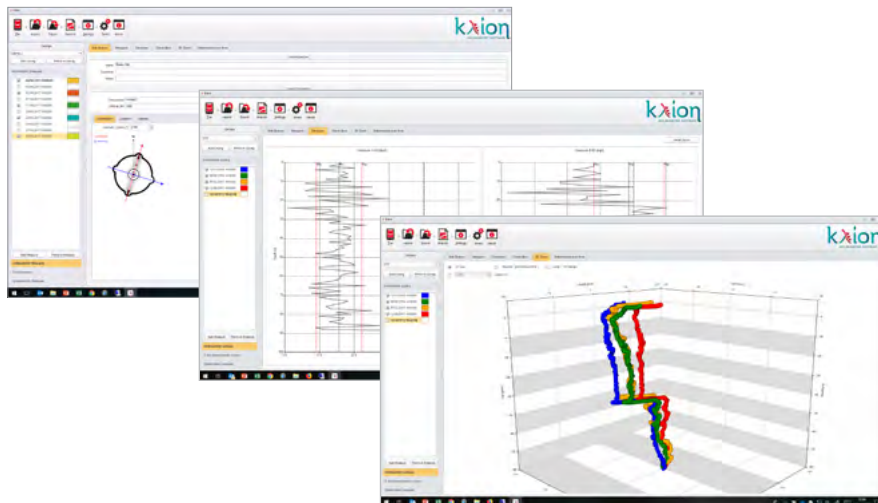




kxion

SOFTWARE

CABLES,
ACCESSORIES
& SOFTWARE



KLION SOFTWARE

KLION is a powerful tool designed to manage vertical and horizontal inclinometer readings, spiral meter compensation and T-Rex extensometer surveys. The software was developed in cooperation with the Geohazard Monitoring Group (GMG) of CNR-IRPI (the Research Institute for Geo-hydrological Protection, a branch of CNR, the Italian National Research Council).

KLION allows to import data from B.R.A.IN systems and Archimede readout to create incremental, cumulative, local and absolute graphs. KLION permits to correct zero point and data elaboration according to the advanced suggestions published by Mikkelsen in 2003 in the article "Advances in Inclinometer Data Analysis".

KLION is supplied with two USB flash drives: one "installation flash drive" and one "licence flash drive". If the licence flash drive is plugged in, KLION can run on any compatible PC.

SYSTEM REQUIREMENTS

- Microsoft ® Windows ® Vista, 7, 8, 8.1, 10 (32 and 64 bit)
- RAM memory 512 MB minimum
- Hard Disk 100 MB for software installation
- Internet connection for up-dates
- Licence USB flash drive pluggen in

BENEFITS

- Advanced data elaboration
- 3-D inclinometer data view
- Compatible with old INCLI2 files
- Fully customizable report plot
- Multilanguage
- With XML BRAIN file, user can import survey data and notes, site and casing names, descriptions and GPS coordinates, and many other information in one click.

SOFTWARE MAIN FEATURES

DESCRIPTION

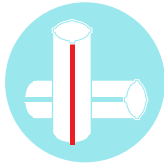
COMPATIBILITY



User - oriented interface

All functions are displayed in a user-oriented interface that permits to manage most operations using a point and click action.

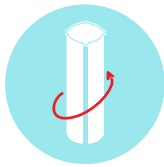
Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer



Vertical and horizontal casings

Klion permits to set-up and manage both vertical and horizontal readings.

Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer



Spiral data correction

With deep borehole installations, casing twisting can occur. Klion software allows the automatic compensation of the inclinometer data with spiral meter survey.

