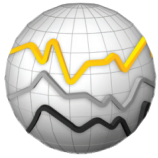




# 4D Lite

## SOFTWARE



Many monitoring projects do not require continuous measurements. With Trimble® 4D Lite, surveyors, engineers, scientists and others can visit projects periodically, collect data and display and analyze the data without the need for a complex real time monitoring system. T4D Lite is a cloud-based web application designed with the same advanced web interface and back-end stability that you have come to expect with Trimble 4D Control™, with the advantage that this is available for the analysis of any form of data time series.

### Sensors

The platform supports the full range of standard sensors used in conventional monitoring programs. A unique feature is the ability for a user to define any sensor type to accommodate any data time series, for example: pedestrians per hour, vehicles per day, eggs per chicken or whatever is required!

### Data

Data is easily uploaded to the system using standard spreadsheets which are supplied for this purpose. Data may be exported as required.

### Visualization

Sensors may be viewed on a map. A user may also create his own custom views using backdrop images such as photographs, drawings, plan extracts, sketches, etc. displayed contextually using maps and custom views. On both view types, data overlays are associated with the sensors. Data may also be viewed using Charts and Scatter Plots with flexible display options. Various export options are available.

### Analysis

Data from various different sources can be displayed in a single graph to assist in correlation detection. Regression lines may be applied to determine trending. Outliers may be easily excluded to refine the analysis.

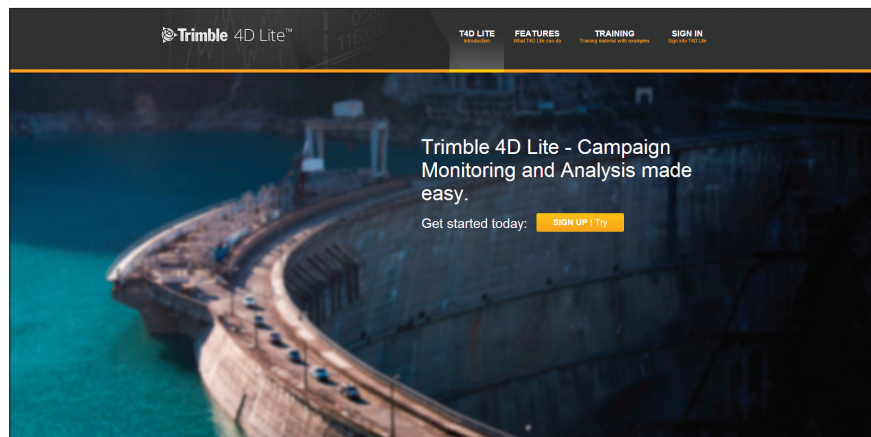
The analyst has the flexibility to define the date of the reference measurement. The data range may be defined as a fixed period or as a rolling window.

### Event Logging

The system includes a Logging facility to capture events of interest. These may be displayed on the analysis charts to aid in data interpretation.

## Key Features

- ▶ Periodic monitoring of any data time series
- ▶ User defined sensors and data
- ▶ Advanced visualization and analysis tool
- ▶ Easy access to the monitoring world





**Account Settings**

View and edit your account and organizational info.



**Analysis**

View the selected data series of multiple sensors in a complete chart to graphically analyze the structural behavior.



**Charts**

View the selected data series of a single sensor in a simple chart.



**Scatter Plot**

Visualize and animate positional displacement over time for a particular sensor.



**Custom Views**

View sensor location, data and state on user supplied images, with data updates at specified time intervals. Sensors can be placed at specific points on the image and will display relevant data upon clicking on each sensor.



**Logs**

Record activities and items of interest either manually or automatically, append comments, group by Log Type and search by criteria.



**Projects**

Create and manage monitoring projects.



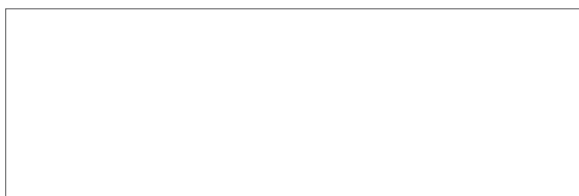
**Sensors**

Configure sensor data to be displayed in the web interface, view sensor properties, latest sensor readings and current sensor state.



**Map**

View sensor location.



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