

Use case

Monitoring of a church subject to settlement

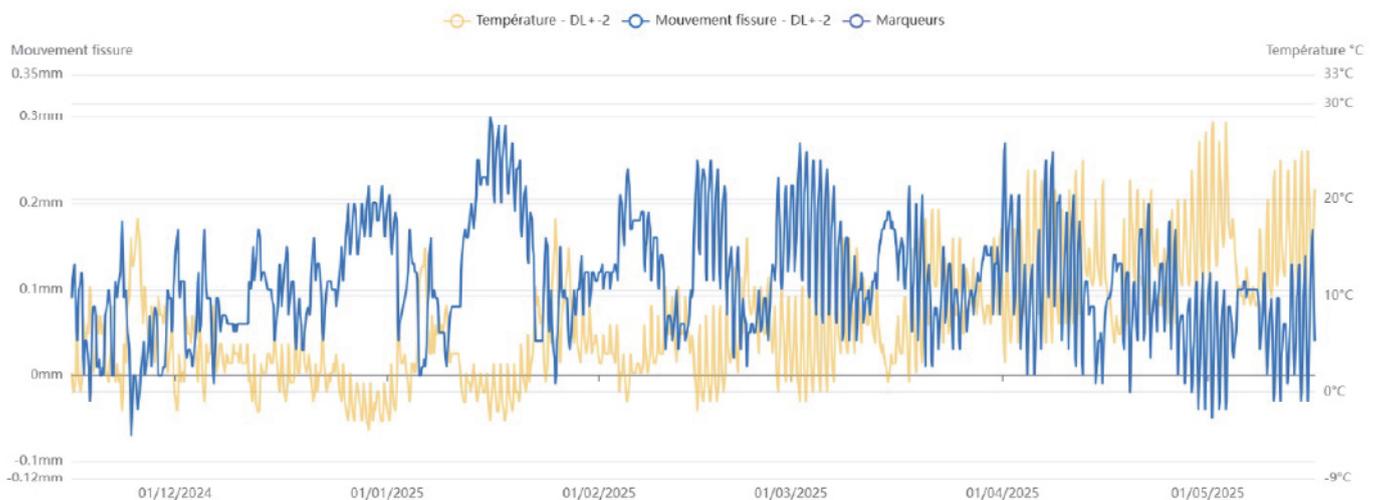
To monitor a possible settlement causing vertical cracks in a church located in Isère, an instrumentation mission was entrusted to the company SID through a restricted tender.

The objective of this mission is to monitor the crack openings over time to determine their activity and assess the need for additional instrumentation.



The strategy is based on the installation of **DELTA L+ and DELTA L sensors**, in quantities of 5 and 9 respectively, fixed with impact anchors and chemical sealant, allowing precise monitoring of damage evolution. This instrumentation, initially planned for one year, offers the possibility of reorienting the monitoring areas if necessary.

The choice of connected instrumentation was based on the simplicity of deployment, the ergonomics of the monitoring platform, and the absence of wiring, making this device particularly suitable for this type of sensitive building.



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It is essential to understand in order to act appropriately, whether through complementary investigations, studies, or even to confirm already identified causes, to ensure both safety and the durability of repair investments.

Meril Archinard, Manager de SID”

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