



ViaStat in a nutshell

The internet platform for traffic specialists



Knowledge Bank & Software House

ViaStat is a traffic specialist internet platform with targeted modules for accessibility, traffic safety and liveability. ViaStat offers methods and ready-to-use reports, for the analysis of accidents, speed, road characteristics or school routes. We also have applications for accessibility during periods of congestion, travelling times recording or roadworks. Then there are applications geared to liveability, such as the school run monitor for primary schools or forums. VIA's applications combine traffic data and map data in a unique way.

How does ViaStat work?

ViaStat is a collective term for a series of applications in the field of traffic and transport. All of these analysis and monitoring applications are web-based. ViaStat works with a Geographic Information System (GIS). This means that all data is linked to a geographic location. Data is used efficiently for several parties. The aim is to create an integral approach through the internet platform geared to traffic safety, accessibility and liveability.

VIA works with a range of data providers, such as TomTom, Tele Atlas and the Dutch Ministry of Transport. We enter into agreements with suppliers, monitor quality and provide ready-to-use applications. If the data we need (for example, road characteristics and photos) is not already available, we will collect it ourselves. We also provide forums, such as the Traffic Reporting Centre, collect public opinions in TrafficOpinion.com and provide schools with an educational solution in the form of Safe2school.com, and identify school routes and hazardous locations.

Who is ViaStat for?

Every day, road managers and policymakers are glad to use ViaStat. A subscription to ViaStat offers a solution through a single way of working and a single log-in code for your municipality or whole region, as well as all your partners. Over a period of 25 years, ViaStat has become an indispensable interface between road managers, policymakers and the police. The results achieved are made public through a web service and can be automatically exchanged with other databases.

ViaStat works on the basis of Software as a Service (SaaS). This means: no worries about data, back-ups, software, updates and helpdesk. But also: no concerns about hardware, security and availability of flex-desks or home working.

Support van VIA



VIA offers regular courses, in-company courses on site and tailor-made support for all modules, such as Accidents, Speed Profiles or SSCSL.

A subscription to ViaStat also gives you access to extensive documentation, a helpdesk, FAQ and a forum where you can exchange knowledge and experiences with fellow users.

ViaStat works on most common browsers, such as Internet Explorer, FireFox, Chrome, Safari and Opera. You do not need to install any special software, will not be bothered by pop-ups.



Applications



Analysis



Liveability

Accessibility

Data providers



Security



Analysis and applications with ViaStat



ViaStat Accidents

Accident data plays a key role in current policymaking in relation to traffic safety and traffic management measures. ViaStat Accidents offers a wide range of options for monitoring and analysis. The manoeuvre diagram is a unique, indispensable tool in tackling accident black spots. The road characteristics give an extra dimension to the analysis. VIA is also always successful in finding new applications, such as PRIOS. ViaStat works with imported files or with its own recordings, which makes the accidents immediately available for reporting and analysis.



ViaStat Traffic Safety Monitor

Traffic Safety Monitor is a complete monitoring report with graphics and explanatory notes. It comes complete with a benchmark covering trends, target groups, focus points and aims, all incorporated into Word documents. Besides it's provided with your own logo on the cover, in short: a ready-to-use report.



ViaStat Photo Viewer

Planning roadworks or carrying out a location analysis can be done more effectively using Cycloramas (360° photos). Integration of Photo Viewer into ViaStat gives the effect of 'driving along the road' from behind your computer. The combination of digital maps by Tele Atlas with road photos saves a great deal of time on the road.



ViaStat Speed Profiles

Speed Profiles is used in the policy areas accessibility, liveability and safety. An absolute breakthrough in traffic science, offering unlimited possibilities for monitoring and effects measuring on the basis of GPS data from navigation systems. VIA links Speed Profiles from TomTom to the Tele Atlas road network. This makes it possible to see at a glance where speed limits are being complied with, and where, when and for how long traffic congestion arises.



