What's New in nanoCAD Plus 7.0

Points Cloud

Import points cloud to Model space from LAS, BIN, PTX, PCD files. Provides:

- Different display modes
- Sections
- Classifications
- Statistics
- Selected point info

Fields

New element based on text objects. Displays different data including data modified in the process of drawing.

File Explorer

New File Explorer toolbar (Tools – File Explorer) provides:

- Display drawings contents
- Insert objects between drawings
- Insert drawing elements: layers, layouts, text styles between objects
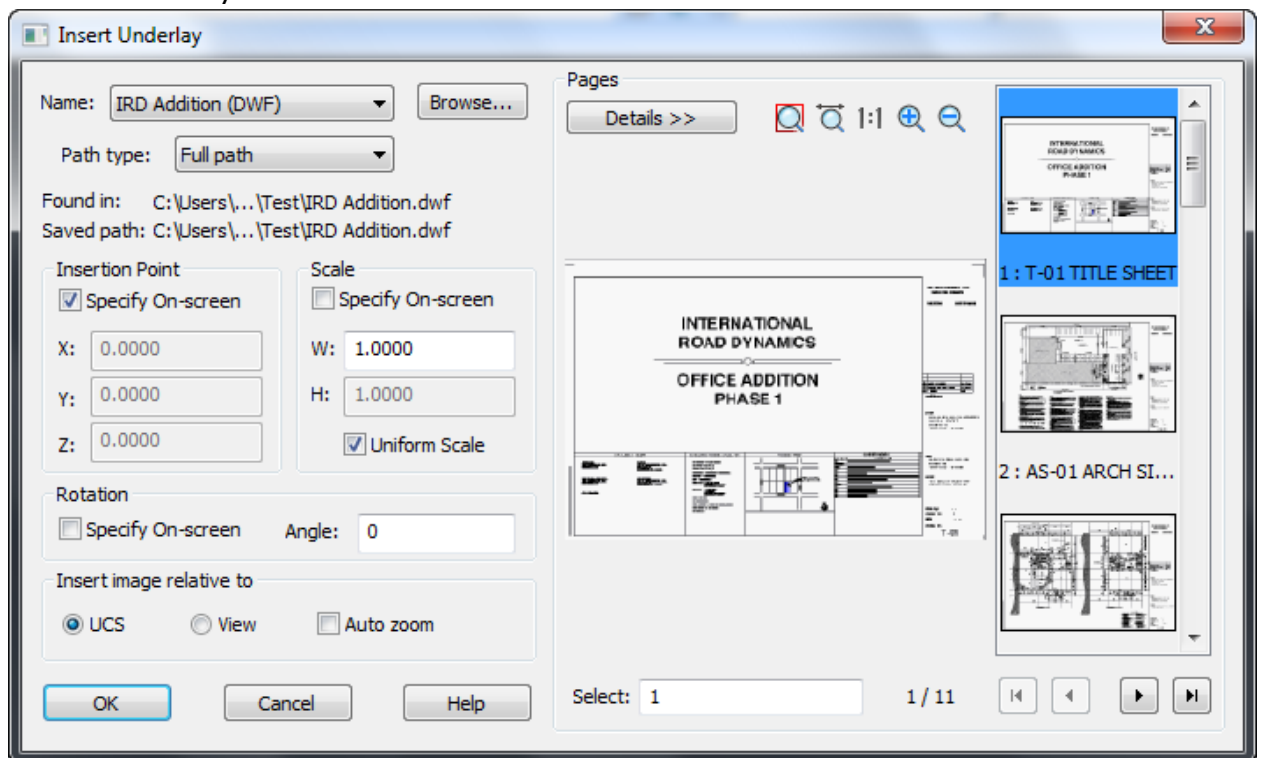- Open files in new window

Spellchecker

SPELL command calls toolbar … which check spell in the current space.

