

## Basic Information # 006: **Enforcement System**

### **Automatic Enforcement**

Infrared sensors installed on around 300 fixed control gantries detect approaching trucks. The vehicle data is evaluated and compared with the data stored in the control centre (c.f. Basic Information #007: Control Gantries).

### **Stationary Enforcement Teams**

At around half of the control gantries, vehicles that are suspected of violating the road toll regulations can be stopped immediately after they pass the gantry by officers from the German Federal Office for Goods Transport (BAG). In addition to the infrared sensors, these control gantries are equipped with transmitters and receivers. This enables communication with BAG enforcement officers stationed at a parking area or motorway exit located just beyond the control gantry. The officers are alerted within seconds after the vehicle passes under the gantry.

### **Mobile Enforcement Teams**

Around 300 vehicles with mobile BAG teams enforce correct payment of road toll 24 hours per day. These teams patrol the motorways and supplement control gantry enforcement. This makes it possible to ensure comprehensive, flexible enforcement at any time on any route segment of the motorway network.

The enforcement teams initially check to determine whether a vehicle is required to pay a road toll. In the next step, they determine whether the truck is using the automatic system, and whether the correct number of axles has been entered. If the check shows that the truck is not using the automatic system with an OBU, the team checks the mobile enforcement PC to compare the vehicle licence plate number with the manual log-on data in the central database. If there is any doubt about the proper payment of the toll, the vehicle is stopped. If the suspicion of a toll infringement is then confirmed, the enforcement officers are authorised to immediately collect a fine.

In both automatic and mobile enforcement methods, trucks are checked while they are travelling on the toll road without interrupting traffic flow. The enforcement system checks to ensure the correct payment of the toll. It is not used to calculate and invoice road tolls.