GeoTools™

Boosting AutoCAD and BricsCAD productivity since 1999

THE SMARTER WAY TO
Manage Geographic Data

Now supports BricsCAD V26

DEVELOPED FOR

BricsCAD®   AUTODESK AUTOCAD   ZWCAD   Grébert ARES® Commander

10x Achieve upto 10 times faster geographic data processing

What is *GeoTools?*

GeoTools is a geo-data application that is useful to view, create, modify, analyze and report on CAD data that is geographic in nature. If your nature of business is GIS data creation, surveying, mapping, facilities management, infrastructure, landscape development, city planning or similar, then GeoTools can make a difference for you and increase your productivity.

GeoTools is a very handy time-saver for GIS-data preparation and editing in the CAD environment.
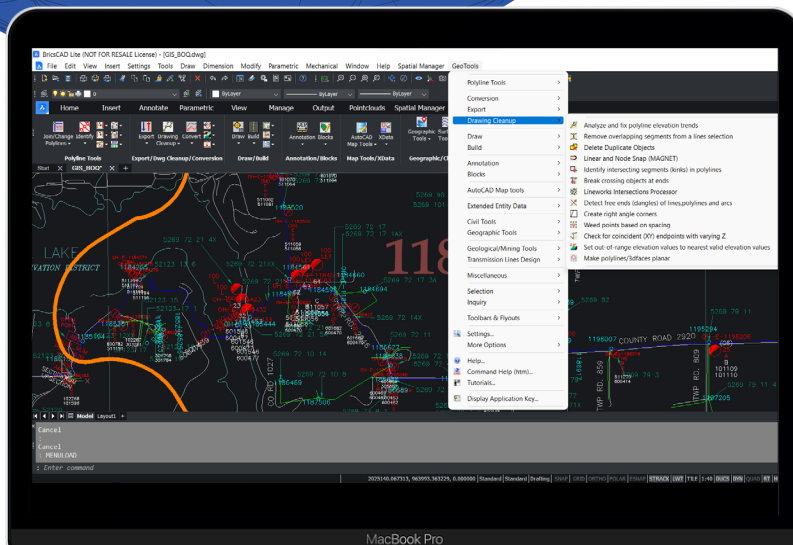
GeoTools - Our flagship product

GeoTools V26 Software: AutoCAD/BricsCAD/ZWCAD/ARES Commander compatible

A collection of frequently asked geo-data related tools for AutoCAD/BricsCAD/ZWCAD/ ARES Commander. It also runs on all vertical application add-ons. Pull down, ribbon, tool bar, dialog box and command line interface. It is also compatible with all other third-party applications. Available in Spanish, German, French, Italian & Portuguese interfaces also.

Why *GeoTools?*

➔ Increased operator efficiency

➔ Significant reduction in operator errors

➔ Commonly required geo-data related CAD tasks automated

➔ Wide range of functionality – Civil Tools, Map Data Clean-up, Google Earth integration, Survey data processing & more

➔ Advanced Data Management – Turn your dwg into a database

➔ Available in 6 languages : English, German, Spanish, Portuguese, Italian and French

Click here for DEMO VIDEO

*Geo*Tools V26 Software
for AutoCAD/BricsCAD/ZWCAD/ARES Commander

GeoTools is a light-weight geo-data CAD software that runs inside AutoCAD/BricsCAD/ZWCAD/ARES Commander.

GeoTools is a very handy time-saver for GIS-data preparation and editing in the CAD environment.

With geographic data being used by a wide variety of CAD users from AEC and other industries also, GeoTools is a must-have CAD tool for a large set of CAD users today.

Typical Industry workflow profile

➜ Natural Environment Management: Conservation, Land Use and Ownership

➜ Built Environment: Architecture, Engineering, Construction - both owner & operator-facing

➜ Physical Assets Management: Public Lands and property, Rail, Road, Energy, Utilities, Oil & Gas

GeoTools is a very handy time-saver for GIS-data preparation and editing in the CAD environment. However, it is not a GIS software.

What does
*Geo*Tools *offer?*

*Geo*Tools *functions include…*

- Advanced Polyline labelling & annotation tools

- Map Data clean-up, linear/ polygon network tools

- Civil & Survey Data import/ export Tools

- Cross-section profiles, long sections, chainage tools

- Volume Calculations & TIN generation

- Advanced AutoCAD Map Tools

- Coordinate Conversions / Google Earth interaction

- Powerful Blocks and Attribute Management

- Geographic Tools

- Geology & Mining Tools

- Fully compatible for batch script processing

How does GeoTools compare with AutoCAD Map / Civil 3D / Google Earth?

GeoTools offers more than 60% of the functions that are found in AutoCAD Map and which are commonly required by majority (90%) of users.

Data Clean-up & Optimization:
All data clean-up and optimization techniques found in AutoCAD Map like polyline vertex weeding, densification, fixing of overshoots and under-hangs, intersection clean-up based on snapping etc. are handled by GeoTools in an effective manner. Independent snapping of points in 2D and/ or 3D is possible and all operations preserve all attached entity data like XDATA, object data, attributes etc.

Topology Building:
Building meaningful data from disconnected ones is always one of the goals of GIS. GeoTools has tools to build closed polygons from disconnected but touching edges, create area annotations, attached database and export to Excel.

Geographic Coordinates conversion:
GeoTools offers complete coordinate conversion from UTM, Transverse Mercator, Albers, and Lambert systems to Lat-Long and vice-versa, complete with datum shift handling etc.

Google Earth Interaction (Export/Import):
GeoTools offers complete integration with Google Earth and allows KML/KMZ data import and export of vector data.

All this is functionality that is found in Civil 3D software only. It is also possible to extract viewport image from Google Earth and bring it into CAD with geo-referencing.

Surveying & Terrain modeling:
For surveying professionals and terrain designers, GeoTools offers easy ability to create cross-sectional profiles, longitudinal sections, volume calculations, TIM grid creation, drawing of graded lines, traverse adjustments and so on.

Mining & Geology:
GeoTools also has a small section called Geological and Mining which is under development and in its initial design phases.

Planning & Visualization Tools:
GeoTools intends to add a set of planning and visualization tools for city and neighbourhood planning, zoning analysis, flight path and buffer zone modelling and so on.

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www.geotools.in

DesignSense ®

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DesignSense Software Technologies Pvt. Ltd.
#365/8, Hasmitha Avenue, 16th Main Road, Jayanagar 4T Block, Bengaluru-560 041
M: +91-9243438300 / 8073279755
E: rakesh.rao@thedesignsense.com Blog: **www.thedesignsense.com**