NANOCAD

nanoCAD Pro11.0

CSoft

NANOCAD
Professional grade CAD tool

nanoCAD is a professional grade CAD tool. It has a familiar interface, powerful drafting and design tools, native DWG compatibility, and an open API. It is available through a low-cost annual subscription, including updates and priority online support.
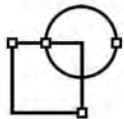
Familiar interface

With an intuitive interface and familiar commands you can create your projects right now. Transition pass from AutoCAD is smooth. Training is not required; you will feel right at home.

Direct DWG support

Direct support for .dwg file format makes nanoCAD ideal for project collaboration between your partners and teams around the world. Support of different versions of .dwg format ensures compliance of your older data.

Classic CAD toolkit

Use your favorite 2D drafting tools, modeling and editing functions and gain better results with unique nanoCAD tools.

Open API

nanoCAD offers a multi-level API, featuring LISP, VBS, JS, COM, .NET and C++. Unique MultiCAD API supports development for other CAD like AutoCAD and others.
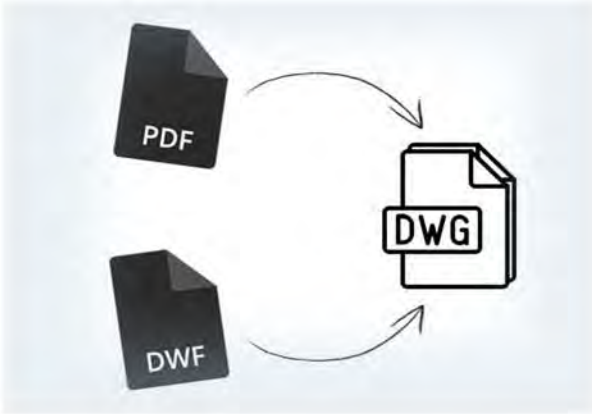
New in nanoCAD Features

nanoCAD has many improvements and new features.
Overview of a new nanoCAD functionality :
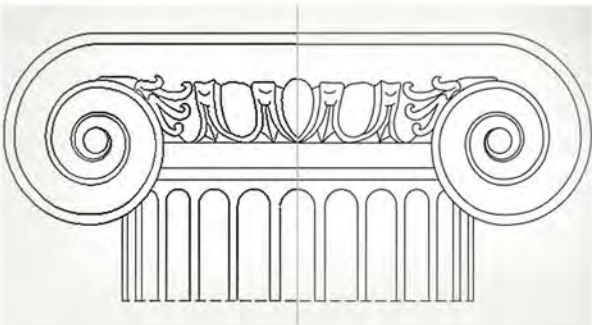
Point clouds

nanoCAD can import point clouds data from files of 5 formats: BIN (TerraSolid), LAS (ASPRS), PTX (Leica), PTS (Leica) and PCD (Point Cloud Library).

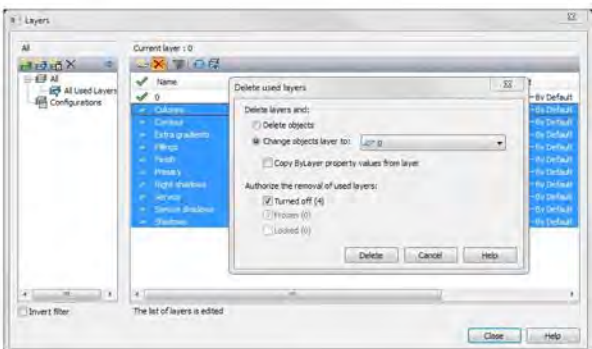It is possible to view point clouds and to create sections of them .

CSoft

PDF Underlay

In addition to raster and DWG-files you can use documents in PDF, DWF and DWFx: nanoCAD can create drawing underlays from this files formats. You can select page from the multipage document, set scale, insertion point etc.
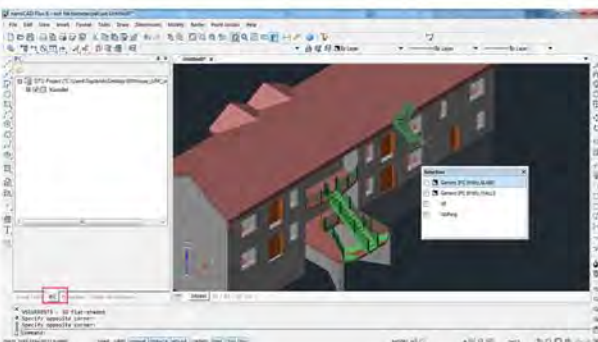

High quality graphics

nanoCAD graphic subsystem is under constant optimization: new version has unified DirectX and OpenGL settings. You can work with drawings and 3D models much more efficient.