Users can add words to user dictionary placed in
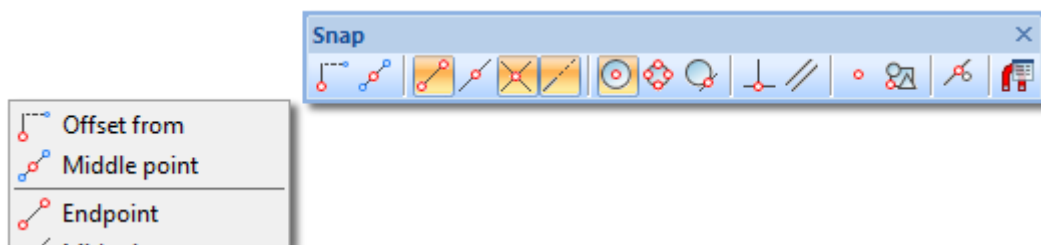C:\Users\User_Name\AppData\Roaming\Nanosoft\nanoCAD Plus Int 7.0\
en_US_user.dic

PDF and DWF as Underlay

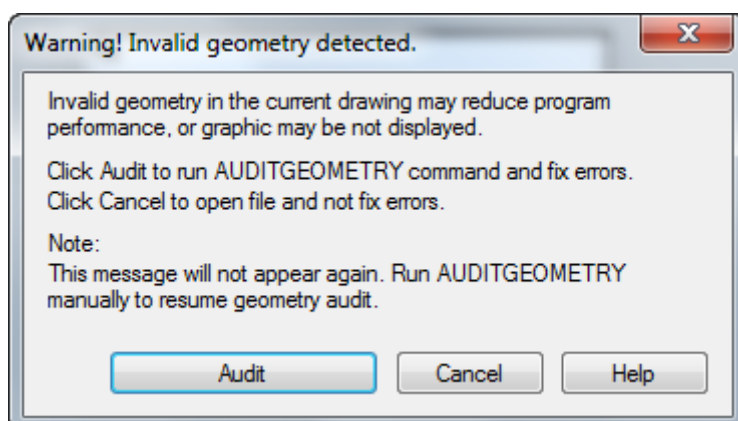Insert underlay in PDF and DWF formats

New object snaps

New object snaps **Offset from** and **Middle point** are available in Snap toolbar and in context menu:
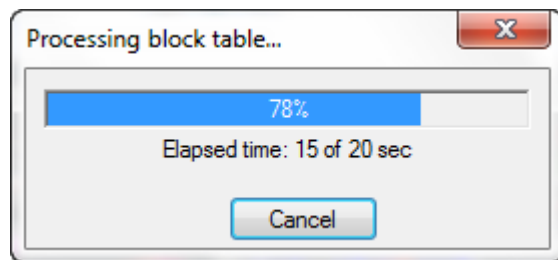

