LiDAT
The comprehensive data collection and tracking system by Liebherr
LiDAT keeps you fully informed about your machines - at all times

LiDAT is a data transmission and positioning system for Liebherr machines and the machines of other manufacturers. Based on state-of-the-art data transmission technology, LiDAT provides information on the location and operation of your machines, enabling their efficient management, optimal operation scheduling and remote supervision.

With LiDAT, all the most important machine data can be viewed at any time. The data is updated several times a day and can be accessed at any time using a web browser. Important information, such as a machine leaving a predefined zone, or communications on specific operating conditions and parameters, can also be accessed.
LiDAT Benefits

Positioning with GPS
- All machines at a glance
- Positioning several times a day via GPS
- Prompt identification of the machine with brief information in the map
- Efficient planning of service, application and fuelling
- The integrated battery allows for easy localisation of the machine even when the power switch is off

Service information
- Status reports for the machines can be viewed on the screen at any time
- Critical machine statuses are reported immediately
- E-mail notifications
- Intelligent maintenance scheduling for maximum machine availability
- Service and repair work with the necessary spare parts can be adequately planned and prepared
- Additional customer-specific maintenance intervals with reminder functionality
LiDAT Benefits

Productivity
- Machine utilisation data is available at any time
- Logging the actual use of the machine
- Display of start/stop times, idle/working/travel times per day
- Optimising the efficiency of the machine fleet
- Efficient use of the machine

Geographical + time monitoring
- Individual specification of the permitted working times per machine or building site
- Site monitoring with clearly definable area
- Immediate notification sent in the event of use outside working hours
- E-mail notifications in the event of restrictions being violated even when machine switched off thanks to the integrated battery
Individual interface solution

LiDAT web service - interface

- Transfer of machine raw data right into customer’s own system
- Data can be customised when transferred
- Simplification and optimisation of planning, coordination and billing tasks through integration of the full data volume in the customer’s EDP system

AEMP web service interface

- AEMP is a generally applicable standard web service with a precisely specified data volume and one which is unchangeable in comparison to the LiDAT web service. AEMP is a subgroup of the LiDAT web service
- AEMP contains the following data: GPS position, operating hours, fuel consumption, total fuel consumption in the last 24 hrs
The benefits of LiDAT at a glance

Customers

• Documentation of machine assignments
• Higher machine availability, thanks to shorter repair downtimes
• Faster support from manufacturer
• Optimised efficiency of machine park, thanks to the overview of operating conditions and times
• Comprehensive fleet management from one source
• Track, analyse machine utilisation and safeguard equipment fleet
• Longer service life of machines through efficient use

Service

• Reduced costs of service assignments
• Optimised spare parts management
• Service costs reduced by direct and/or faster access to the machine
• Machine availability and service planning can be easily programmed
• Automated service interval reminder system

Rental Agents

• Precise positioning of the machine
• Reports on degree of utilisation and operational assignments of the machine park can be accessed daily via the web portal
• Fleet management for various classes of machines, including ones from other manufacturers
• Flexible grouping of fleets (e.g. per construction site)
• Restrictions of use by predefined work areas (geofence) and working times (curfew) for more security
• Clear basis for calculating rental rates
• Clear data on degree of utilisation for the whole machine park

(Please note: Data transmission is dependent on network coverage)