

WORLD'S FIRST MOBILE PRISM MONITORING SOLUTION HAS ARRIVED!



AMASIA™

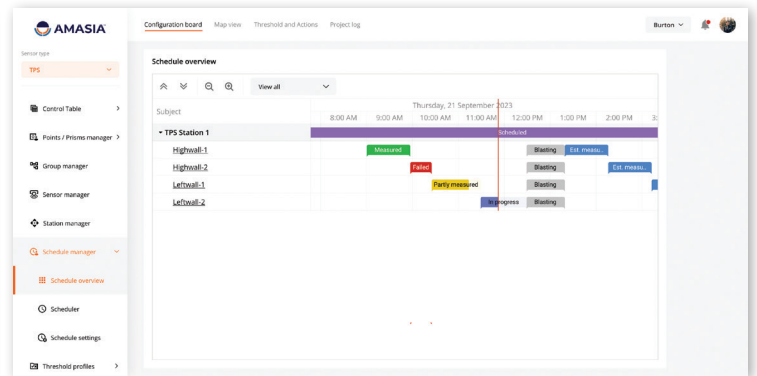
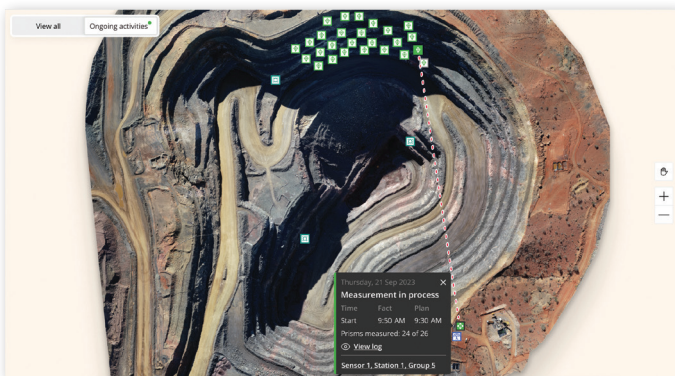
SIMPLE Interface
CLEAN Data
SMART Decision

AMASIA™ Monitoring Software

AMASIA™ Monitoring Software brings together the latest in deformation monitoring technology with integrations that brings various leading monitoring technologies together, providing a common interface for data management, scheduling, and a powerful cross-check notification system.

This innovative use of multiple product integration and data analysis is unlike any other software on the market.

AMASIA™ will transform and innovate your monitoring experience.



Screenshots from the AMASIA™ interface

KEY FEATURES

Self-Orientating

The fast, self-orientation routine embedded in AMASIA™ software, ensures continuous monitoring after disruptive events.

Edge Device Capability

Developed with edge device capability, ensuring the application can be deployed on any device of the client's choosing.

Wizard Driven

Wizard driven for setup and configuration tasks. The Wizards strategically steps the end users through the required steps for setup of a prism monitoring system limiting errors with sensors, configurations, imports and settings.

On-the-fly Configuration

Allows end users to change configurations as required on-the-fly, which are then updated on the users nominated schedule.

Adjustment Watchdog

Monitors the adjustment factors calculated by both atmospheric and reference distances methodologies and compares them to ensure false adjustment factors are not being used.

Automated Step Removal

When AMASIA™ detects an event which results in a step being introduced into the data that is not indicative of prism movement, the software will automatically remove this step. Such events include changes in serial number, meaning a total station has been changed out, control updates from GNSS sensors or manually updated control coordinates etc.

Smart Alarming Thresholds

Monitors the performance of the sensors against specification, as well as the atmospheric influence on site, to allow for applicable alarm thresholds based on distance rather than a single value for all targets.

Dynamic Scheduling

Dynamic scheduling allows integrated technologies to call up observations of sensors in alarming areas, with priority, as well as displaying the past and future performance of each station.

CONTACT US for your free demonstration or trial of AMASIA™ Monitoring Software and experience the evolution for yourself.

info@pangeageo.com



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AMASIA™ Monitoring Software – Benefits & Business Case

AMASIA™ Monitoring Software is the next step in the evolution of monitoring software. After 25+ years of designing, commissioning, and supporting monitoring systems, we have paired the latest advancements in technology with our extensive monitoring knowledge, in one comprehensive platform.

AMASIA™ software vastly improves the monitoring workflow with an array of new features designed to improve the data collection process, while providing quality analysis for end users, that correlates with complimentary technologies for enhanced confidence.

The **AMASIA™** platform is dockerised meaning it can be installed on any platform you require, from a mobile phone, pit edge device, cloud based or on-premises installation. Customers can also integrate the **AMASIA™** software with devices such as **GEOPOD** to provide real time positional updates on control for live monitoring projects, which will also automatically remove steps from data created by moving locations.

The range of new features embedded in **AMASIA™** deals with many of the historical issues experienced by system operators. Issues such as loss of sensor orientation, step removal for data events, erroneous points and point group management have all been overcome by the introduction of smart and considered processes within the software, leading to a reduction in lost monitoring and greatly improved data.

In conjunction with the new features, the **AMASIA™** software also improves the analysis of data flowing into the platform with a new smart alarming procedure, whereby, the application can monitor the performance of their site-based sensors, allowing users to set thresholds at finite values just outside the performance band.

The addition of the smart alarming feature will reduce false alarms generated through erroneous readings while reducing threshold values in general. The **AMASIA™** system is extremely flexible with sensors integration, compatible with most total station brands as well as an increasing list of water, atmospheric and environmental sensors.

The end result is that **AMASIA™** will deliver better quality data through improved data acquisition routines; reduce the amount of downtime and lost monitoring with automated processes; and considerably increase system efficiency through automated management of prism groups.

AMASIA™ Monitoring Software reduces user management overhead, whilst streamlining audits and maintenance of prism monitoring systems, to industry best practice and provides a cost-effective way to rapidly advance mining operation efficiencies. **AMASIA™** will transform and innovate your monitoring experience.



GEOPOD

Developed by
Pangea Technology



Proudly Sold and
Supported by



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For more information on how
AMASIA™ can impact your business,
contact us via the details right:

E: info@pangeageo.com
Ph: +61 8 9418 1411
W: www.pangeageosystems.com

Scan the QR
code to visit
our website

