



## + SSR-Viewer 9

Our latest release, SSR-Viewer 9, brings a host of new features and functionality to our market-leading software platform.

### SOFTWARE THAT UNIFIES ALL HARDWARE

SSR-Viewer 9 is the common software across all of our monitoring devices. It supports our entire radar suite as well as our new LiDAR-based technologies.

### POWERFUL NEW 3D ENGINE

It includes a powerful new 3D engine that revolutionises data visualisation.

## MAKING MINING SAFER

For our SSR-FX and SSR-SARx systems, this means visualising 2D radar data in 3D. These users can now view their data in the new DTM View visualisation, as well as in the existing Plan View visualisation.

In both, the deformation heatmap is overlaid on top of the scene, and users can switch between the two visualisations.

For our SSR-XT users, the 3D visualisation functionality has been significantly improved.

Users have the flexibility of importing a DTM or creating a radar-generated terrain map without one. The SSR-XT deformation heatmap can now be viewed in both the original Front View and 3D DTM View.



# Features and Benefits

## DRAG AND DROP EXTERNAL LAYERS AND STRUCTURES

Across all our radars, the new DTM feature allows users to drag and drop external models, geology layers and structures, with geo-referencing built in.

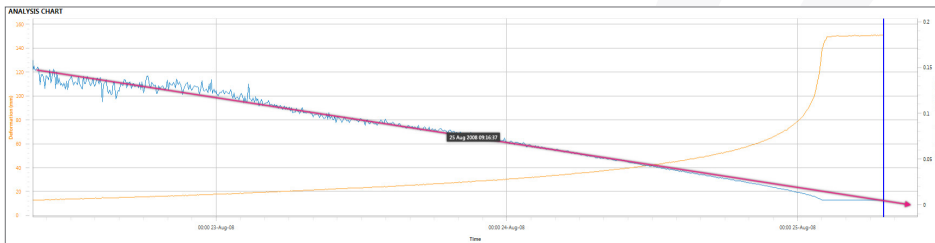
## SINGLE, FULL-SCREEN VIEW

A new single, full-screen option has been created for our Front View visualisation. It shows the deformation heatmap and high-resolution image in full screen. Users can toggle between this view and the existing double view.

## TWO NEW ANALYSIS TOOLS

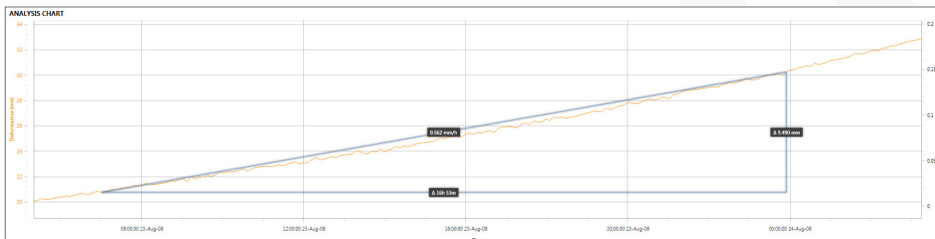
### FORECAST

Forecast allows users to estimate the time of collapse using inverse velocity theory, within both the Analysis and Custom Analysis tabs.



### SPOT VELOCITY

Spot Velocity gives users the rate of change between two points in time, together with the delta time and delta measurement, with the click of a button.



## ALARM THRESHOLD VISUALISATION

Alarm Thresholds is a new, powerful tool for visualising alarms in-chart. When an alarm is defined, the threshold is visualised on the chart using a banded window of three colours. Available for all alarm types, it is an effective tool for both alarm creation and back analysis.

## INCREASED LEVELS OF SUPPORT WITH WEBUPLOAD

SSR-Viewer 9 also includes improvements to our WebUpload functionality. We have redesigned the back-end to improve its overall performance and added in some further functionality.