

An aerial photograph of a rural landscape. The scene is dominated by vibrant green agricultural fields, some of which are divided into smaller plots. A dark, winding road or path cuts through the fields. In the lower right, a river or stream flows through the landscape, bordered by dense green trees. The overall lighting suggests a bright, sunny day, with shadows cast across the fields.

SATELLITE-BASED MONITORING SERVICE FOR LAND AND INFRASTRUCTURE STABILITY

The logo for Rheticus Displacement. It features the word "Rheticus" in a large, dark blue serif font, with a registered trademark symbol (®) to its upper right. Above the letters of "Rheticus" are several small, red squares of varying sizes, arranged in a pattern that suggests a satellite constellation or a grid. Below the word "Rheticus" is the word "DISPLACEMENT" in a smaller, red, sans-serif, all-caps font.

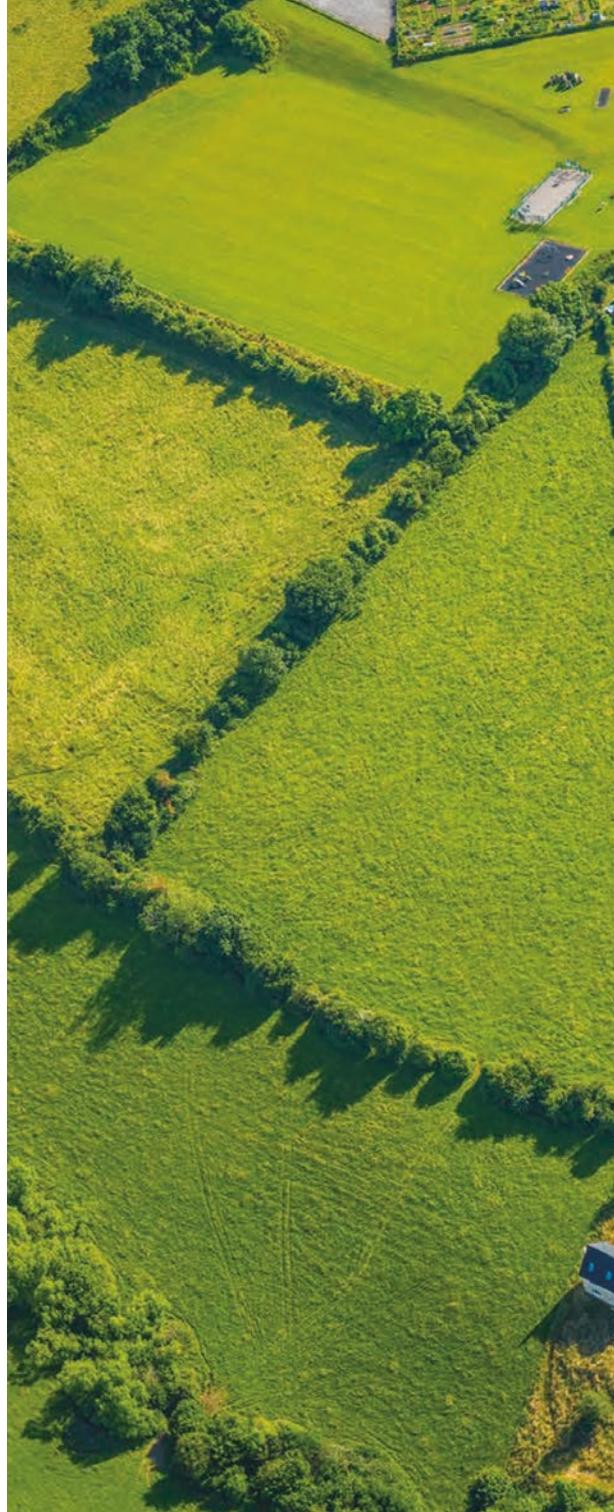
Rheticus[®]
DISPLACEMENT

SATELLITE MONITORING TO SAFEGUARD THE TERRITORY AND INFRASTRUCTURE.



Land instability can cause severe damage to infrastructure and the environment, and it poses a threat to citizen safety.

The use of advanced technological solutions for monitoring and predicting instability allows preventing disasters by monitoring ground motion phenomena to detect potential risks in time.





INDUSTRIES.

GOVERNMENT

National and Local Administrations, Civil Protection, Geological Survey Agencies.

ENGINEERING

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

OTHER

Insurance companies



RHETICUS[®] DISPLACEMENT.

Timely track any ground motion phenomena, and ensure steady ground monitoring in areas affected by subsidence and landslides.

As a Rheticus[®] Displacement user, you will gain access to a wide array of crucial information of your area of interest in the form of dynamic maps, reports, and alerts.

Rheticus[®] Displacement is the perfect tool for authorities and agencies involved in geological surveys, emergency management, disaster risk reduction, land planning, and critical infrastructure safeguarding.

BENEFITS



**ENHANCE LAND MONITORING
AND GROUND MOVEMENT DETECTION**



GET UP-TO-DATE SYNOPTIC VIEW OF AREAS AT RISKS



**GET SMART ACTIONABLE REPORTS,
ANALYTICS, AND MAPS**



SAVE BOTH TIME AND MONEY



ACTIONABLE INSIGHTS FOR YOUR BUSINESS.

Based on the continuous analysis of radar satellite data, Rheticus® Displacement enables the long-term monitoring of ground motion phenomena like subsidence and landslides. It allows the identification of areas with different levels of risk. The service provides information and analytics, which can be easily integrated with clients' information sources and internal systems, for an exhaustive and precise overview of the entire area of interest. With the predictive analysis, the system highlights potential problems before they become critical, allowing stakeholders to promptly intervene, ensuring people safety, and optimizing management activities.





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.

Through an intuitive and easy-to-use dashboard, users get access to dynamic maps, reports, and alerts about millimetric displacement measurements that enable accurate analysis and reporting of any event.

Through the panel, using the customizable filters and the dynamic dashboard, it is possible to identify the risk zone immediately, select and zoom a predefined area checking the status, velocity, and acceleration of ground movements, measured continuously by radar satellites.





Up-to-date
insights on land
and infrastructure
stability



Pinpoint unstable
areas, improving
safety and planning



Previous expertise
with GIS or Earth
Observation Data is
not required



Continuous
monitoring on
areas affected by
landslides and
subsidence



Enhanced land
monitoring and
reporting



Citizen and
infrastructures
safety is
dramatically
improved

GATHER GEOSPATIAL INTELLIGENCE, NOW.

Many users have already discovered the benefits of Rheticus® Displacement. 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 Planetek Italia's experience of over 25 years. Gather geospatial intelligence now. Contact us or request a demo.

An aerial photograph of a residential neighborhood. The image shows several houses with brown roofs and green lawns. A playground with colorful equipment is visible in the center. A red rectangular bar is overlaid on the top right of the image. The text 'WHAT CUSTOMERS SAY' is positioned on the left side of the image, with a brown rectangular bar below it. The quote and name are also on the left side. The background image shows a mix of residential buildings, green spaces, and a paved area with playground equipment.

WHAT CUSTOMERS SAY

This service gives us the opportunity to monitor in real-time the dynamic of ground movements and identify the most critical points.

***Concetta Meli,
Municipality of Niscemi,
Sicily, Italy***



Rheticus[®]

monitoring the evolution of our earth

INFO@RHETICUS.EU | WWW.RHETICUS.EU



Developed by



planetek
italia