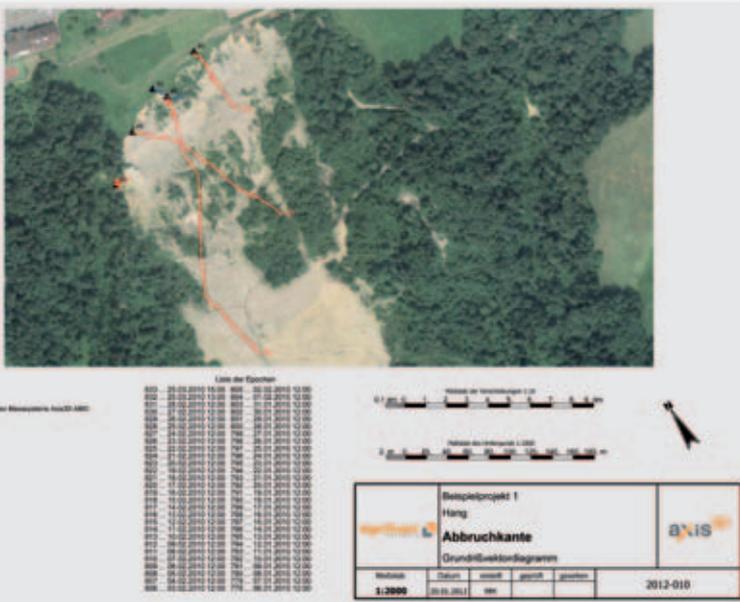**axis³ᴰ**
DGE

Axis3D DGE

PC-Software for customized design of deformation graphics
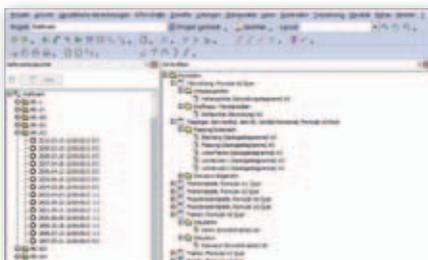

Individual graphics management: Customize your graphics structure, according to project requirements.

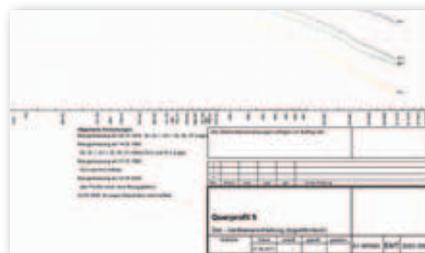**Comprehensive graphics:** Adapt graphics to project demands.

Recognizable: Use individual graphics standards to create recognition value for your customers and maintain your corporate design.
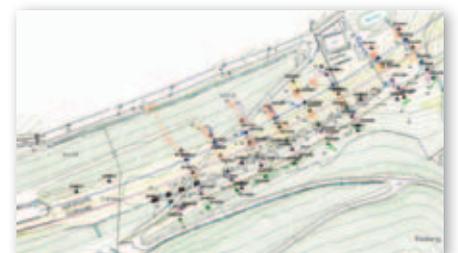
Graphics Management

Define different **templates** and make them your **office standard**. Using these you can quickly create project specific, individually customized graphics. This hierarchy lets you work efficiently and gives you a quick overview. Standards are maintained, no matter how many people generate graphics.

Layout Design

Create your **own layout** for forms and graphics. Specific paper size, frames, and plot header design are possible, as well as company or project-specific **combinations** of a variety of **diagrams, tables**, pictures/sketches, and graphical elements.

Customized Graphics

Considering the many possible project requirements, **diagrams can be adapted according to tasks**, from scaling and labeling diagram axes to graphical design of deformation lines and vectors. Choose labeling and tolerance limits according to the scope of work.

significant
s o f t w a r e

System Information

Hardware (not included)
- PC with at least 2 USB ports
- 21" screen (recommended)
- Three-button mouse

Software
- Axis3D PC software, incl. USB or SD dongle
- Languages: German, English; French (coming soon)
- Operating systems: Windows XP, Windows Vista, Windows 7, Windows 8 (32-bit and 64-bit, respectively)

Related Products
- Axis3D DGB - Deformation Graphics Basic
- Axis3D DGP - Deformation Graphics Professional
- Axis3D DG3 - Deformation Graphics 3D
- Axis3D DGO - Deformation Graphics Online
- Axis3D DGR - Deformation Graphics Realtime

Applications

Mass Wasting
3D coordinates from trigonometric and GNSS measurements, geotechnical sensors; Slopes, quarries, building pits

Reservoirs
3D coordinates, heights, geotechnical sensors; Dams, embankments, aqueducts

Civil Engineering Structures
3D coordinates, heights, geotechnical sensors; Bridges, tunnels, buildings, retaining walls

Axis3D DGE Functionality

General
- Add-on module to other products of the Axis3D Deformation Graphics solution
- Easy to use and flexible user interface

Types of Diagrams
- Display objects in 3D, showing deformations (color gradient, isolines, vectors)
- Vector deformation graphs in plan view
- Vector deformation graphs in front view
- Relative vector diagrams
- Settlement diagrams
- Time related diagrams
- Advancement related graphics (lines of influence)
- Cross-sections with deformation vectors
- Cross-sections for surface monitoring
- Tables (automatic paging)
- Individual diagram layout

Graphics Elements
- Permanent text
- Variable text
- Primitives (lines, arcs, rectangles, polygons)
- Groups
- Drawings/sketches (pixel and vector formats
- Customizable graphics layout

Formulas
- User-defined formulas for tables and diagrams
- E.g. calculation of horizontal deviations resulting from foundation tilt

Georeferenced Drawings
- Import and management of pixel formats (e.g. JPG, TIF, WMF, BMG)
- Import and management of vector formats (e.g. DXF, DWG, HPGL)
- Georeferencing for plan view and cross-sections
- Optional semi-transparent presentation
- Customizable layout of vector graphics

Paper Formats
- A4 to A0, portrait or landscape
- User defined formats (e.g. US letter formats)
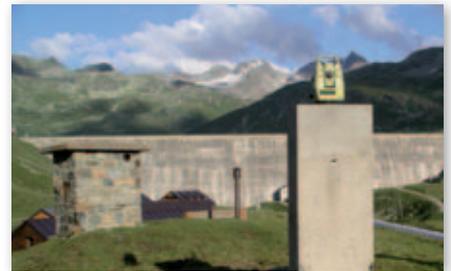
Database
- Management of all graphical elements, forms, georeferenced pictures, and diagrams
- Customizable, project related data structure
- Database synchronization
- SQLite, Oracle, Microsoft SQL-Server, Interbase

Customers

KELAG

Vorarlberger Illwerke AG

Contact Information

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