

TOTEM

Safety information system for work areas



Each year workers are seriously injured on the motorways network. Measures have shown that 44 % of the users exceed of more than 20 km/h the authorized speed in those work areas. The control of those excessive speeds receives particular attention from the authorities concerned.

OBJECTIVE

TOTEM objective is to alarm the user with direct and personalized information. The detection of an excessive speed leads to the appearance of a luminous message meant for the driver. This message displays his speed, his licence plate and a simple safety message.

The main objectives are :

- an easy integration into the work areas,
- an optimal reliability so as to preserve the system credibility and durability,
- a TOTEM picture that is clear and unambiguous for the users who must see in it a purely preventive system.

During many evaluation campaigns, the impact on the speed has been clearly measured. A speed reduction of about 20 % has been shown. Even more striking, a complete removal of the over speed has been noticed.

TOTEM is a product that is protected by an European patent.

TOTEM has recently received a Centrico Award. This distinction is awarded for the achievement and the innovation.

DESCRIPTION

TOTEM is an integrated and movable system. It is composed of two keys components

- a unit for a movable measurement processing

This unit has a head, a box and retractable legs that ensure its stability. The head includes the radar, the camera and an infrared lighting. The box includes a computer and batteries. The complete unit is equipped with two wheels and handles, allowing an easy transport.

- a movable variable message sign

The VMS includes the electronic system that is necessary to display messages, a batteries pack, a generating set and a unit for the energy management. The sign is retractable through an electric jack. It displays three lines of diode characters to which two flashes are added.



TAILORMADE SOLUTIONS