Auto Geometry Audit

Audit geometry runs automatically when invalid file opened.
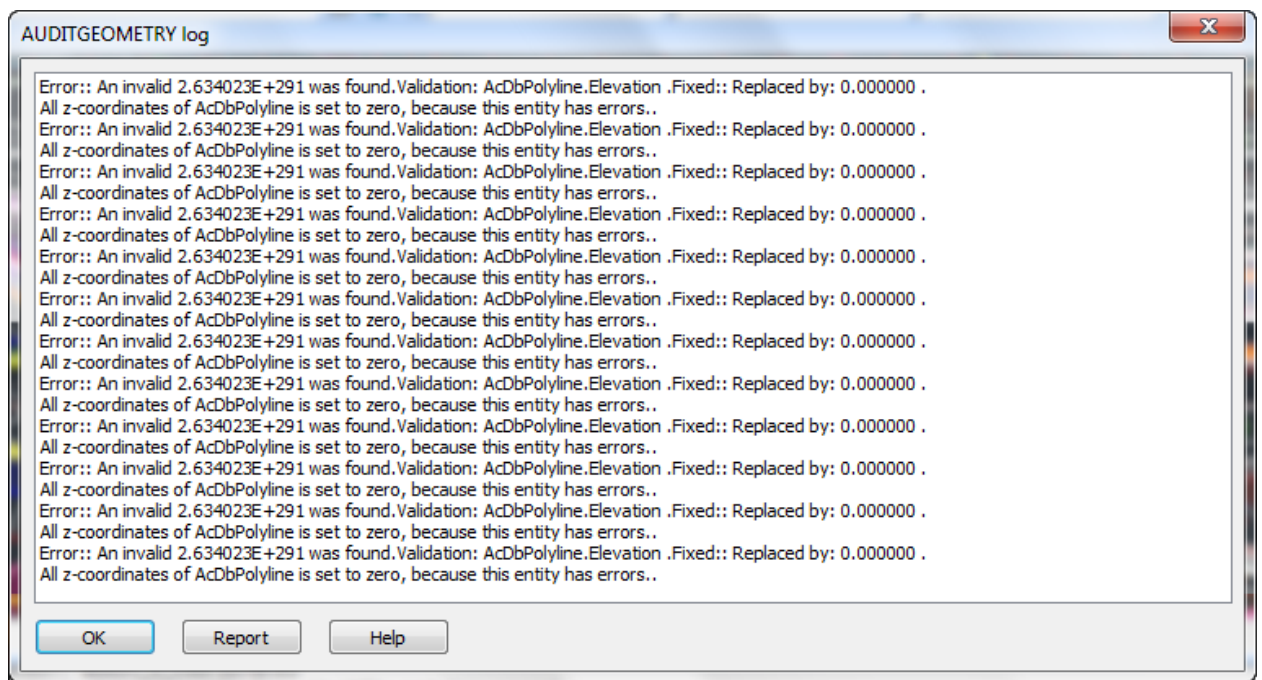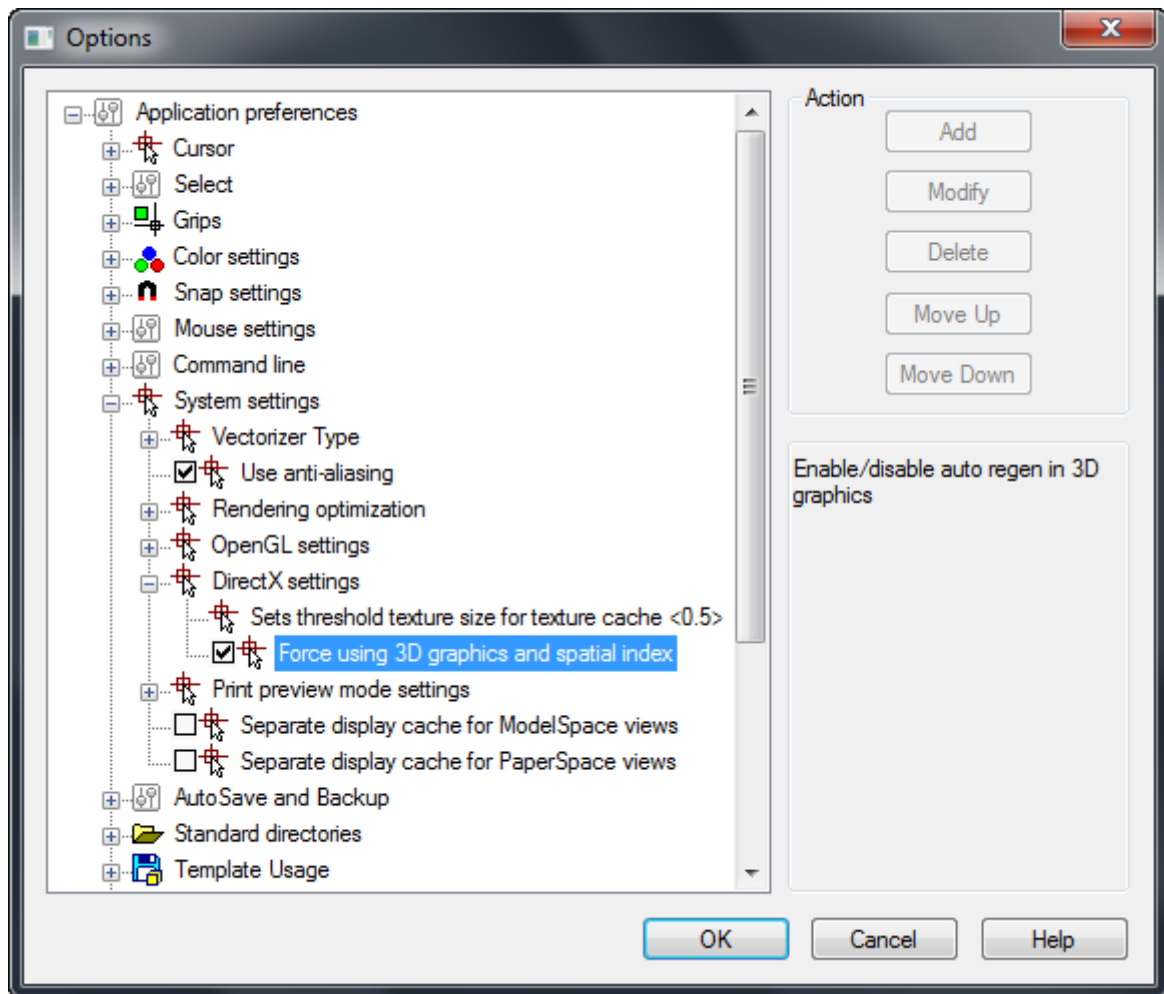
Modified Audit Geometry command

