MISTIC
INFOMOBILITY PLATFORM

When you choose MISTIC you get a traffic information platform with a wide range of real time traffic management applications.

MISTIC is the platform developed by SWARCO MIZAR to support the implementation of Traffic Control and Information Centres by interfacing the different traffic control, transport management and information systems operational in the site. MISTIC makes available the middleware needed to validate, normalise and synchronise the information and data provided by the systems connected, and monitors the status of road network and systems availability.

Starting from this information, MISTIC:

- calculates the optimal distribution of traffic within the network
- estimates and updates the traffic demand O/D model
- establishes the actual network availability
- forecasts the traffic distribution and performance on the whole controlled area.

Also, MISTIC operates as a platform for producing and publishing multimedia information for travellers. MISTIC can operate in different contexts: urban areas, motorways, rural roads.
KEY BENEFITS

SWARCO MISTIC generates:

- integrated and modular suite of traffic models and computation engines for:
  - multi source traffic and mobility data fusion
  - traffic and mobility diagnostics and monitoring
  - statistical analysis and traffic flow forecasting
  - on-line O/D matrix estimation and traffic assignment
  - travel time estimation and forecasts
  - wide area strategic traffic control

- multi-channel diffusion of traffic information
- based on the European DATEX-Net standard
- easy integration within existing systems
- open to external information service providers
YOUR CONTACT

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