



# CARETRACK



# The power of CareTrack

CareTrack is the Volvo Construction Equipment telematics system that gives you access to a wide range of machine monitoring information designed to save you time and money. With CareTrack you can reduce fuel costs, optimize machine and operator performance and proactively manage service and maintenance to maximize uptime. Stay connected to your machines via remote monitoring and experience new levels of control and efficiency with CareTrack.

## Save time

Proactively manage your machines and increase your uptime by planning service and maintenance requirements in advance with CareTrack. The system strengthens the relationship between dealer and customer, helping you to maximize machine availability and avoid potential problems. Through CareTrack it's possible for your local Volvo dealer to troubleshoot faults remotely – minimizing service time.



## Infinite opportunities

CareTrack presents infinite opportunities to help you get the most out of your machine. From fuel consumption data to location and machine usage reports, the system gives you access to a wealth of information – allowing you to take actions that will have a noticeable impact on your business. Begin by making a few simple changes and then discover specific functionalities to unlock further savings.



# SAVE MONEY



Keeping track of your machines with CareTrack allows you to optimize productivity and save money. Through operational reports you can identify excessive idle time – information that gives you the power to reduce fuel consumption, non-productive machine hours and service costs.

# Customer testimonials

To learn more about CareTrack, here is what some of Volvo's customers had to say:

*"We use it to check and monitor our machines to verify the Wheel Loader and Excavator are functioning correctly and check consumption and the optimisation of working hours."*

**Fabio Favelli, owner**  
Estrattiva Favelli, Italia

*"CareTrack allows me to easily monitor operations from the head office – now I can inform the site about equipment problems, rather than the other way around. It's made my job much easier."*

**Sarup Agarwal, Head of plant and machinery**  
Ambey Mining Pvt. Ltd. in India

*"With CareTrack, I can get to know alarm and error code information as early as possible to avoid machine failures."*

**Song Youfeng, Private owner**  
Handan Wuan, Hebei, China

*"Monitoring the machines at all times has helped us boost efficiency."*

**S.C. Saraswat, General Manager**  
EROS Minerals Pvt. Ltd. India

*"The best part of CareTrack for me is when my operator has a problem it comes up on his screen and he can call my shop via internal radio. He doesn't have to stop, doesn't have to pull that machine out of production. Our shop can do the diagnostics through CareTrack and keep that machine operating."*

**Ian Ross, General Superintendent**  
Terminal Forest Products, Langdale Division, U.S.A.

*"I feel very convenient to check machine hour and calculate operator labour hours by using CareTrack."*

**Han Xishun, Machinery Manager**

Handan Rongxi Steel Company, Handan, Hebei, China

*"CareTrack Anti-theft is convenient to protect my business, and active tracking is cool."*

**Zong Shujun, Private owner**

Kelamayi, Xinjiang, China

*"Working with CareTrack helps us greatly with maintenance and scheduling of services. We're tracking operating hours when the machine is being utilised and downtime. We can track the fuel consumption on a daily or hourly basis. In the office we can log in and check our equipment any time of day without having to go to site, we can do it all from our computer"*

**Sharon O'Donoghue, Managing Director**

Landmark Contracting, Melbourne, Australia

*"CareTrack really helps us with our downtime. It alerts us via email directly to critical personnel's phones so they can respond immediately. A lot of times we will know of those alerts even before the operator does."*

**Don Morgan, Vice President**

Morgan Contractors Inc., Clarkesville, Tennessee, U.S.A.

*"Sita uses CareTrack mainly for fuel efficiency and monitoring operating times. Each year we save almost 3 000 litres of fuel per machine in total we save 15 000 litres of fuel per year. Sita also uses CareTrack for machine alert notifications and productivity and this ensures we efficiently process as much waste as possible and limits downtime to a minimum."*

**Wim Veldhuis, Technology and Maintenance Manager**

Sita, Netherlands

# CareTrack unlocks productivity

Maximize your profitability and get a competitive edge by receiving the data you want from Volvo's state-of-the-art CareTrack system. Whatever your business operation, Volvo has a range of features that will help you to get the information you need to effectively manage productivity and machine availability. Perform in the best possible way by choosing the packages that suit your specific needs.

## Location and hours

Keep track of your machines in real-time and pinpoint their exact location with CareTrack's mapping and tracking feature. The portal can display information including machine hours and fuel level. CareTrack has time and geo-fence functionalities which can notify you if a machine is used outside its designated hours or area.



## Increase efficiency

Getting machines to do more while using less fuel are two of the most important factors on a construction site. With CareTrack you can identify unnecessary idling and eliminate wasted time and fuel consumption. This information also allows you to monitor operator efficiency and plan training.

## On Board Weighing (OBW)

Combining OBW technology with CareTrack provides unprecedented insight into articulated hauler productivity. The system monitors the payload weight and relays this information to load software integrated into the machine's electronics. This helps prevent overloading and the machine wear, tire damage and excess fuel consumption that go with it.



## Anti-theft

The integrated anti-theft system for crawler excavators protects your machine and keeps your investment safe – giving you peace of mind. Machine tampering, movement sensors and time-fencing functionalities detect unauthorized use or transport, allowing you to immobilize and track the machine remotely. A back-up battery ensures machine protection even if the power is cut.

## **CareTrack standard**

- Access machine hours and location.
- Manage machine service plans and wear parts via the web portal.
- See your machines on one map.

## **Tracking and status**

- Geo and time fencing will notify you via the portal – or via email/SMS if you create a notification report – when a machine goes outside pre-set location and time boundaries.
- A status report provides access to fuel level, machine location and machine hours.

## **Operation**

- Optimize your fleet and maximize productivity with fuel consumption, machine utilization and excessive idle reports.
- Machine specific reports highlight how each machine is used and if operators are working efficiently – helping to identify training opportunities.
- Reports can be emailed directly to the user – providing easy access to key information.

## **Service management**

- Create a notification plan and receive email or SMS alerts when a machine alarm is activated – for example when the engine oil is too low.
- Create a notification plan and, based on actual machine hours, the service planning function will inform you via email or SMS when a machine is approaching its service date as well as approximately when it should be conducted.

## **Production**

- Volvo articulated haulers fitted with On Board Weighing technology show the machine's true productivity in tons/liter.
- Accessible information includes load efficiency, number of cycles and what percent of those cycles were overloaded. This information can be used to support operator training which can reduce fuel consumption and improve component life.

## **Anti-theft**

- To reduce the risk of machine theft, Volvo crawler excavators can be fitted with an antitheft active tracking system.
- Create a notification plan and receive email or SMS alerts when a pre-set trigger has been activated. Once activated, the machine will be immobilized when it's shut-down. The machine can be immobilized and remobilized through the web portal.

## **Communication**

- Satellite communication in areas where no/weak/cell phone connection is available.
- Satellite modem hardware – which is activated by your local Volvo dealer – is needed for this package.

## **API**

- Enables CareTrack data to be provided into your own management system.
- Two options are available depending on the level of information required.

**VOLVO**

**Volvo Construction Equipment**

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