Progress bar shows audit process:

Save audit results in AUDITGEOMETRY log and log file:

3D and 2D modes for DirectX

2D mode (disable Force using 3D graphics) increases program performance on flat drawing with nonzero Z-coordinates.

Convert to 2D

New command FLATTEN (File – Drawing Utilities – Convert to 2D) projects selected objects on the plane. Note: command not convert meshes.
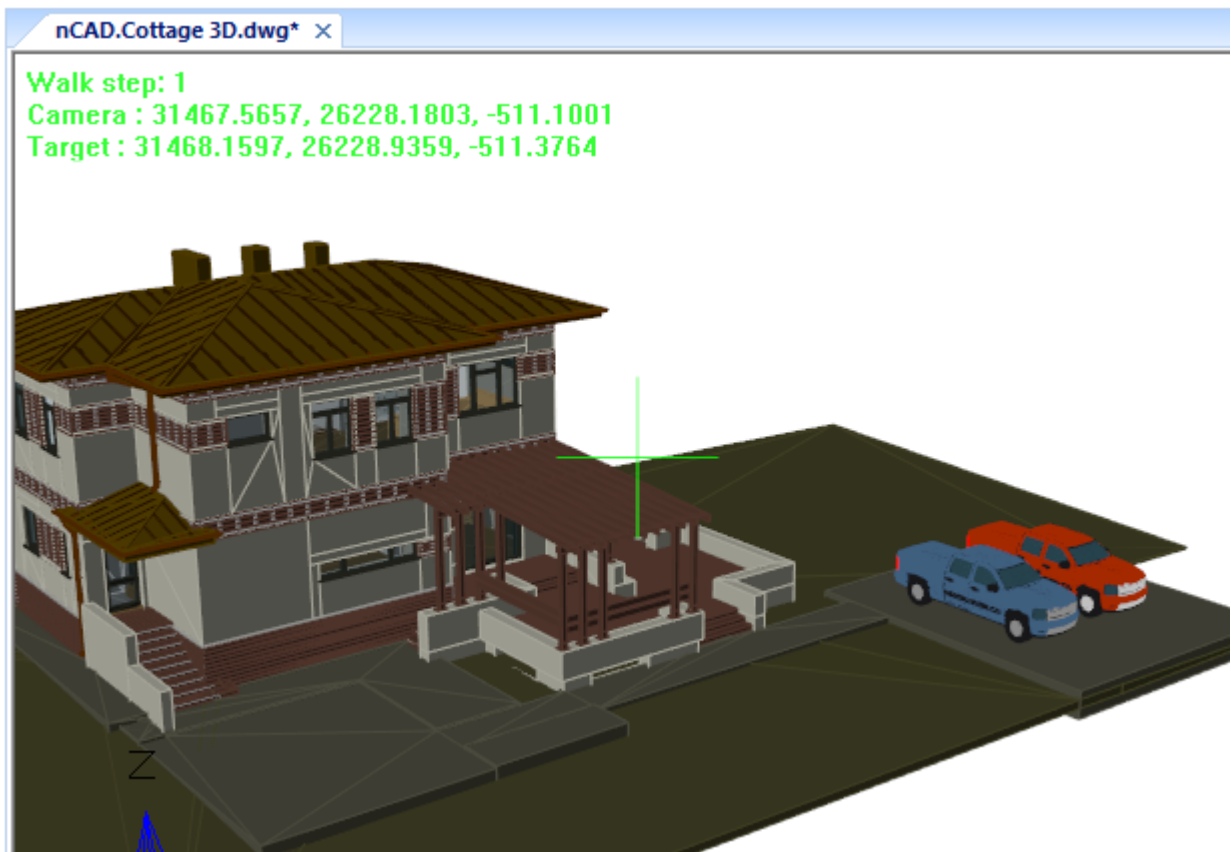
Helix

