

PRODUCTS

iSiteCentral® Data Management



 **Geocomp**
A Sercel Business

City Hall Plaza Boston, MA / geocomp.com

iSiteCentral®

iSiteCentral® is a user-friendly, cloud-based system that continuously monitors data from sensors and instantly alerts you to any unexpected changes in infrastructure performance. This early warning system allows you to take action before issues become costly or disruptive, helping you adjust designs or construction methods as needed to prevent serious problems.

Why Choose iSiteCentral®?

iSiteCentral® is designed to make your data management seamless, secure, and easily accessible, all in one platform. With this powerful tool, you can make informed decisions faster and with more confidence. Here's how iSiteCentral® adds value to your projects:

Tailored User Experience: Customize the interface to suit your needs, with sensors and data visually represented on cross sections, plan layers, and charts. View multiple data sources on one chart for better analysis and decision-making.

Seamless Integration: Work effortlessly with built-in Microsoft Word and Excel add-ins, making it easy to manage and share reports and data directly within the platform.

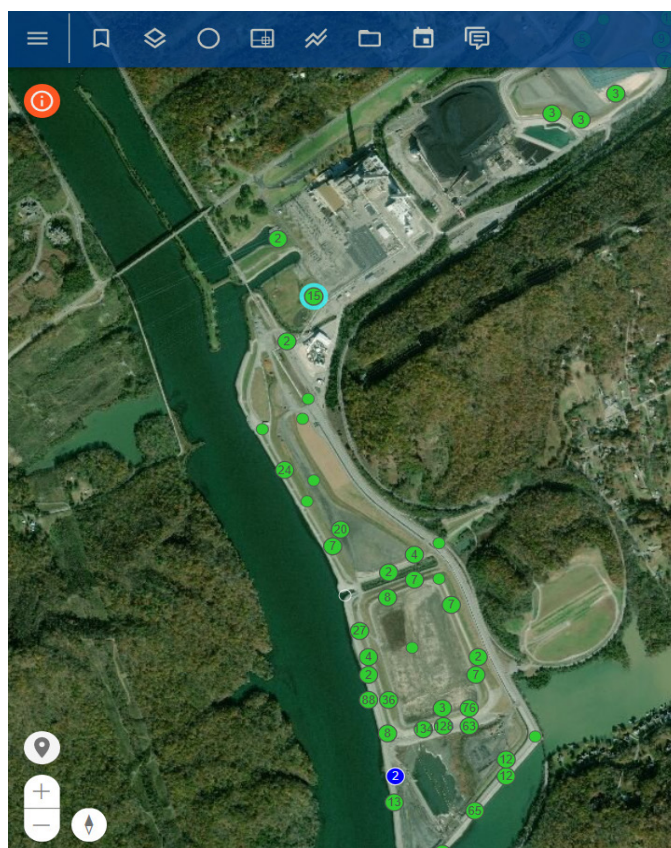
All Your Projects, One Login: Easily access multiple projects from a single, secure login, simplifying your workflow and saving time.

Top Level Security: With Microsoft Azure Authentication, you control who accesses your data, keeping your project information protected.

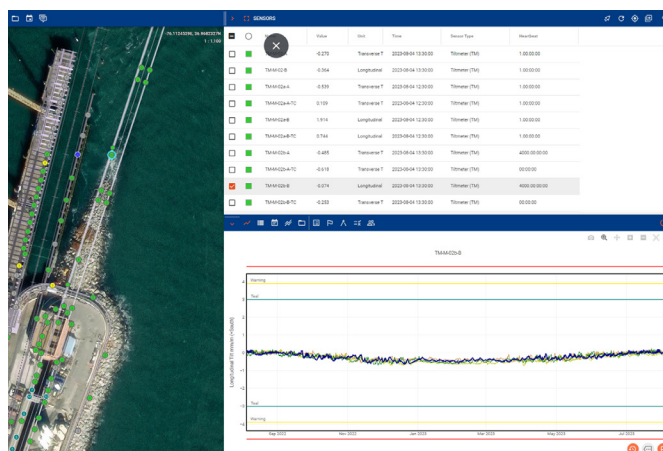
Applicable Across Multiple Sectors

iSiteCentral® delivers real-time data, actionable insights, ensuring that clients can maintain safety and structural integrity across diverse projects.