ViaStat ERC (Essential Recognition Characteristics)

It is a well-known fact that a clear road layout and markings lead to fewer accidents. With the Essential Recognition Characteristics module, road managers can keep track of the state of play in real time by implementing signs, roadside markings and traffic flow dividers. Recommendations can then be given for a sustainable, safe layout and markings. This is of great importance for every road user.



ViaStat SSCSL (Safe Speeds and Credible Speed Limits)

Speed formed the starting point for SWOV (Dutch national road safety research institute) and VIA to develop this instrument which helps policymakers identify traffic safety problems and prioritise these. The starting points in this process are 'safe speeds' and 'credible speed limits'. The result is a prioritisation of locations where speed forms any kind of traffic safety issue. In addition, recommendations are made on how these issues can be tackled. Experience with this instrument has been obtained in the provinces of Friesland, Flevoland, Zeeland, and Limburg.



ViaStat Road Characteristics DS (Dynamic Segmentation)

Get more from the road characteristics for your region with ViaStat Road Characteristics (Dynamic Segmentation). On the basis of Dynamic Segmentation, road characteristics are linked dynamically to road sections or points. By applying specific regional road characteristics, the program supports working with different partners on a single, central database of road characteristics.



ViaStat Safe2school

All data in Safe2school.com is linked daily to ViaStat. This data on routes, bottlenecks and questionnaires is read in every 24 hours. Reports and maps from ViaStat are then based on this. This means that the police, municipalities, regions and provincial authorities can immediately make analyses of the routes entered, the bottlenecks on these routes or points for attention



Winner Dutch National Traffic Safety Award 2010



ViaStat TrafficOpinion

Many government bodies, businesses and institutes use TrafficOpinion.com to collect the opinions of residents and road users. A digital approach gives a better chance of responses and is less labour intensive. TrafficOpinion.com can also make specific locations clear on a map. In this way, it is easy to obtain an overview of local opinion: for example, opinions on unsafe or poor traffic flow.

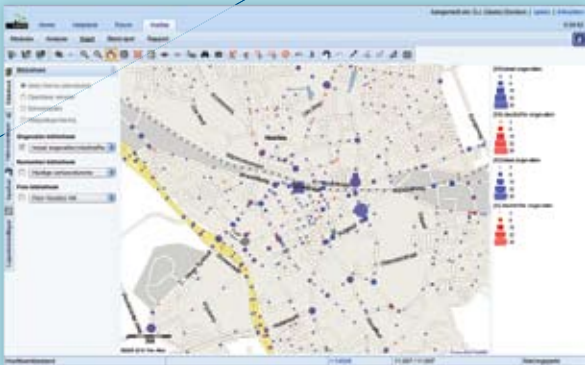


ViaStat InMaps

InMaps is the complete solution for road managers for the coordination of roadworks and events. Coordination between road managers, emergency services and public transport takes place through ViaStat. This internet platform links the data from InMaps to an interactive map, meaning that planning of roadworks can be combined with road categorisation, Speed Profiles or school routes. This simplifies the estimation of traffic nuisance and coordination with fellow road managers. The data can be exchanged based on the European Datex II standard.

Get started with ViaStat in just one day!