Command for helix is added.

Modified Scale command

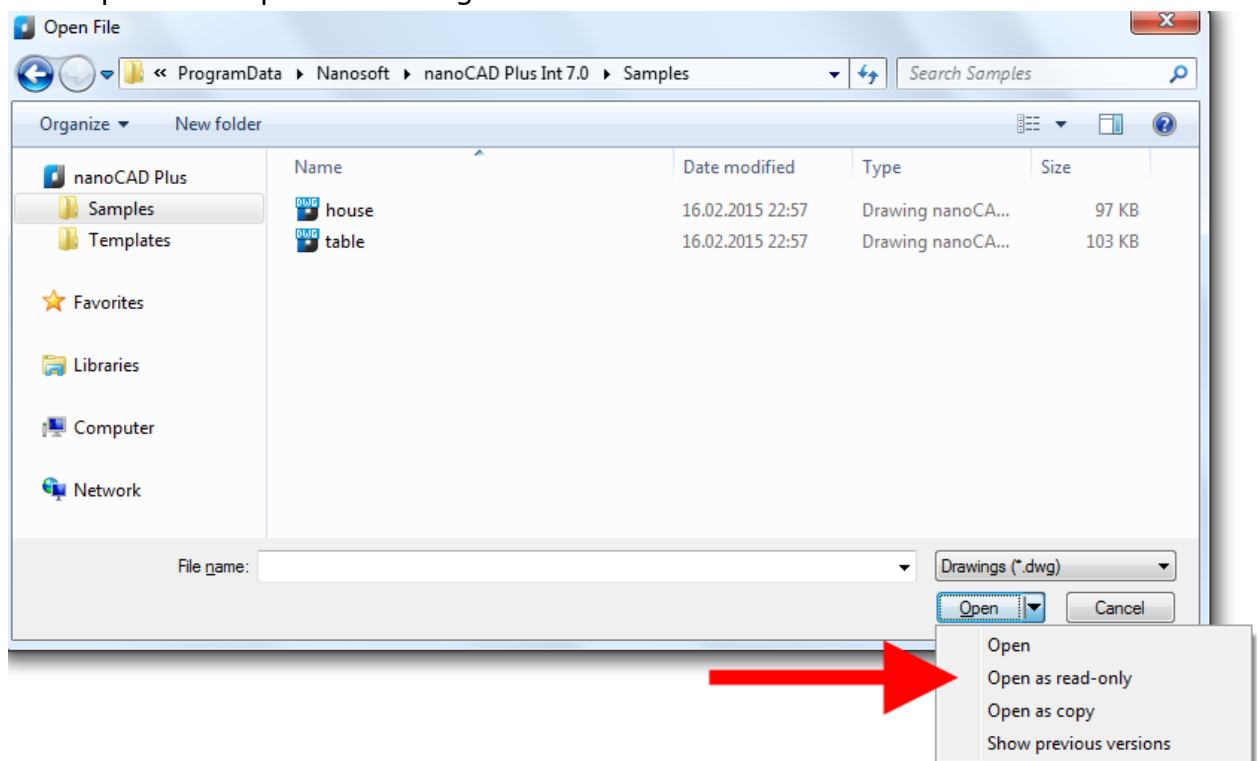Keywords for different scales for X and Y axes added.