But the most important is that new version has improved 2D-graphic processing, which allows anti-aliasing without sacrifice of viewing speed. As the result it is much more comfortable to work with documents now!

Layer Option

It was not possible to remove a layer if there were any objects. Now you can do it without any problems. The remaining objects can be transferred to another layer. Manage layers of your DWG-document with ease and create a perfect drawing.
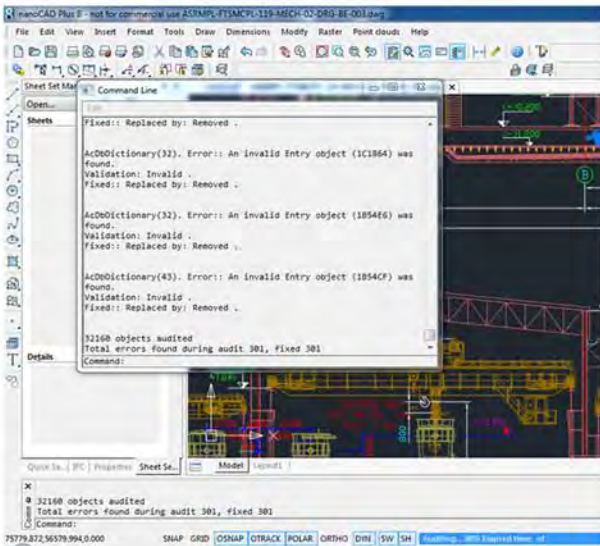

IFC Support

NanoCAD now has the ability to support IFC files from other platforms.

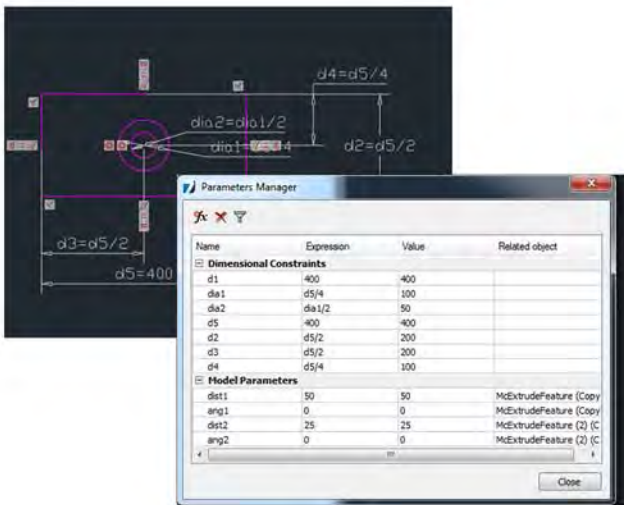Importing IFC
Importing and viewing IFC files.
View IFC-object attributes selected in the drawing

Restore corrupt data

nanoCAD has the capability to restore corrupt data(.dwg and dxf file).

nanoCAD is enriched with commands like File Recovery, Purge, Flattern, Audit and Audit Geometry.
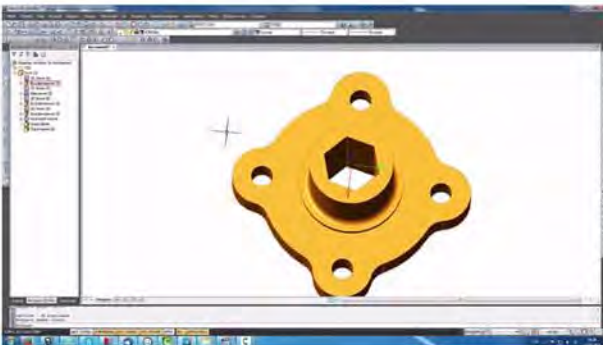

2D Constraints

User can set constraints and relations on objects in the drawing to control drawings objects via parameters

It is possible to set relations between objects in the drawings and constraints on their parameters: co-axis, fixed dimension, parallel, tangent, etc. Thus, a 'living' drawing can be created, which is possible to change according to the previously set rules.

Parameter Manager allows to link dimensions and constraints by means of mathematical equations. Changes in the numeric values will immediately affects the drawing and the drawing will be dynamically changed in

3D Solid Modeling

nanoCAD Pro provides you the Autodesk Inventor-style tool for 3D solid modelling. When you work in a 3D design environment there is a special 3d History window containing a Construction tree representing a history of model creation. Construction tree is a sequence of features (actions) that create the model. 3d History is a nanoCAD Inspector window with a specific set of tools.

To be acquainted with the improved features, get in touch with http://www.csoft.com/products/nanocad-pro