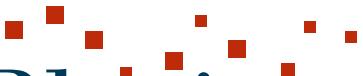




SATELLITE-BASED
MONITORING
SERVICE OF
ROADS, RAILWAYS
AND AIRPORTS




Rheticus[®]
SAFETYWAY



SATELLITE-BASED INTELLIGENCE FOR RESILIENT INFRASTRUCTURES

Ensuring efficiency, duration, and reliability of transportation infrastructures, and safeguarding them from their exposure to natural and human-induced hazards, has always been a challenging and expensive activity.

Today, proactive maintenance programs are considered the best approach, and satellite monitoring allows to overcome the limits of time and costs of traditional survey campaigns and gather frequent, accurate, and substantially accessible information.



INDUSTRIES.

ENGINEERING

Transportation (Airports, Roads & Railways), Industrial plants, Construction.

GOVERNMENT

National-to-Local Administrations.

OTHER

Insurance companies, Professionals.





RHETICUS[®] SAFEWAY.

Dramatically improve management, building operations, and safety for your transport infrastructure.

Rheticus[®] Safeway is an essential tool that helps you monitor your transport network and engineering operations.

The service exploits radar satellites to detect a threat before it causes any damage to your infrastructure or, even worse, it shuts it down. With its satellite-based information, it allows preventive analysis to efficiently and proactively manage maintenance activities.

BENEFITS



ENHANCE YOUR PROACTIVE MAINTENANCE OF TRANSPORT INFRASTRUCTURE



QUICKLY ORGANIZE FOCUSED INSPECTION ACTIVITIES BASED ON PREDICTIVE ANALYSIS



GET UP-TO-DATE AND ACTIONABLE REPORTS, ANALYTICS, AND ALERTS



SAVE BOTH TIME AND MONEY

ACTIONABLE INSIGHTS FOR SAFER ASSETS.

Developed with satellite technology, **Rheticus® Safeway** regularly provides information on the network segments with a high level of damage. The periodic reporting highlights the network sections on which further inspection has to be addressed to check its integrity. A synoptic view of the territory, both in urban and extra-urban areas, allows monitoring of ground motion phenomena that may affect assets. The information is completed by a multi-year historical analysis of the movements. The service is available as a dynamic dashboard or periodic report containing detailed information about the user's network status.



FROM SATELLITE TO YOUR HANDS IN 4 STEPS



Satellite image acquisition



Constantly updated information, ranging over the whole area of interest



Accessible, easy-to-read, and actionable report



Field investigation

EVERYTHING UNDER CONTROL.

Rheticus® Safeway offers a synoptic view of the network's stress level that is segmented into sections with different lengths: stable segments in green, those to be monitored in yellow, and segments to be inspected in red. Each segment is associated with a graph showing the displacement trends. The information is provided as PDF summary reports or displayed and analyzed through the interactive geoportal available 24/7 from any device.



Continuous monitoring of transport network infrastructures



Enhance engineering, management, and maintenance



No required expertise with GIS or Earth Observation data



Spot the safest locations whereby you can set up new infrastructures, or expand existing ones



Unparalleled project insight, enhancing risk assessment, and significantly cutting down production costs



Environmental impact assessment of construction activities within the surrounding area

GATHER GEOSPATIAL INTELLIGENCE, NOW.

Many users have already discovered the benefits of Rheticus® Safeway. Search our website for our customers' success stories and learn about the benefits of integrating Rheticus geoinformation services in your management and operational activities.

For commercial and technical support, you will always count on our global team of authorized distributors and on Planetek Italia's experience of over 25 years. Gather geospatial intelligence, now. Contact us or request a demo.

WHAT CUSTOMERS SAY

This new type of survey, which combines satellite data with field investigations, aims to become a model for monitoring and forecasting hydrogeological instability and allows preventive safeguard measures to be put in place.

Francesco Immordino
ENEA, Italy



Rheticus[®]

monitoring the evolution of our earth

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Developed by



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