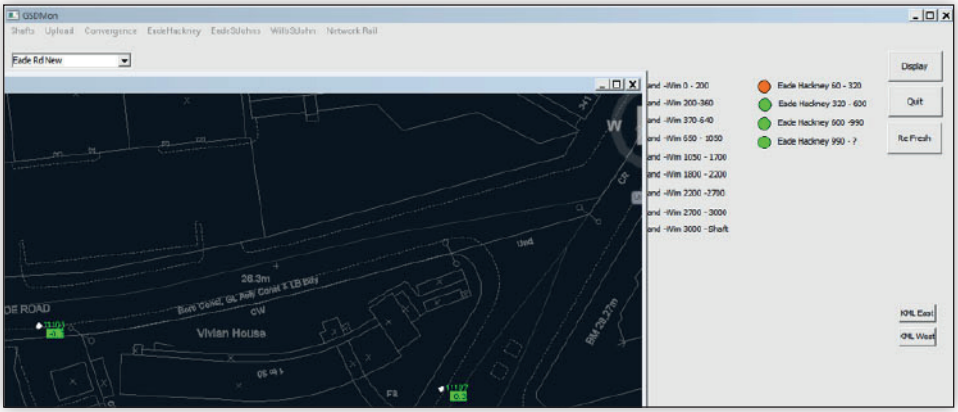
GSDMON MONITORING SOLUTIONS

» CUSTOMISED SITE OVERVIEWS, DISPLAYING QUICK & CLEAR MONITORING STATUS



GSDMon is a tool which facilitates the storing, displaying and analysing of monitoring data. Bespoke views show monitoring data overlaid onto site images to provide quick overview of monitoring status.

WHAT THIS COULD MEAN FOR YOUR ORGANISATION

Reduce risk to third party assets

Have access to current monitoring data, be able to view and analyse movement trends with trigger levels preset to alert if movement breaches preset levels. Current status of settlement values are colour coded in order to highlight current trigger status visually. Reporting trigger breaches can be by automated email if required.

More efficient use of resources

By automating the collecting and displaying of data less time is spent in processing monitoring data, this means more time is spent in the field by your monitoring teams reducing your staff costs.

As the data is on the host computer there are no loading delays allowing the project monitoring to be reviewed more quickly.

Increased standard of quality

All data is error checked during the upload process in order to eliminate false trigger alerts.

Data security

All data is stored on a secure Costain Server with access restricted to select individuals.

Access to data

GSDMon is run as a client on a PC, the data is accessed via the internet which means that the project teams are able to view and analyse data whenever and wherever they are providing they have internet access. As all data is stored on the host computer it can be simply copied into other software for further analysis. This removes the need to request selected data from 3rd Party monitoring contractors.

Tested and proven

GSDMon has been utilised for major tunnelling projects monitoring surface settlement, surface and underground rail, bridges and structures.

Customised to the project

GSDMon is customised to the project requirements and can be setup and used to handle 3D coordinate data or simple level data. Shaft and tunnel convergence data can be displayed graphically. GSDMon can handle data derived from automated monitoring instruments and software such as Leica GeoMos. If required monitoring data can also be displayed using mapping tools such as Google Earth.

Contact our Innovations Team today to discover what GSDMon could mean for your organisation.

CONTACT

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