The construction of a new 6-storey building for the Arbitration Court with a total height of 22 m is located in the historic area of St. Petersburg. An extensive monitoring system is established to monitor the deformations or displacements respectively, at the buildings near the construction site to ensure their functionality and their stability.

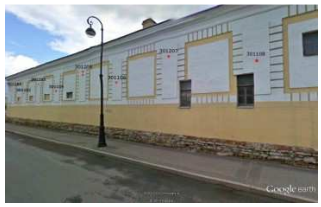
# St. Petersburg, Russia
# Court of Arbitration

| | |
|---|---|
| Project Start | 2012 |
| Contractor | Geostroy, Russia |
| | **Monitor Process** |
| Monitoring Systems | TUnIS Geomonitoring |
| | - Geodetic Monitoring System<br>2 Tachymeters, approx. 34 monitoring points<br>Software TUnIS Geomonitoring |
| | - Geotechnical Sensor System<br>Data Acquisition of 134 vibrating wire strain gauges<br>Tilt measurements at the building |
| | **Service Precision** |
| Service | - Installation<br>- Training<br>- Commissioning<br>- Maintenance |

*Court of Arbitration*

*Smolny Cathedral*

*Monitoring Object:*
*Wall of the Smolny Cathedral*



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