



# newsteo Public Work Instrumentation

*Wireless stand-alone solutions for structure instrumentation*

Crack, deformation, tilt... ↻

Radio range of several kilometres ↻

Autonomy several years + great robustness ↻

ANALYZE



MEASURE



ALERT



TEMPERATURE



CRACKS



TILT

## Newsteo data loggers make on-site instrumentation easier

Wireless is the perfect solution to save money on wiring and reduce installation & maintenance time. Furthermore, Newsteo loggers are especially designed for outdoor use, even in harsh conditions.



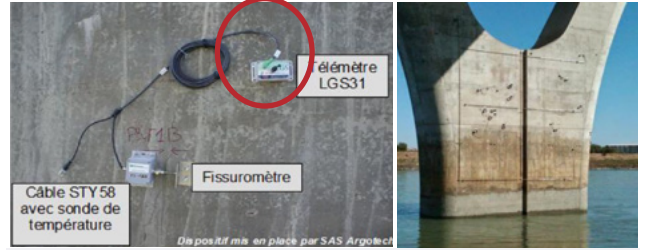
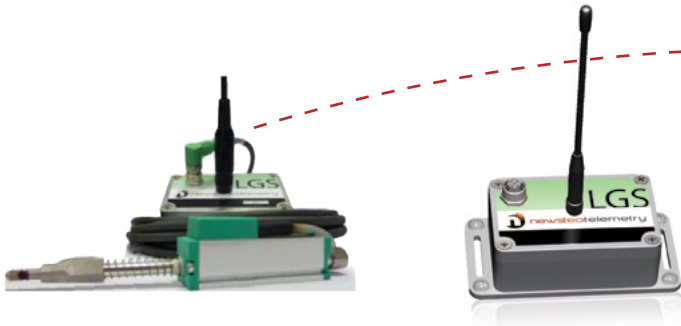
### ONLINE MONITORING

WebMonitor web application enables any allowed user to bring up on screen measures from Newsteo loggers from any device connected on the internet.

### LOCAL MONITORING

RF Monitor Software enables to remotely configure and monitor all Newsteo products from a local PC.

## ② CREATE YOUR OWN WIRELESS DATA LOGGERS NETWORK



### WIRELESS DATA LOGGERS FOR CRACKMETERS

#### LGS31

1 input

IP65 Protected

Aluminium casing

#### LGP33

3 inputs

IP65 Protected

Aluminium casing

The LGS31 and LGP33 are able to interface with crackmeter, pressure probe, photoresistance, potentiometric probe for angular measure...



LGW and LGN45 loggers for inclinometers, NTC, with sensor powered by Newsteo data logger.

### WIRELESS DATA LOGGERS TO POWER VOLTAGE SENSORS

#### LGW38

[0V ; 5V]

Sensor power = 10V

1 input

#### LGN45

[-5V ; +5V]

Sensor power = 13.6V

5 inputs

### TEMPERATURE & DEFORMATION GAUGE

Newsteo developed, in partnership with R&D Lafarge laboratory, the Newsteo Builder, data logger which is directly buried into concrete.



#### BLR37

BLR37

Temperature  
Deformation  
IP68 protected  
Autonomy :  
10 years

## ② OUR REFERENCES

ARGOTECH

CEBTP

VINCI

BKS