3D Fly and 3D Walk commands

3D-Fly command navigates 3D model in the perspective projection. Change direction and height of moving and "Fly" under model space. 3D-Walk command navigates in the perspective projection and parallel to Z=0 plane. Change direction of walking. Change height for the next walking.

```
Walk step: 1
Camera : 31467.5657, 26228.1803, -511.1001
Target : 31468.1597, 26228.9359, -511.3764
```

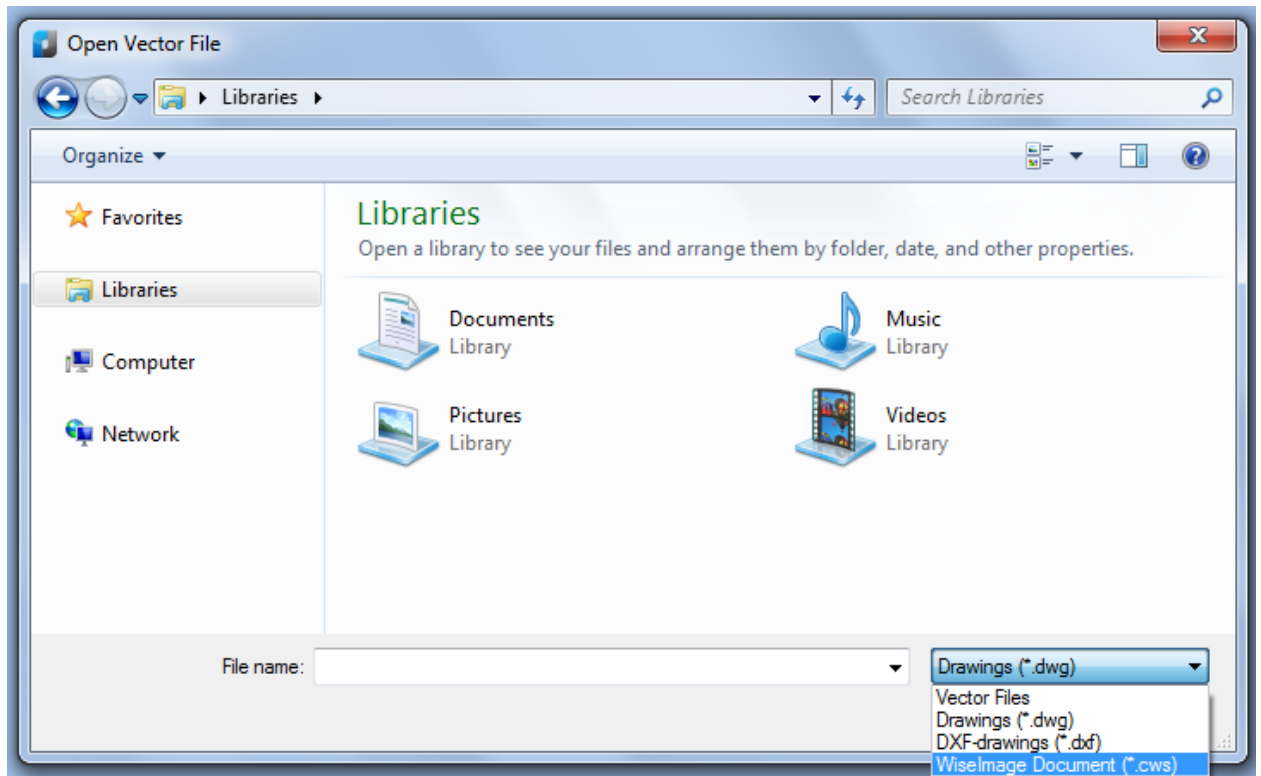## Read only and As Copy modes for File Open

