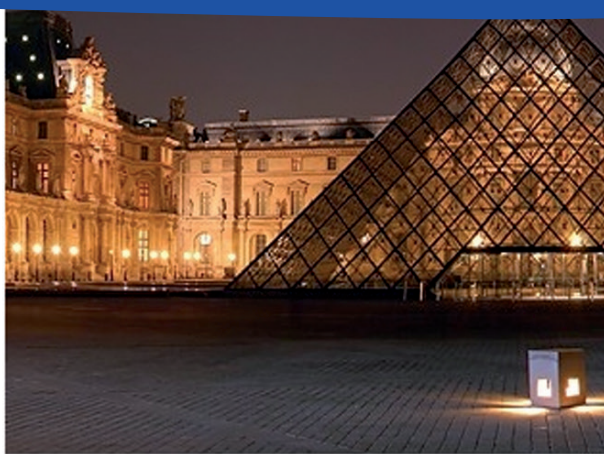**Sites**
WATCH OVER YOUR STRUCTURES

SIMon-E®, the behavior of your structures one click ahead

SIMon-E® is a simple, practical and comprehensive web platform dedicated to monitoring various information about your structure: openings, joints, cracks, tilts, strains, stresses, temperatures ...

This system automatically collects data from sensors installed on your structures, and then processes these data, which are available on line or SIMon-E® mobile app through a highly secure encrypted link.

SIMon-E®, it is:

› Access to information 24/7.
› Email or SMS alerts reception.
› A formula tailored for each client's situation.
› Private and dedicated servers.
› Daily data backup.
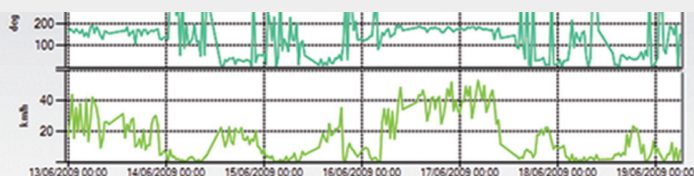› A platform specifically designed for structural monitoring.

Liste des événements actifs

	Date/Heure	Valeur	Organe	Nom	Libellé
⚠	12/01/1993 14:26:00	-32768	Voie	Jauge 42	Capteur
⚠	12/01/1993 14:26:00	-32768	Voie	Jauge 42	Alarme Capteur
⚠	23/01/1993 07:08:00	12621,77	Voie	Extens	Alarme Capteur
⚠	23/01/1993 07:08:00	12621,77	Voie	Extens 68	Alarme Capteur

Advantages

› **Improved security of goods and people:** alert Service by email or SMS in case of abnormal behavior of your structure, providing a better understanding of the structure and therefore helping you decide how to implement prevention systems.

› **Simplified report:** indicators summary, data export to excel file, events history.

› **Economy:** SITES can provide remote maintenance on sensors thanks to Simon-E®. Therefore you save money on travel expenses, which has positive impact on your finances.

SIMon-e® offers

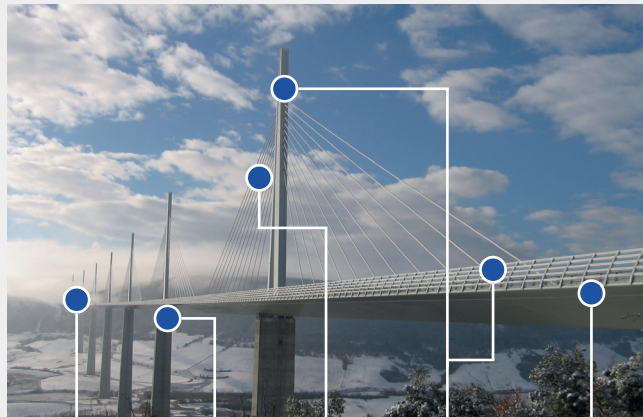To find a solution to your specific need, our SIMon-e® offers comes with four levels of access :

› **Free:** mobile version.

› **Bronze:** mobile version, presentation and location of the work, dashboard of the structure, access block.

› **Silver:** mobile version, presentation and location of the work, dashboard of the structure, access block, quick data export, collection on demand.

› **Gold:** mobile version, presentation and location of the work, dashboard of the structure, access block, quick data export, collection on demand, event history, set warning and alarm.

Remote monitoring

Operating principle

› **Monitored structure.**

● Sensor ▬ Recorder

Displacement Deformation Tension Acceleration Temperature

› **Control server, 2 solutions:** «dedicated» solution: with a system closer to the structure, and dedicated only to monitoring or «pool» solution with a deported system (private SITES infrastructures).

ADSL/3G secure connexion

› **SIMon-e:** collection system, data base and web server. Data refreshment in real time, planned acquisition (data periodical collect, failure detection), acquisition on criteria (threshold exceeded, on demand).

› **Remote access:** access to information 24/7 and management of email or SMS alerts from the client's computer or smartphone.

Fields of application

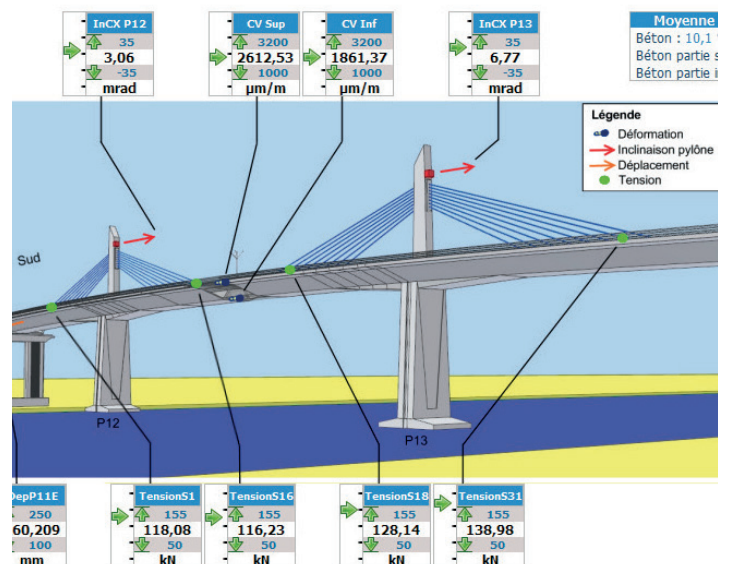Any structure can be monitored by instrumentation and receive SIMon-E® services.

› Large-scale infrastructures.

› Industrial civil engineering infrastructures.

› Naval and hydraulic civil engineering.

› Private or public buildings.

› Historical monuments.

› Nuclear.

› Natural environments.

› Equipments.

› Petrol and gaz industry.

SIMon-E® can be configured for low-level surveillance on two or three sensors on a monitoring campaign of a structure, and also for monitoring a large structure combining static and dynamic parameters (acceleration, vibration, wind, etc...).

Demo

SIMon-E® demo available here:
www.simon-e.fr