



Information!

**Cargobull Telematics: Know what's going on.**

*just more.*



## Don't count your chickens before they hatch

### Status control

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Telematics permanently checks the status of your trailers. Kilometre readings and speeds can be logged and routes can be analysed. Information regarding tyre pressures, axle loads and the state of the brake pads provide important and prompt maintenance information. All of this information can be used to increase the trailer's utilisation rate and reduce the life-cycle costs.

### Location checks



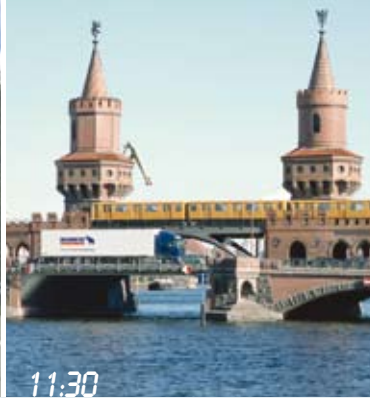
Telematics generates reliable reports about the location of your trailers. This makes for an efficient and flexible service and reduces empty trips and waiting times. The permanent monitoring and analysing of all information provides arguments for better insurance conditions and lower premiums as well as leasing rates.

**08:00** Morning: Where are our drivers; will we be in London and Zaragoza on time; have we already loaded in Hamburg; is the trailer OK and have we any spare capacity? It is always the same old questions. Only someone who has all information about his trailers at the right time is able to make the correct decisions. Cargobull Telematics provides answers, whenever you need them.

**12:10** Midday: All information at a glance and it works. Zaragoza was on time - trailer and goods arrived without any problems. The customer is happy. Fantastic: Status reports prevent half empty trips – return freight can be picked up at short notice.

**17:30** Late afternoon: Shift change went without a hitch. Have a nice evening and see you tomorrow.

|  | Freight agent | Logistics manager | Driver | Workshop | Loading staff |
|--|---------------|-------------------|--------|----------|---------------|
| Fleet utilisation                      | ■             |                   |        |          |               |
| Cost calculations and optimisations    | ■             | ■                 |        |          |               |
| Trailer location and status            | ■             | ■                 | ■      | ■        |               |
| Driver checks and productivity         | ■             | ■                 |        |          |               |
| Waiting time and empty trip prevention | ■             | ■                 | ■      |          | ■             |
| Reducing life-cycle costs              | ■             |                   |        |          |               |
| Lower premiums and rates               | ■             |                   |        |          |               |
| Planned time monitoring                |               | ■                 | ■      |          | ■             |



## Fisherman Fred's fish is fetched fresh

### Load checks



Telematics monitors the trailer temperature and helps prevent the load from being ruined. Are all the doors closed; is the cooling circuit intact? Do the actual temperatures concur with the programmed settings?



### Vehicle checks

Telematics checks the status of the trailer. Has the trailer been hitched up? How high is the axle load and are the tyre pressures OK? Are the brakes OK? Telematics will give you a prompt report and this will enable you to plan in repair work and maintenance routines.



### Location determination

Telematics is able to tell you where your trailer is at any given time. This enables a quick overview to be taken and efficient vehicle checks to be made.

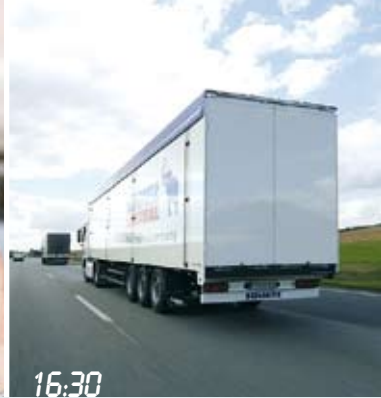
**05:30** Hamburg: The fish and fresh vegetables are loaded. Close temperature monitoring is required. Wrong settings at the start of the trip or fluctuations during the transporting can be determined directly via Cargobull Telematics and the necessary corrective measures can then be implemented.

**06:45** Report: The trailer's tyre pressures are incorrect. The driver can be told about this immediately (SMS). The next service station is only 15 kilometres away. The tyre pressure can be checked and corrected there.

**11:30** Berlin: Unloaded on time. In the meantime, the service workshop in Berlin has been informed and the next trailer service has been booked in for 14:00. The four hours waiting time can also be put to good use. The cooling chain is maintained. The online log has been analysed. Goods have been unloaded.

**12:30** Enjoy your meal.

|  | Freight agent | Logistics manager | Driver | Workshop | Loading staff |
|--|---------------|-------------------|--------|----------|---------------|
| Temperature monitoring / Cooling chain |               | ■                 | ■      |          | ■             |
| Vehicle monitoring (technical)         | ■             | ■                 | ■      |          |               |
| Planned time monitoring                |               | ■                 | ■      |          |               |
| Arrival time checks                    |               | ■                 |        |          | ■             |
| Repairs planned on time                |               | ■                 | ■      | ■        |               |
| Operating costs reduced                |               | ■                 | ■      | ■        |               |



## The conscientious drive for the longest

### Anti-theft protection



The well hidden Telematic system and sensors protect against direct access. The loading bay, temperature and the trailer's technical status are monitored when the trailer is unhitched. The trailer's own rechargeable battery supply guarantees full functionality even when on the road or being transported by rail (accompanied or unaccompanied traffic). All the necessary data can be recorded, logged and reset after the theft.

**11:45** Time for a break. A good trip. Time for a bite to eat and something to drink.

**12:30** Trailer has disappeared.

**12:32** Call to the boss. Cargobull Telematics provides permanent information regarding the location and the status of the trailer\*. The help comes from above. All of the data you now need is sent via GPRS/SMS direct to your PC or mobile telephone.

**13:45** Trailer has been found. First check the load and then document the retroactive effect on the trailer status. Were the doors opened during the last two hours; is the cooling chain still intact?

**16:30** The goods are delivered to the customer on time and in a perfect state.

\* GSM availability required.

|  | Freight agent | Logistics manager | Driver | Workshop | Loading staff |
|--|---------------|-------------------|--------|----------|---------------|
| Vehicle and location monitoring        |               | ■                 | ■      |          |               |
| Weight and temperature checks          |               | ■                 | ■      |          | ■             |
| Loading bay and access checks          |               | ■                 | ■      |          |               |
| Remote configuration                   | ■             | ■                 | ■      |          |               |
| Anti-theft protection                  | ■             | ■                 | ■      |          | ■             |
| Location and arrival time calculations |               | ■                 | ■      |          | ■             |
| Stand-by operation (without cab)       | ■             | ■                 |        |          |               |



## **Knowledge is power**

Only someone who has all information about his trailer at the right time is able to make the correct decisions.

With Cargobull Telematics

- You are permanently informed about the location and status of your trailers. Even in unaccompanied traffic or when they are parked.
- You always have a precise overview of your vehicles and this will help make your service both flexible and transparent.
- Relieve your drivers and managers, so that both receive any important information automatically.
- Realise increased efficiency, which will prevent stoppages and empty trips.
- You will be informed immediately about any damage or break-down.
- You can also configure the unit remotely via the Internet.
- This gives you superior arguments to use during discussions with your customers.

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