

**b.Alert** 

... even while you sleep



active load protection for  
trucks and trailers

[bAlert.be](http://bAlert.be)



## The safety of road transport becomes an increasingly important issue.

Many truck drivers are afraid of violence, theft, smuggling and illegal immigration. These are some of the topics where they, unwillingly, could be involved. The growing pressure from the various professional organizations for safe parking spaces, f.i. as well as the increasing amount of articles in the press about border criminality, show that the situation becomes critical.

Track and trace systems are implemented against the theft of trucks. But the crime moves on. increasingly the drivers are confronted with intrusions in the trailers without the theft of the truck. Even small thefts are a problem, because the remaining load may be damaged or contaminated. Illegal immigration with trucks causes even more a problem, not only because of the pollution and damage of the load, but also because of the important fines to be paid. Besides, there are the delays and important administrative workload related to such incidents.

Until now the only protection against these intrusions are mechanical solutions: padlocks. It is obvious that they are extremely easy to cut and intrude the load.

B.Alert is an intelligent warning system detecting any intrusion of the load. B.Alert is very sensitive and easy to be used. It is based on the measurement of vibrations on the trailer who are analyzed with sophisticated algorithms. B.Alert consists of two main elements: detectors on the trailer, and a central communication unit and detector in the cabin of the truck. This is a wireless system. The module on the trailer is attached with magnets, and can be moved easily to any other trailer when needed. In case of intrusion, various alerts can be provided: just logging, a loud alarm, a silent alarm to a call center, e.g. from the track and trace company, or a silent alarm to the drivers mobile or to the responsible monitoring of the parking.

## Survey of very important thefts in the Netherlands

