

BOLSHOI THEATRE Moscow - RUSSIA

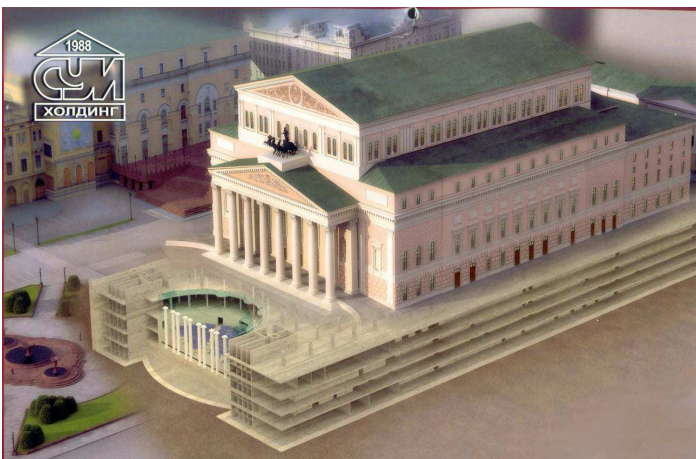
Real-time monitoring of the theatre's surface uplifts and settlements during renovation works

The Bolshoi Theatre in Moscow is one of the most prestigious stages in the city.

In July 2005, the monument closed its doors to the public after a decision of the Russian Federation to finance ambitious renovation and enlargement works.

Old foundations have been reinforced, a concert hall has been added under the square in front of the portico, four floors and a lateral extension have been added to the stage space in order to increase the building safety and modernise the stage loading and storage mechanisms.

As a monitoring specialist, SolData were asked to carry out the automatic instrumentation of the existing Bolshoi Theatre. SolData's mission consisted in monitoring the building in real-time during the critical periods of the works.



CLIENT : SOLETANCHE-STROY
DATE OF WORKS : JANUARY 2006

WORKS CARRIED OUT :

- Installation of a Cyclops for the real-time monitoring of the building
- Real-time alarms and visualisations
- Maintenance during 1 year