



**NEW**  
more  
extensive  
Sensors  
available  
now!

## Monitoring for Your Safety

**The StabiAlert system records inclination to fractions of a milligon at a rate of 100Hz. Visualising subsidence, deformation, vibration and change in angle of all possible objects. Our system can also be used for rise- and subsidence mapping of large area's.**

The collected data is sent over the Internet to a database, and the history of all movements is recorded. Our software makes it possible for the customer, to watch real time via the internet the status of an object. In addition to this active monitoring, the system can send automated email- or SMS alerts. Unusual situations and incidents are reported to the customer within seconds after an event has occurred.

Our clients are provided with a 3D animation which provides a clear general overview of complex objects. This animation gives the possibility to easily zoom in on each individual sensor.

Our main work areas are currently:

- **Structural Health monitoring of buildings, bridges and railway embankments**
- **Dike monitoring**
- **Subsidence monitoring**





For more information please visit our website

## The new sensors are more compact and support an all-in-one bus daisy chain



Our sensors measure and visualize the natural behavior of any structure and / or surface extremely accurate, helping you understand the mechanics causing deformation.

### **Structural Health monitoring of buildings, bridges and railway embankments**

Our sensors can monitor every change in the structural health of a building, bridge or hillside. For instance warping of a structure, the influence of ground water level variations and the effect of building activities nearby a structure are monitored. Also influence of traffic on bridges and railway embankments can be closely monitored.

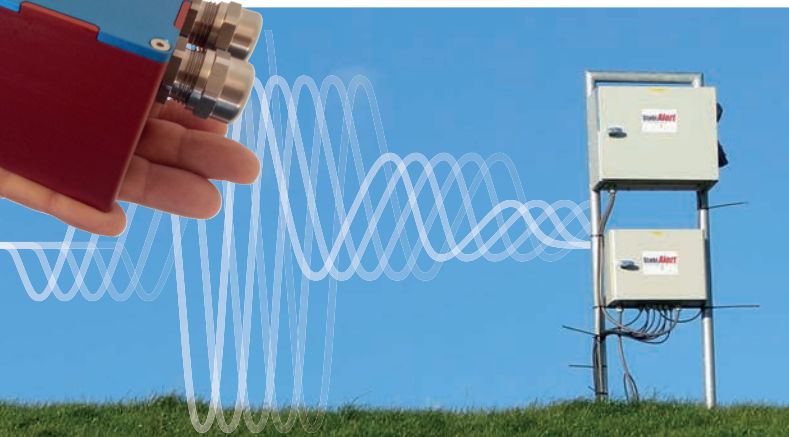
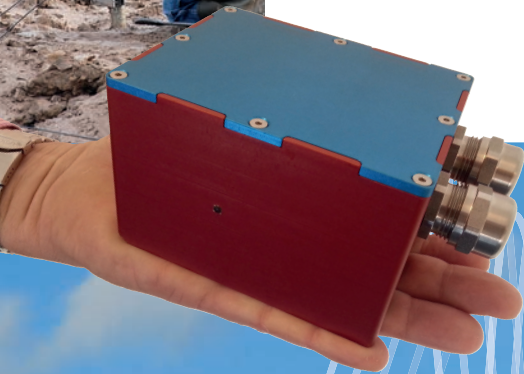
### **Dike monitoring**

StabiAlert offers a comprehensive solution to retrofit existing dyke bodies without endangering the structural integrity of the dyke. We can erect an early warning system within a few days notice. In our Dyke-Health-Dashboard all data is on-demand available and combined with environmental parameters e.g. the tide, sunshine, humidity, wave strength a.o. Finding correlations between the deformation of your dyke and these conditions is greatly simplified.

### **Subsidence monitoring**

Wide area subsidence is often accompanied by local earth quakes. StabiAlert immediately shows the impact of a local quake on a structure. Beyond discussion it becomes clear which area is affected and where its boundaries are.

Awaiting the execution of corrective intervention the monitoring system can be used as an early warning system.



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**StabiAlert**