

# CGI SatSight

CGI's SatSight provides significant improvement over current methods of infrastructure monitoring, such as field inspections or helicopter monitoring. Satellite monitoring provides an early warning system and has a lower cost of maintenance with no hardware to purchase or maintain.

Developed by a team of innovators in the Czech Republic, CGI SatSight enables clients to automatically download, process and use data from **satellites** to provide **infrastructure threats warnings** or general information about area monitoring.

Using freely available **radar or optical images** from Sentinel data, this solution can currently detect floods, third-party interferences and vegetation near safe-lines of defined infrastructures and monitor ground movement with millimeter precision. It is use-case independent, therefore prepared for implementation of other types of analysis that may be tailored to clients' needs. Once alerted, users can decide whether to send inspectors to the identified area or further investigate it with higher spatial resolution data or take other measures.

This innovative platform provides:

- Distributed and scalable processing with results computed within a few minutes
- End-to-end solution ready for integration into existing clients' systems
- Platform and software independence – container (plug-in) architecture
- Use of open source technologies, freely-available data as well as the VHR data from commercial providers

satellite technologies • automated and continuous processing • universal and complex solution • E2E service • cloud based solution with API

## CONTACT

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