Traffic Management Strategy – ITS Network of Traffic Centers
Intelligent traffic management, which aims to ensure high availability of the motorways, to use the existing infrastructure optimally and to offer users safe, comfortable and reliable mobility, is of central strategic importance for Autobahn GmbH.

For the first time, a Germany-wide approach can be pursued under the umbrella of Autobahn GmbH. The aim here is to network the Verkehrszentrale Deutschland (TC Germany) and the Autobahn traffic centers in the metropolitan areas both with one another and with the regional traffic control centers in the metropolitan areas.

The development of strategies and technologies for the networking of vehicles with the infrastructure or of vehicles with each other and for the automation and electrification of traffic also serve to secure mobility in the future.
The Verkehrszentrale Deutschland (Traffic Center Germany), based in Frankfurt, is directly assigned to the headquarters of Autobahn GmbH and

- organizes the networking of all traffic centers of the Autobahn GmbH
- coordinates the nationwide traffic management on the overarching corridors
- realizes pilot and lead applications; initiates and coordinates the deployment of new technologies in the motorway sector
- develops innovative future technologies together with industry, research and science.

The Autobahn GmbH Traffic Centers in the metropolitan regions

- are the regional competence centers for traffic management (in the motorway network and beyond)
- plan, build, operate and optimize the traffic telematic systems
- ensure the effectiveness of traffic control and management
- work together with municipal traffic control centers and other modes of transport in the regional network.
Traffic Management Strategy – ITS Network of Traffic Centers

VISION

SAFE
automated

CONNECTED

WELL INFORMED
USER_ORIENTED
AREAS OF ACTION

TRAFFIC MANAGEMENT

FOR THE MOTORWAYS

REQUIRES...

... RESOURCE-EFFICIENT USE

... HIGH NETWORK AVAILABILITY

... COORDINATED MEASURES

... HIGH-QUALITY USER INFORMATION

tunnel management and control

corridor management

incident management

dynamic traffic control

roadworks management

cooperative systems and automated driving

traffic service and information

TRAFFIC MANAGEMENT STRATEGY – ITS NETWORK OF TRAFFIC CENTERS

COORDINATED USE OF INFORMATION

HIGH-QUALITY USER INFORMATION

RESOURCE-EFFICIENT USE

HIGH NETWORK AVAILABILITY

FOR THE MOTORWAYS

AREA OF ACTION

TUNNEL MANAGEMENT AND CONTROL

ROADWORKS MANAGEMENT

CORRIDOR MANAGEMENT

INCIDENT MANAGEMENT

DYNAMIC TRAFFIC CONTROL

COOPERATIVE SYSTEMS AND AUTOMATED DRIVING

TRAFFIC SERVICE AND INFORMATION

NETWORK AVAILABILITY

RESOURCE-EFFICIENT USE

HIGH NETWORK AVAILABILITY

HIGH-QUALITY USER INFORMATION

COORDINATED USE OF INFORMATION

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Division Traffic Management, Operations and Transport

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