

# WE CAN SEE EVERYTHING AT A GLANCE: MONITORING OFF ALL VEHICLES WITHOUT AN EXTERNAL POWER SUPPLY






 Branch: Temperature-controlled transport in intermodal transport



## Challenge

Monitoring the entire fleet through integration of systems from various manufacturers

## Important functions

-  Tour / route monitoring
-  Monitoring temperature processes
-  Alarm messages
-  Maintenance calendar
-  Tacho archiving and violation analysis
- eco** ECO analysis / Driving style analysis

## Special feature

Telematics in the event of a temporary lack of power supply

## Vehicles with telematics systems

900 trailers and 80 trucks

## Telematics customer since 2024

Software: cargofleet 3, Service App, Tacho Portal  
Devices: TC Truck 4G, TC Trailer Gateway BASIC



“We are continuously working to remain fit for the future, which is why we are currently positioning ourselves to be even more digital and modern. idem telematics is an important partner in this regard, supporting secure and innovative day-to-day business in the transport industry with its proven solutions. We received a full service package, that is not readily available elsewhere. For example, it is not a given that tractor units can also be integrated. We work very well with idem in this area.”

**Dennis Willers, Fleet Manager,  
Spedition Bode GmbH & Co. KG**



“Everything can be imported and, if necessary, the data can also be forwarded to third-party systems such as Transporeon, Project44 or FourKites.”

Dennis Willers, Fleet Manager, Spedition Bode GmbH & Co. KG

## Challenge

Spedition Bode has switched the telematics in its fleet to idem telematics, enabling it to master the special challenges of [intermodal transport](#) to Scandinavia, among other things. Intermodal transport places the highest demands on technology: “When one of our semitrailers travels from Italy to Sweden or Norway, for example, it is only supplied with electricity until it leaves Verona and then travels completely without a tractor unit to the north” explains Willers. This means that the telematics box may have to continue operating for a whole week [without an external power supply](#) at temperatures ranging from 20 degrees Celsius to minus 30 degrees – for example, in the event of weather-related interruptions such as flooding and storm damage. “idem's solution can easily withstand such issues and have proven to be completely reliable”, says Willers.

## Solution – integration of various systems

After thorough testing in 2024, the company decided to make the switch and integrated everything into [cargofleet 3](#), the central telematics portal from idem telematics. According to Willers, telematics provide a comprehensive overview of [location, operating hours and other vehicle data on a central platform](#): “That only became possible with idem telematics. We were able to integrate the [systems of all manufacturers](#) installed in our fleet”. Existing Thermo King refrigeration units and systems from Optifleet, Krone and Volvo were also successfully integrated via [API interfaces](#). Bode uses [TC Trailer Gateway BASIC](#): in addition to [vehicle tracking](#) and [EBS data](#) readout, it also offers [intermodal configuration](#) in combination with the [Analyze telematics service](#) – [idle times are recorded and evaluated](#). “TC Truck 4G” is used in the tractor units: once the tachograph has been set up, the hardware for trucks with 4G mobile communications automatically records [data from vehicle and digital tachograph driver \(smart\) cards](#). The system also detects [breaches of driving times](#), can evaluate and archive them, and provides a [driving style analysis for fuel-efficient driving](#). In addition to further functions such as [satellite positioning, track & trace, geofencing or door monitoring](#), it is also possible to [read and process vehicle data](#) from trucks and trailers. A further component is the integrated [maintenance calendar](#).

## Benefits

“It runs smoothly, the data is recorded continuously – as soon as the driver turns on the ignition, the data is transmitted. This saves an enormous amount of time”. Based on the current operating hours, [the system automatically calculates the next service dates](#). “We immediately see which vehicle needs to go to the workshop and when” says the fleet manager, describing the [efficiency gains](#). The live overview of all vehicles makes route planning significantly more efficient: “our dispatchers can track routes in real-time, see exactly where there are delays and when the driver is expected to arrive”. The result: [more precise planning and more routes per vehicle](#). Thanks to [real-time tracking](#), customers know when their goods will arrive and can prepare the ramps accordingly. “Customers appreciate the fact that the [location can be tracked seamlessly](#), especially when it comes to security transports”. Drivers can also access their own data, which is a plus for Willers: “When they call with questions about driving times, we can [immediately check where there is potential for optimisation](#)”.



## Spedition Bode GmbH & Co. KG

The history of Spedition Bode dates back to 1949, when it was founded as "Hans-Hermann Bode Bahnamtliche Spedition". On behalf of the Deutsche Bundesbahn, it began long-distance transport in 1954 and has grown continuously ever since – most recently in 2023 with the opening of its new headquarters in Reinfeld, Germany, which include office and social areas as well as a five-track service station. The North German transport company moves goods between Germany, Southern Europe and Scandinavia every day with 1,000 loading units – 95 percent of which are used for intermodal transport. These are primarily temperature-controlled transports, including transports for a large food discounter: from fruit and vegetables, beverages, paper and steel to frozen products. For Bode, the telematics solutions from idem telematics are a key component of its comprehensive modernisation campaign.

**idem telematics** – connecting all road transport: As Europe's leading telematics partner, idem telematics supports forwarding agents, fleet operators and shippers in continuously improving their core business by means of data, thereby increasing their profitability, customer satisfaction and competitiveness. Europe's market-leading, all-in-one cargofleet telematics platform for trucks, trailers, freight and logistics consolidates and summarises the data sets of vehicles, drivers and freight. idem telematics provides a complete system for increasing the transparency and profitability of the entire logistics process. The benefits: unique customer proximity and flexibility for individual telematics requirements based on more than 25 years of telematics, transport and logistics expertise. idem telematics is a subsidiary of the BPW Group and employs around 75 staff at its locations in Munich and Ulm.