

Services Overview



Table of contents

- 03 Value proposition
- 04 About us
- 05 Vision / Mission
- 06 Clients
- 07 Services
- 16 Contacts

Value proposition

Technological solutions for security, resilience and sustainability of infrastructure and territory

Combining advanced research and technological development, NHAZCA creates state-of-the-art solutions that protect and monitor the environment and critical assets.



About us



NHAZCA (Natural HAZards Control and Assessment) is an international leader in the analysis and monitoring of natural hazards and large infrastructures for the management and mitigation of risks.

We are passionate geologists, civil engineers, project managers, and technicians, offering a unique blend of expertise from both the private and academic sectors.

Since 2009, our ambition has been relentless: to transform geological and geotechnical data into action for the prevention and management of natural hazards, ensuring the sustainability of structures and infrastructures, with a single, globally applicable protocol.



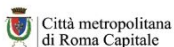
Our mission

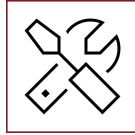
To empower clients with comprehensive solutions for analyzing and monitoring natural hazards and structural health. Through a combination of expertise, innovation, and dedication, we deliver consultancy services and technological tools that enhance safety, optimize performance and minimize risks.

Our vision

To become the premier provider of efficient, reliable, innovative, high-quality products and services for the analysis & monitoring of natural hazards and structural health.

Clients





Services



→ PRIMO



PRIMO™ (PRompt Intervention MOnitoring Protocol) leverages NHAZCA's extensive experience to rapidly deploy emergency monitoring solutions within 48 hours.

Our approach integrates advanced remote monitoring technologies to provide you with a detailed and timely assessment of geohazards or structural instability that may affect critical assets such as roads, tunnels, railways, and dams, supporting decision makers with quantitative data and specific know-how.

Who is PRIMO useful for?



Civil Protection

We provide emergency monitoring solutions that quickly deliver detailed and reliable geotechnical and structural hazard data.



THE ADVANTAGES OF PRIMO

Quick access to reporting

PRIMO provides detailed reports within 72 hours from activation, enabling civil protection to make rapid decisions to ensure public safety.

24/7 continuous monitoring

The system provides continuous monitoring, even in adverse weather conditions, ensuring uninterrupted surveillance of critical areas.

Advanced and proprietary technologies

Using NHAZCA's proprietary technologies such as Photomonitoring™, PRIMO provides superior accuracy in risk detection and emergency management.



Cultural heritage

PRIMO ensures timely and accurate monitoring of cultural assets in emergency situations, protecting historical and artistic heritage from damage caused by geological hazards.



THE ADVANTAGES OF PRIMO

Quick access to reporting

PRIMO provides detailed reports within 72 hours of activation, enabling decision-makers to protect cultural and artistic heritage from potential damage.

Operational in all conditions

The system works effectively at night and in adverse weather conditions, ensuring that cultural assets are protected at all times.

Exclusive NHAZCA technologies

The use of Photomonitoring™ allows detailed monitoring of structures, preventing damage and preserving the integrity of cultural heritage.



Local or Public administrations

With PRIMO, we help local authorities manage emergencies by providing rapid monitoring and analysis to protect infrastructures and local populations.



THE ADVANTAGES OF PRIMO

Tailor-made monitoring

PRIMO offers specific solutions for limited scenarios or large areas, adapted to the needs of local and regional authorities.

Advanced remote sensing

Using technologies such as TInSAR, InSAR, UAVs surveys, PRIMO is able to process and provide accurate data for spatial risk management.

Fast and detailed reporting

Administrations quickly receive comprehensive reports that facilitate effective emergency management and territorial planning.



Public Administration

PRIMO helps public administrations monitor and manage crisis situations, ensuring the safety of infrastructure and communities.



THE ADVANTAGES OF PRIMO

Quick implementation

Designed to be operational within 48 hours, PRIMO provides public administrations with an immediate response to emergencies.

Constant monitoring

The system provides continuous monitoring, detecting even the smallest structural or ground changes, regardless of external conditions.

NHAZCA proprietary technologies

Using Photomonitoring™ and advanced processing software, PRIMO ensures accurate and reliable data-based emergency management.



Infrastructure operator

We provide infrastructure managers with continuous and accurate monitoring, enabling them to protect roads, railways, dams and other critical infrastructure from imminent threats.



THE ADVANTAGES OF PRIMO

24-hour monitoring of infrastructure

PRIMO provides continuous monitoring of critical infrastructure, identifying risks in advance and preventing serious damage.

Reducing intervention times

The detailed and timely reports provided by PRIMO enable operators to quickly activate the necessary measures to protect their infrastructure.

Unique structural analysis technologies

The use of technologies such as Photomonitoring™ enables accurate assessment of structural conditions, optimising infrastructure maintenance and safety.



Private customers

We offer bespoke monitoring solutions that protect your assets in emergency situations with advanced technology and fast, efficient service.



THE ADVANTAGES OF PRIMO

Tailor-made emergency monitoring

PRIMO offers tailored solutions that can be activated within 48 hours, ensuring the protection of private assets in critical situations.

Adaptable and accurate detection

The system adapts to different scenarios and requirements, providing accurate and timely monitoring of risk areas.

Advanced technologies for accurate analysis

Thanks to our proprietary Photomonitoring™ technology, we can guarantee detailed and reliable data, enabling private clients to proactively manage risk.

Contacts

**Get in touch with us now and
revolutionise the security of
your area with high
technology**

NHAZCA S.r.l.

VAT & Tax Code: 10711191006

N.REA: RM-1250972

Share capital: €100,000

Office Unique Code: W7YVJK9

Headquarter

Via Vittorio Bachelet, 12

00185 Rome

Tel.: (+39) 06 95.065.820

PEC: nhazcasrl@pec.it

E-mail: info@nhazca.com