

SITEMONITORLIVE

REAL-TIME 3D MONITORING

**BERMS,
VOLUMES
AND SLOPES**



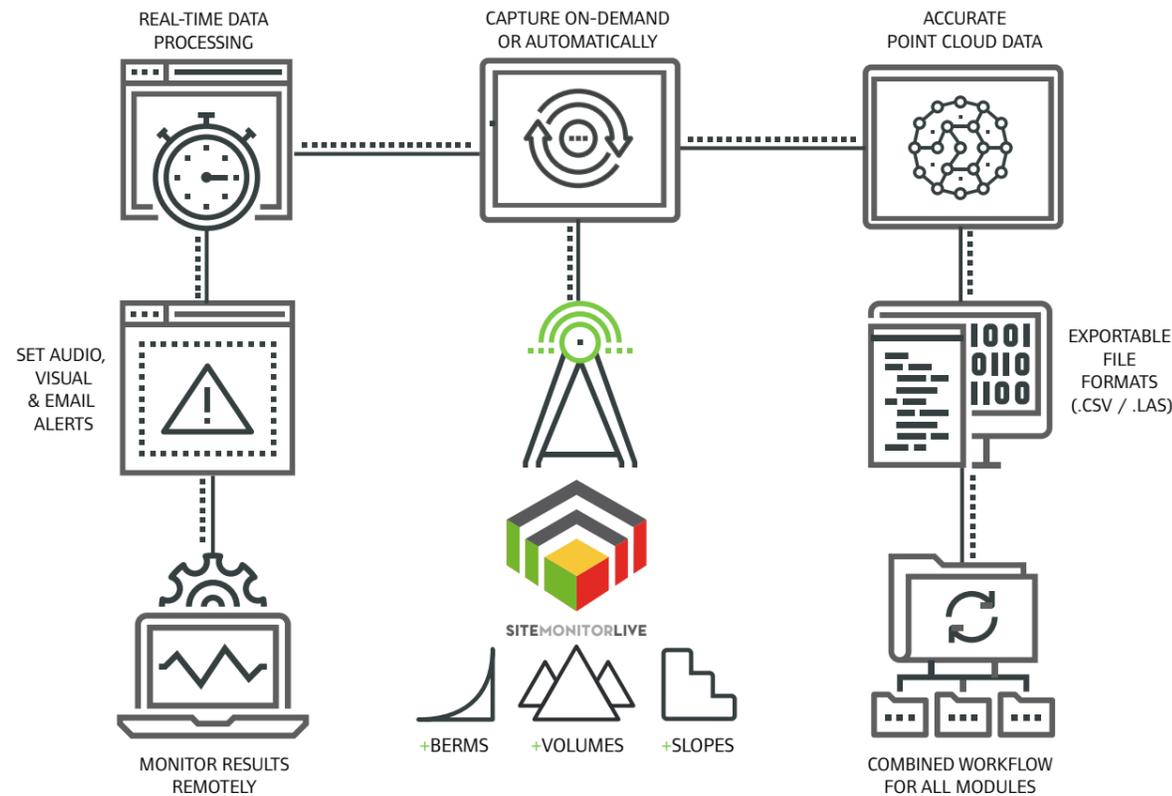
SIMPLE | SCALABLE | AUTOMATED



A Scalable Platform for Capturing and Managing 3D Data

Designed to work in harsh industrial environments, our latest LiDAR based solutions provide enhanced operational and environmental intelligence in a modular package.

From real-time volumetric calculations to critical slope stability alerts, SITEMONITOR LIVE represents a step-change in the approach to situational monitoring. We combine automated systems and software to offer improvements in safety, efficiency and productivity.



Intelligent Safety Management

The ability to observe structural change and construction progress in real-time helps to improve operational efficiency whilst also increasing safety for workers. Our intelligent, sensor driven systems provide data on demand, with real-time results and automated reports which are easily accessible.

The intelligent alarm function automatically analyses scan data with visual, audio and email alerts to warn of changes outside of set parameters. The system can be set to trigger automated reports which can be sent via email or SMS, allowing time critical decisions to be made remotely.

The reporting criteria are user-definable and include information on displacement rates, error messages and full diagnostic logs.

+BERMS

Berms can be eroded and damaged by day to day contact with heavy machinery and trucks as well as by harsh environmental conditions. It may be impossible to manually and repeatedly inspect the heights and structure of berms across an entire site as regularly as is needed.

SITEMONITOR LIVE +BERMS offers an automated solution for the continuous monitoring of the structural integrity and height of these safety critical features, safeguarding the lives of operatives and productivity of operations.

+VOLUMES

SITEMONITOR LIVE +VOLUMES removes the need to manually measure stockpiles. Our industry leading scanner and software package provides time-series automated calculations to improve the safety and accuracy of surveys. Operating at over 95% accuracy, this intuitive and easy to manage system streamlines inventory management for remote or large operations.

Multiple scanner set-ups offer enhanced coverage, with the ability to measure at business critical intervals – end of shift, run-of-mine calculations & waste management.

+SLOPES

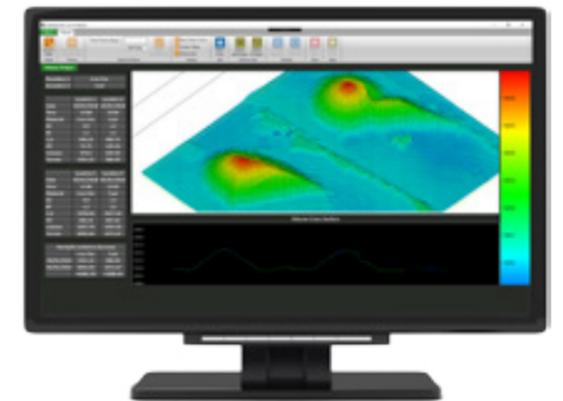
SITEMONITOR LIVE +SLOPES has been designed to monitor slopes in both industrial and environmental settings. This unique solution compares data collected over a period of time to identify rockfall and other precursors to slope failure.

With fully automated alerts and reports, +SLOPES provides constant and enhanced intelligence to improve safety in high risk areas whilst maintaining operational efficiency.

On Demand, Real-Time Data

Automatic change detection can make the difference when planning and executing an operation-wide smart strategy. Our intelligent, sensor driven systems provide live data and automated reports which are easily accessible, allowing time critical decisions to be made remotely.

Each module has been designed to answer a specific challenge, yet can be combined into the same simple user interface for an easy to manage workflow.



What to expect from 3D Laser Mapping

- Industry leading systems integration
- Full consultation based on your operational requirements
- Standard and advanced training at your location
- Unrivalled technical support: online, email and telephone

WWW.3DLASERMAPPING.COM/SITEMONITOR-LIVE



UK & EUROPE

+44 (0) 1949 838 004
info@3dlasermapping.com

AFRICA

+27 (0) 12 683 8766
info@3dlasermapping.co.za

AMERICAS

+1 (0) 780 214 3554
denver@3dlasermapping.com

ASIA PACIFIC

+61 (0) 8 9261 7703
perth@3dlasermapping.com

