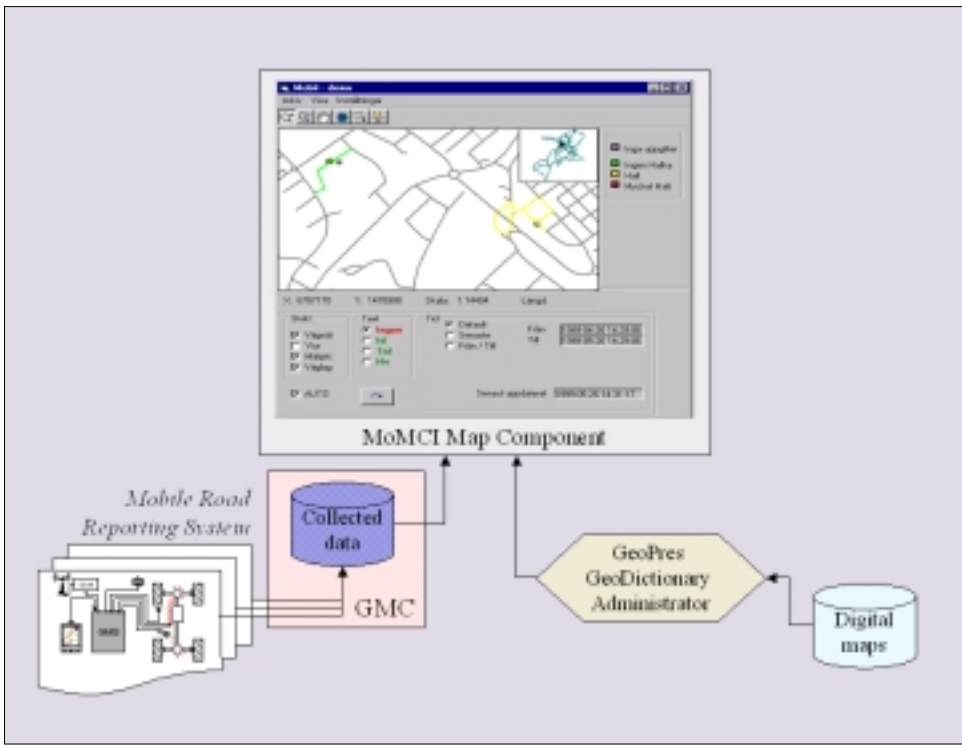
AerotechTelub

Monitoring of Mobile Captured Information – MoMCI

- Based on a general Map Component, with standard map functionality
- Flexible, user defined assembly of maps.
- Presentation of Mobile Captured Information as map features
- Different data as layers: - Friction, Humidity, Freezing point etc
- Compatible with the General Monitoring Computer



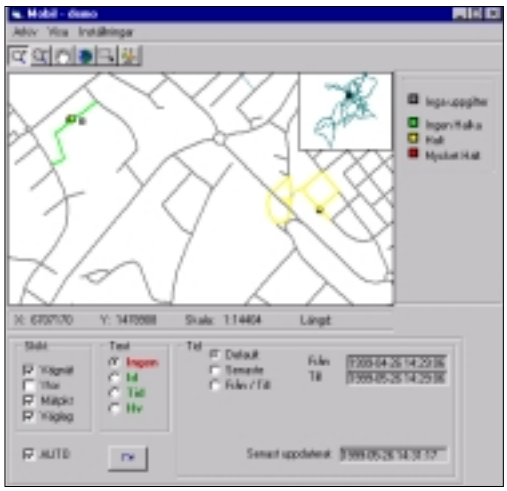
FUNCTION

Data captured from the Mobile Road Reporting System is saved in a database. The information basically consists of data describing time, date, position and sensor values.

The monitoring system is based on an ActiveX component, which is designed to perform all general functions for a viewer map application, such as zooming, panning and identifying map features. The component is developed with the ESRI product MapObjects API, extended with GeoPres API. The general map component is extended with some application specific functionality and a user interface.

Definition of the map is made by users and is flexible. The behavior of the map layers, such as drawing order, visibility intervals, rendering etc is specified with the tool “GeoPres GeoDictionary Administrator”. Maps can be comprised of files in shape (.shp), or tiff (.tif) formats. A road network is assigned to the map, and defined to be drawn as the topmost map layer. The system can be configured as an internet application with a suitable database and map server.

The user is provided with tools to perform both “general” map functions and to monitor the sensor values from the database. The system settings selects which type of information to view – as friction, surface temperature or freezing point. The information can be presented either as point symbols (sensor values at their coordinate position) or assigned to a road link. By specifying start -and end –dates, the user can view information captured within a certain time interval.



SPECIFICATIONS

– Requires Windows NT 4.0

– Recommended Pentium II processor and 64 MB Ram

– Sensor data is read from any RDBMS database such as Access, Oracle or SQL Server.

– Uses digital maps in shape or tiff format.

AerotechTelub

AerotechTelub is a new, independent service company which has been established through the merger of Celsius Aerotech and parts of TietoEnator. AerotechTelub offers qualified technical services and customer-adapted system solutions within information technology, electronics and aviation technology for the total defence, departments and authorities as well as selected industrial sectors. AerotechTelub has 2,800 employees and a turnover of ca SEK 2,4 billion.

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