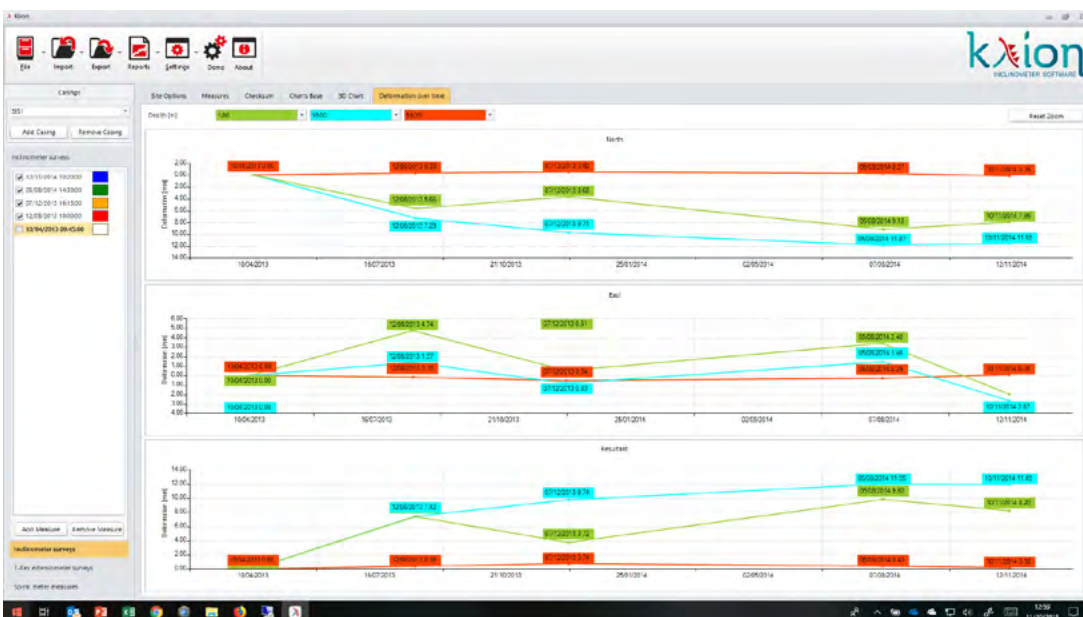
Vertical inclinometer
Horizontal inclinometer



Deformation over time

For inclinometer readings, user can view data behaviour over the time in three specific depths. Default positions are top, bottom and middle, but is possible to customize the depths with dedicated dropoff windows.

Vertical inclinometer
Horizontal inclinometer



DEFORMATION OVER TIME

FEATURE
DESCRIPTION
COMPATIBILITY

Zooming charts

All the graphs are presented in an automatic scale for a general overview of the readings. Klion permits to zoom-in or zoom-out with a simple mouse scroll. With simple right-click on the each graph, user can print or save it in different formats.

Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer


Customizable report file

User can choose the report to generate: with all the elaborations, or only with inclinometer data, extensometer data, spiral data or check sum. After the creation, an advanced Word Processor permits to edit, format and print the report.

Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer


Multilanguage software

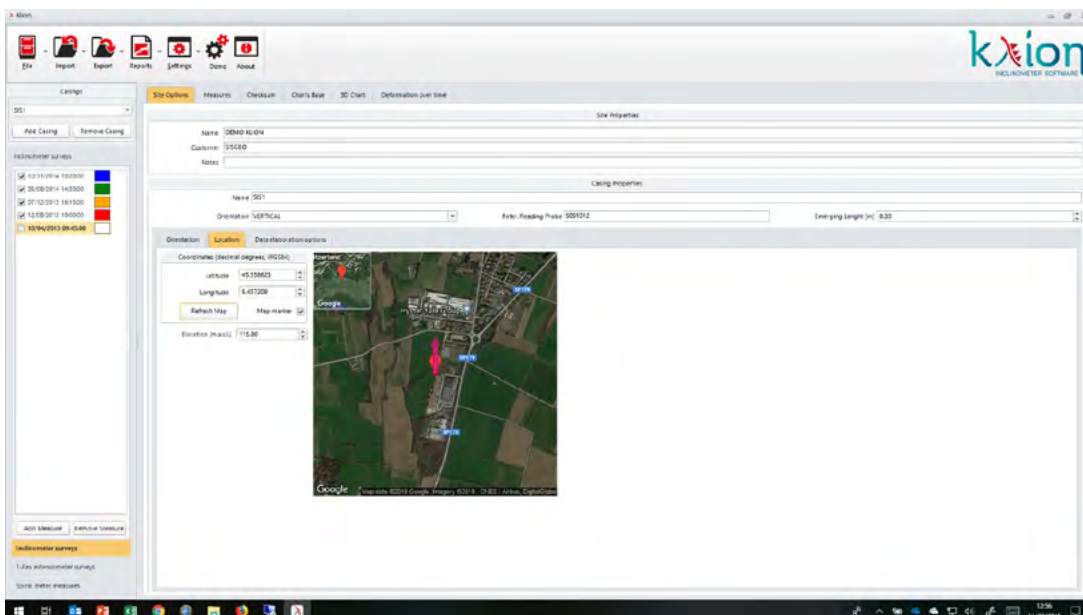
Klion is a native multilanguage software: it is available in English, Italian, French, Spanish and German.

Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer


Geolocation and displacement vector

Klion has a built-in Google Map tool that allows the borehole view on a map. Two displacement vectors are plotted over the map: the blue one represents the top borehole displacement direction and the red one represent the maximum displacement direction over all the borehole length.

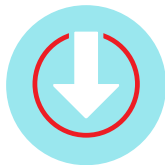
Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer


GEOLOCATION AND DISPLACEMENT VECTORS

FEATURE

DESCRIPTION

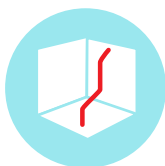
COMPATIBILITY



On-line software updates

If Klion is installed on a PC/notebook connected to the Internet, it will be automatically updated.

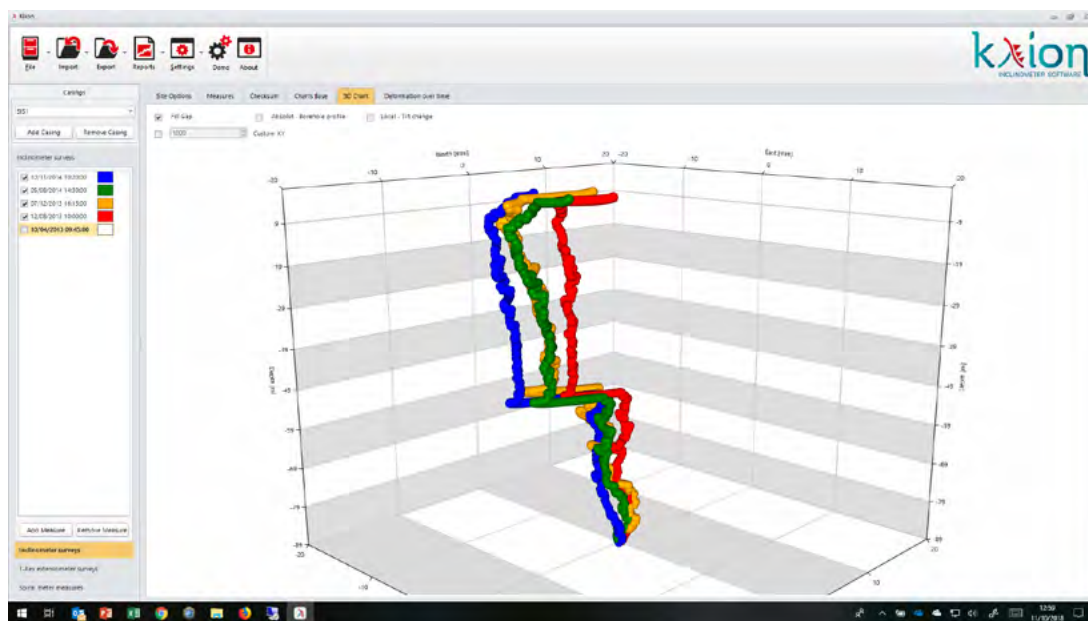
Vertical inclinometer
Horizontal inclinometer
T-Rex extensometer



3D graphs

With this powerful program, user can view the inclinometer data elaborations in a 3D graph. Drag the mouse to rotate the graph in the space and scroll for zooming in and out.

Vertical inclinometer
Horizontal inclinometer



3D GRAPH

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