



Intelligent real-time monitoring solution for infrastructure and engineering projects. Featuring advanced data analysis, automated reporting, and intelligent alarms, it improves efficiency, decision-making, and structural safety.

FEATURES

Developed by Engineering Experts	Created by experienced engineers and product managers specialising in engineering, surveying, transportation, water conservancy, and IoT applications.
Multi-Brand Compatibility & Integration	Supports monitoring instruments from various manufacturers, protocol integration, and migration from existing monitoring platforms.
Unified Data Management	Combines manually collected and automatically collected data within a single platform for streamlined management.
2D & 3D Project Visualisation	Supports two-dimensional and three-dimensional project mapping with drag-and-drop monitoring point placement.
Intelligent Data Analysis	Provides process curves, profile analysis, cross-point comparison, and multi-dimensional data interpretation for improved decision-making.
Automated Reporting & Alarms	Features automatic report generation, colour-coded alarms, and customisable alert levels to improve efficiency and responsiveness.
Data Validation & Traceability	Stores original monitoring records for reliable data verification and long-term traceability.
Customisable Interface & Branding	Supports custom dashboards, report templates, domain names, login interfaces, and branding elements.
Modular System Design	Flexible modular architecture allows rapid adjustment and expansion to suit project requirements.

SPECIFICATIONS

Platform Type	Intelligent Monitoring Data Platform
Application Areas	Bridges, tunnels, slopes, foundation pits, dams, water conservancy, transportation, and infrastructure projects
Data Collection Support	Manual and automatic data acquisition
Instrument Compatibility	Supports monitoring instruments from multiple manufacturers
Communication Protocols	Protocol integration supported
Data Migration	Supports migration from existing monitoring platforms
Visualisation	2D and 3D project mapping
Monitoring Point Management	Drag-and-drop measuring point placement
Data Analysis Functions	Process curves, profile analysis, cross-point comparison, multi-dimensional analysis
Reporting Function	Automatic report generation
Alarm System	Colour-coded alarms with customisable alarm levels
Data Validation	Original data record storage and review
Dashboard Customisation	Supported
Report Template Customisation	Supported
Custom Branding	Custom domain names and login interfaces supported
System Architecture	Modular design
Platform Access	Web-based monitoring and management platform
Primary Benefits	Intelligent management, real-time monitoring, automated reporting, improved efficiency and decision-making

For more information about the GeoSitter Monitoring Data Platform or to discuss your project monitoring requirements, contact the team at CESCO Equipment. Our specialists can assist with tailored monitoring solutions, system integration, and technical support for your infrastructure and geotechnical monitoring projects.