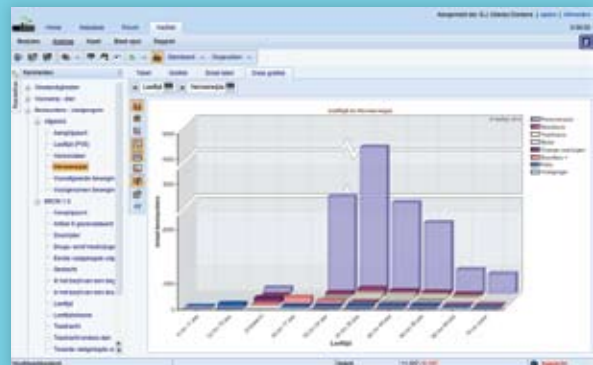
ViaStat Accidents



ViaStat Speed Profiles



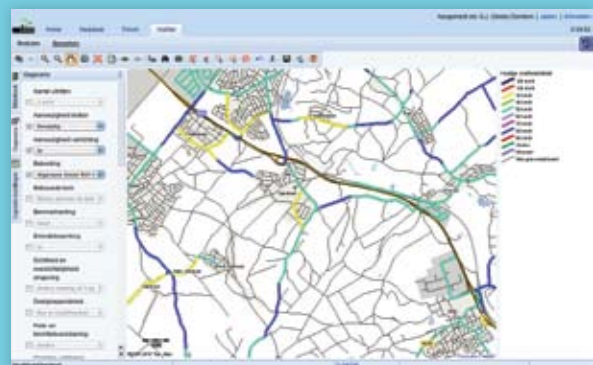
ViaStat Safe2school



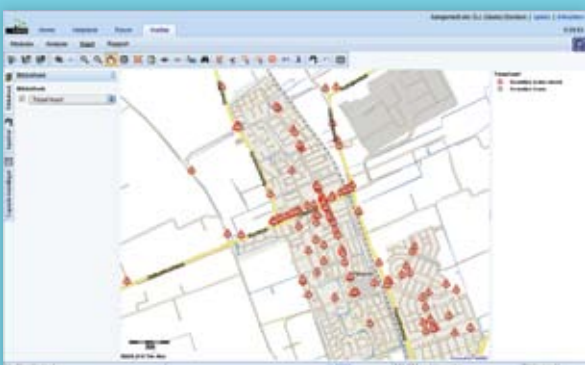
ViaStat Accidents



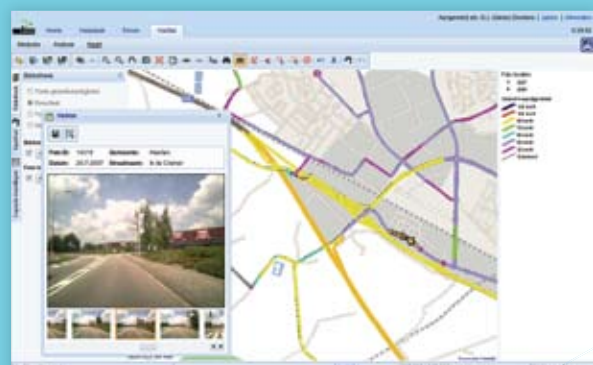
ViaStat Traffic Safety Monitor



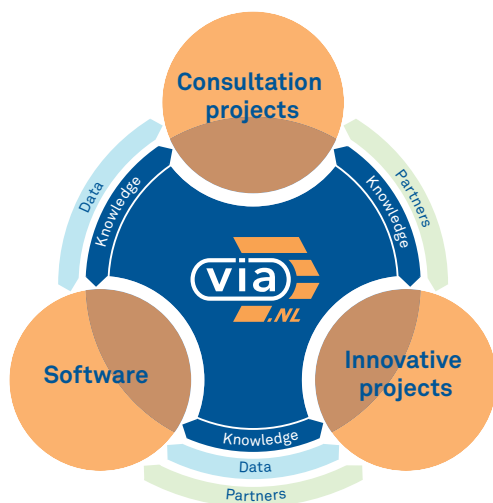
ViaStat Road Characteristics



ViaStat Traffic Opinion



ViaStat Safe Speeds and Credible Speed Limits (SSCSL) & Photo Viewer



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VIA's innovators

VIA can draw on more than 25 years of expertise. This not only forms a solid basis for expert traffic advice, but VIA also has a sound vision of safe, sustainable road traffic. Using innovative software and a team of enthusiastic employees, every day VIA transforms current traffic issues into practical applications for government bodies and businesses. Knowledge is our raw material. For this reason, VIA works very closely with partners such as knowledge institutes, data providers, road managers and directorates.

VIA software

