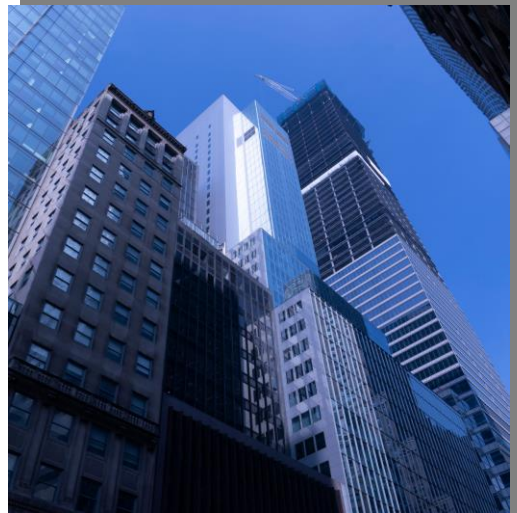


# Seismic Risk Assessment

The first predictive system for control structural anomalies



If the *Energy Performance Certificate* of a Building / Plant is indicative of its behavior from an energy point of view, with the *Seismic Risk Assessment* the goal is to monitor any building through specific sensors to collect data that allow us to define a characteristic behavior over time which can undoubtedly identify the reaction to ground movements caused by seismic events of varying intensity.

Seismic phenomena are not predictable but the static and safety of buildings are.



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# Parameters analyzed

The Seismic Risk Assessment is the first real-time, dynamic and continuous hardware and software predictive system for monitoring structural anomalies and the stability and resistance of buildings subjected to seismic and landslide events. It is designed to preventively intervene on the building with alarm and gas blocking actions, thus increasing the safety of people in public and private buildings. The system also provides useful information for planners and specialized operators to increase protection against seismic and landslide events.



## ADVANTAGES FOR REALESTATE

Knowing the behavior of the building towards seismic or landslide events over time

Increase the time for the safe evacuation of buildings

Increase the safeguarding of real estate assets

Facilitate less expensive insurance solutions

## PEOPLE SAFETY

Gas flow block with solenoid valve activation (NC)

Alarm system activation (if provided)

Activation of telephone dialer

Failure notification of the seismic monitoring station



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