

# GLM Lasermeßtechnik GmbH – Monitoring

## Monitoring

The monitoring and control of structures is one of the key tasks in industrial measurement. It is a process of gathering information on the current state of the observed object by measuring repeatedly the same targets. Because of this motorized total stations are especially suitable for this type of application.

## Mounting of segments

In the construction of complex facades, individual segments must be specifically guided and aligned. With our monitoring system you can monitor the segments from the ground and give appropriate instructions.

## Deformation analyses

Deformation monitoring is the systematic and permanent check of the change of a shape (3-D object geometry). GLM Lasermeßtechnik provides 3D measurement systems for manual and automatic deformation analyses. It is the systematic and permanent monitoring of the change of a shape (3-D object geometry) or dimension of one or more objects.

- Bridges
- Power plants
- Floating docks
- Dams
- Tunnels
- Pressure lines
- Building monitoring during a construction project

The accuracy depends on the task and usually is within a millimeter or tenth of a millimeter range.

If you need a special application for your needs, we will develop a custom-made solution for you. Otherwise, numerous applications can already be solved with our 3-DIM [software](#).