

SMS Deformation Monitoring

- Monitoring plays a key role in civil engineering and environmental management. It is part of facilities management.
- SMS provides precise survey results suitable for applications in subsidence and settlement monitoring.
- SMS allows management to cope with higher frequencies of survey with the same level of manpower.
- SMS is unique in providing excellent and comprehensive options for monitoring structural deformation.
- SMS is customized so that the selection of cycles and designation of base, previous and current visits (Epoch) is automated, with options that include random comparisons.
- Users perform the survey and the software compute the movements, generate charts and provide trend analysis.
- System is flexible and provides for 3-D input such as GPS/Traverse to assist in deformation analysis.
- Results are instantly available upon completion of field activity.
- With the surveyor's familiar interface, the use of the software is easy, allowing users with limited knowledge of computers to achieve instant computerization.