- Wind Towers
- Buildings
- Dams & Levees
- Tunnels
- Bridges
- Mines
- Stadiums
- Railways



iSiteCentral® dashboard



iSiteCentral® dashboard of sensors and graphs

Technology

iSiteCentral® makes it easy to review and communicate key performance information about public safety, risk management, operations, maintenance, and more.

Sensor to Screen

- Effortlessly collect and analyze data from a wide range of sensors.
- Access information reports instantly through mobile apps and third-party web-data services for rapid evaluation and decision-making.

Device Integration

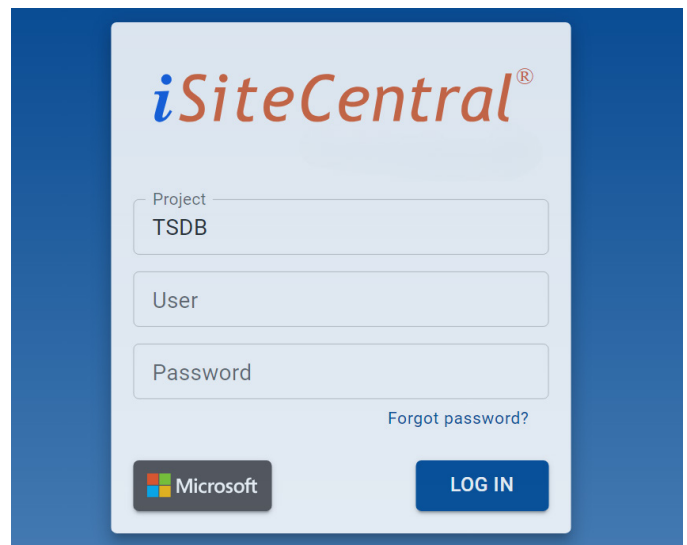
- Seamlessly integrates with robotic total stations, data loggers, and additional project equipment.

Storage Capacity

- Capability to manage over 1,000 GB of data and over 50,000 sensors.

Geographic Information System (GIS)

- GIS interface allows clients to easily visualize and interpret complex data for more informed decision making.



Secure login from any device



Receive immediate alerts when a sensor threshold is exceeded

Reliable. Trusted. Value-driven. Innovative.

For more than 40 years, Geocomp has been a trusted partner in providing clients with innovative geotechnical solutions.

KEY BENEFITS

- Accessible data 24/7
- Real-time automated alerts
- Web-based platform
- Informative reports & analysis
- Secure access, password protected
- Multiple users
- Daily backup
- Dual-system synchronization
- Web-based charts & graphs
- Supports small and large projects
- Seamless sensor integration
- Limitless storage
- Capability to store monitoring data from any instrument
- 99.99% uptime for trusted reliability
- Efficient document management
- Excel and Word Add-In
- Enhanced mapping & design

Experience you can trust

As instrumentation and monitoring remain a key aspect of risk management, a comprehensive data management solution is a crucial component of a safety monitoring program and contributes to the success of projects. *iSiteCentral*® is a trailblazing choice that has consistently delivers exceptional results for many clients around the world.

Gov. Mario M. Cuomo Bridge

Geocomp designed, installed, and commissioned one of the most advanced Structural Health Monitoring (SHM) systems in the U.S., integrating around 1,000 sensors and a state-of-the-art software platform, *iSiteCentral*®. The system provides real-time monitoring of bridge performance, measuring load and environmental effects with data synchronized to within 3 milliseconds. Through *iSiteCentral*®, the system evaluates the bridge's current load and health, displaying key metrics such as temperature impact, seismic activity, ship impact, wind response, vibration, and displacement, all accessible via a secure, user-friendly dashboard.



Crenshaw LAX Transit Corridor

Geocomp provided instrumentation and monitoring for over a mile of twin bored tunnels, three cut-and-cover/station excavations, and one low excavation site, integrating data from more than 2,000 sensors through its *iSiteCentral*® platform. This included automated MPBXs, inclinometers, strain gauges, and tilt meters, along with data from the Tunnel Boring Machine (TBM) and Automated Motorized Total Stations (AMTS). *iSiteCentral*® also centralized installation documentation and photos for easy access and reporting. Geocomp closely monitored excavation activities near heavy commercial areas to help manage tunneling work and mitigate the risk of movement to nearby structures and utilities.



Geocomp provides cutting-edge solutions leveraging the latest technological advancements to help clients achieve their goals.
To learn more visit [geocomp.com](https://www.geocomp.com)


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