

Case story



Structural Health Monitoring of churches.

In December 2022, DS-Series Displacement Sensors from ElastiSense were deployed on a church in Norway to monitor crack expansion on the walls.

Historical buildings like castles and churches are more likely to suffer from structural deterioration and their condition therefore needs continuous monitoring for predictive maintenance and collapse prevention.

In this case, our sensors are part of a Plug & Play structural health monitoring system consisting of our sensors and a wireless datalogger. The system will continuously monitor structural deterioration (crack expansion) and transmit the data to the cloud which can be accessed by asset owners for structure health assessment and predictive maintenance.

**DS-Series Displacement Sensors
from ElastiSense**



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