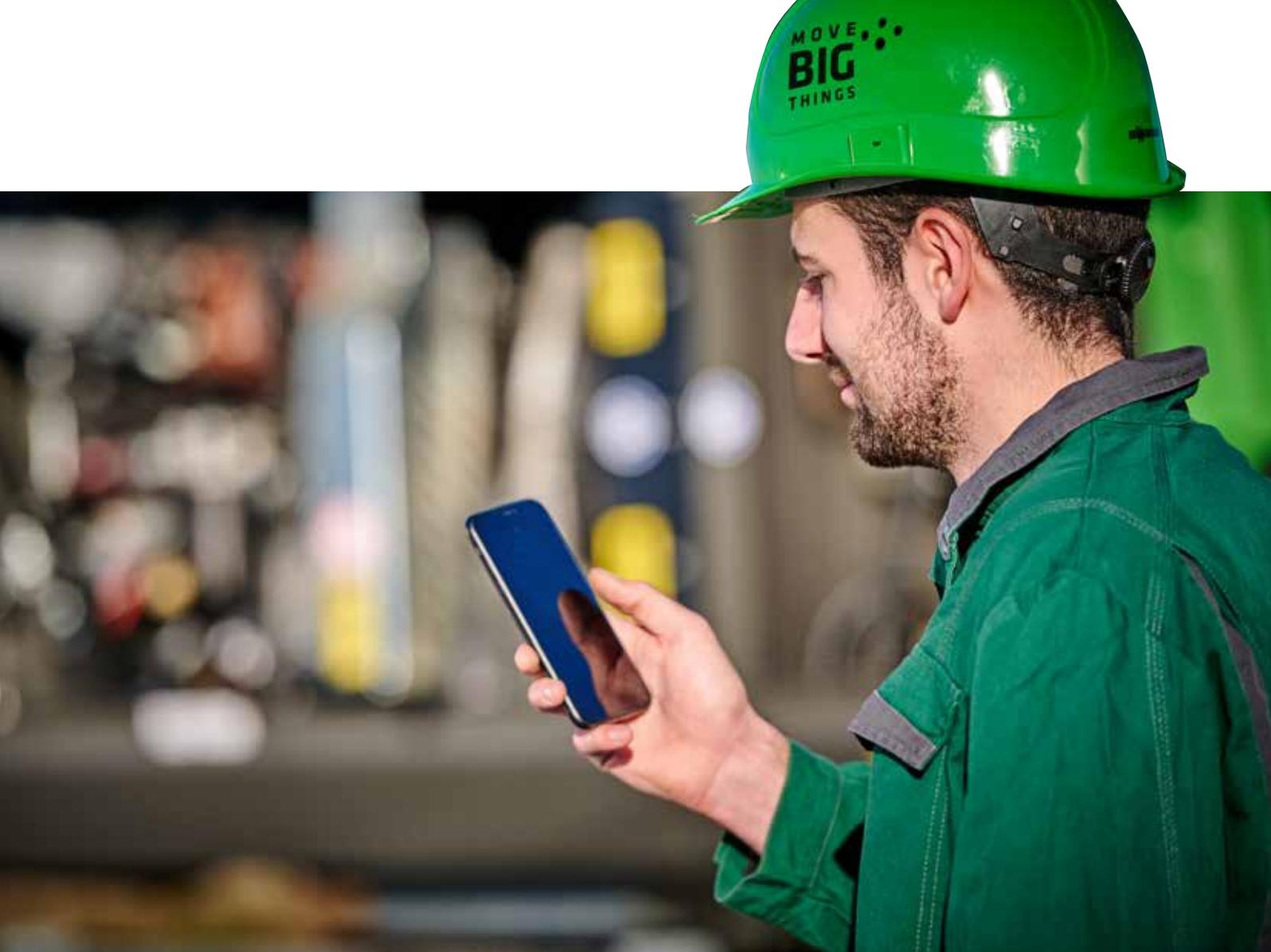
MACHINE PURCHASE

SENtrack is included as standard, depending on the machine generation and country of use.



MACHINE DELIVERY

Delivery includes an active SIM card
Machine sends data immediately after activation by the dealer



HANDOVER

Dealer officially hands over machine via SENtrack portal
Contractual start date for SENtrack use

INITIAL PHASE

From this point on, you can enjoy all SENtrack benefits free of charge in the GOLD package

EXTENSION

GOLD package with full access to all functions for a further 12 or 24 months
BASIC package for another 12 or 24 months



THE SENNEBOGEN ACADEMY TRAINING AND SUPPORT

We will show you how you can use the SENtrack telematics software profitably in an intensive training as part of our e-learning service. We are happy to support you in all questions relating to the use of the platform.

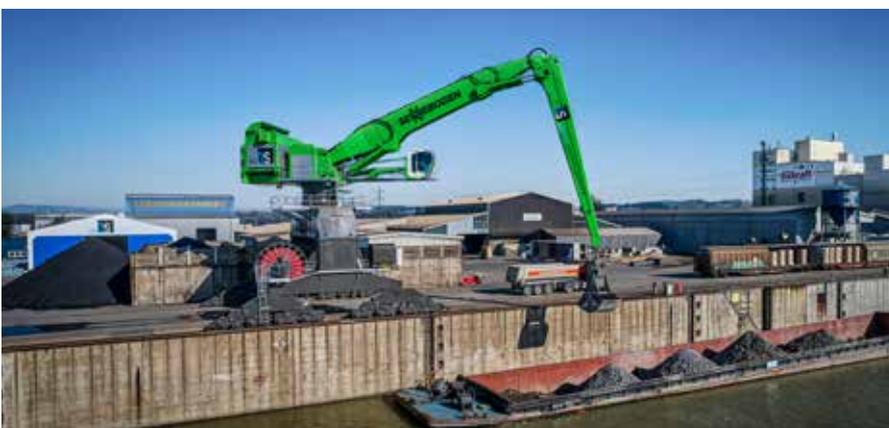
Additional trainings available on request.

➤ www.sennebogen-academy.com

GLOBAL CUSTOMER FOCUS – ON A LOCAL LEVEL

SENNEBOGEN will provide you with comprehensive technical support from your first contact right through to after sales, whether that be with project planning, maintenance requirements or repairing your machine.

- More than 180 sales partners worldwide
- More than 300 service stations
- Subsidiaries and agents in all the most important key regions



Are you interested in
SENtrack? Contact your
SENNEBOGEN dealer for
advice.

www.sennebogen.com

This catalog describes machine models, the scope of equipment of individual models, and configuration options (standard equipment and optional equipment) of the machines delivered by SENNEBOGEN Maschinenfabrik GmbH. Machine illustrations may contain optional and supplementary equipment. Actual equipment may vary depending on the country to which the machines are delivered, especially in regard to standard and optional equipment. All product designations used may be trademarks of SENNEBOGEN Maschinenfabrik GmbH or other supplying companies, and any use by third parties for their own purposes may violate the rights of the owners.

Please contact your local SENNEBOGEN sales partner for information concerning the equipment variants offered. Requested performance characteristics are only binding if they are expressly stipulated upon conclusion of the contract. Delivery options and technical features are subject to change. All information is supplied without liability. Equipment is subject to change, and rights of advancement are reserved. © SENNEBOGEN Maschinenfabrik GmbH, Straubing, Germany. Reproduction in whole or in part only with written consent of SENNEBOGEN Maschinenfabrik GmbH, Straubing, Germany.

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