Earthquakes are capable of unimaginable destructive forces, causing severe damage and loss of life. Whereas seismic events by nature are impossible to control, it is possible to mitigate their effects on densely populated areas and on valuable assets, such as important infrastructures or critical and sensitive industrial sites.

GeoSIG offers tailored Early Warning and Shutdown Systems to notify the occurrence of a potentially damaging earthquake and thereby to mitigate the risk to facilities. A timely shutdown or performance of associated set of actions based on such notification may help minimise damage.

A GeoSIG system will provide you the crucial seconds to take measures which may help reduce the damaging impacts of a seismic event.

Contact us for a comprehensive consultation and discussion on your Earthquake Early Warning and Emergency Shutdown requirements.

Tel: +41 44 810 21 50
Email: sales@geosig.com

OUR SERVICES

Advice
Consulting
Technical Proposal
Financial Offer
Planning
Installation
Training
**Typical Setup:**

For Earthquake Early Warning/Emergency Shutdown, a simple installation with the following equipment will be required:

- 3 off GMSplus Seismic Recorder with internal AC-73 Triaxial Accelerometer
- 1 off GXR-AIL 2-out-of-3 Alarm Logic
- Cable and Software

**Capabilities**

In many industries such as Nuclear Power Plants, Emergency Shutdown systems have been in operation for many years. It is all about mitigating risk and knowing that your investment in installing Earthquake Early Warning and Emergency Shutdown systems can be a sound protection against Earthquakes in particular in areas where such risks are high. As an owner or manager of a facility where lives and/or investment is at risk, it makes sense to consider what options there are for mitigating your exposure to earthquakes. This responsibility may be in the domain of facilities managers or owners who can initiate the feasibility and suitability of such systems for their assets.

---

* Due to the time required for data processing, the system can give useful notification signals only when the earthquake epicenter is 10 km or farther away.