New options in Open File dialog:

Multiple files open

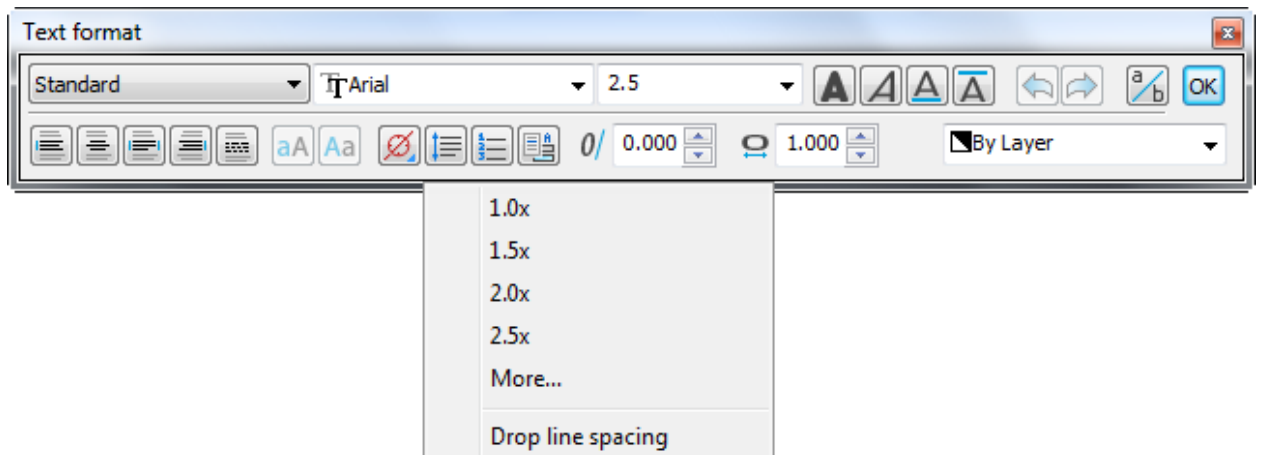Select several files in Open dialog and click Open.
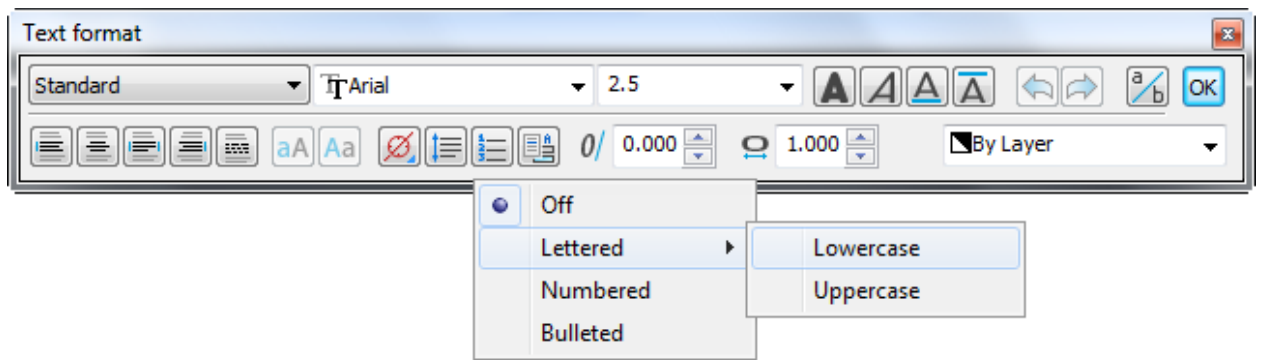
Import CWS files from WiseImage

Improved MTEXT command

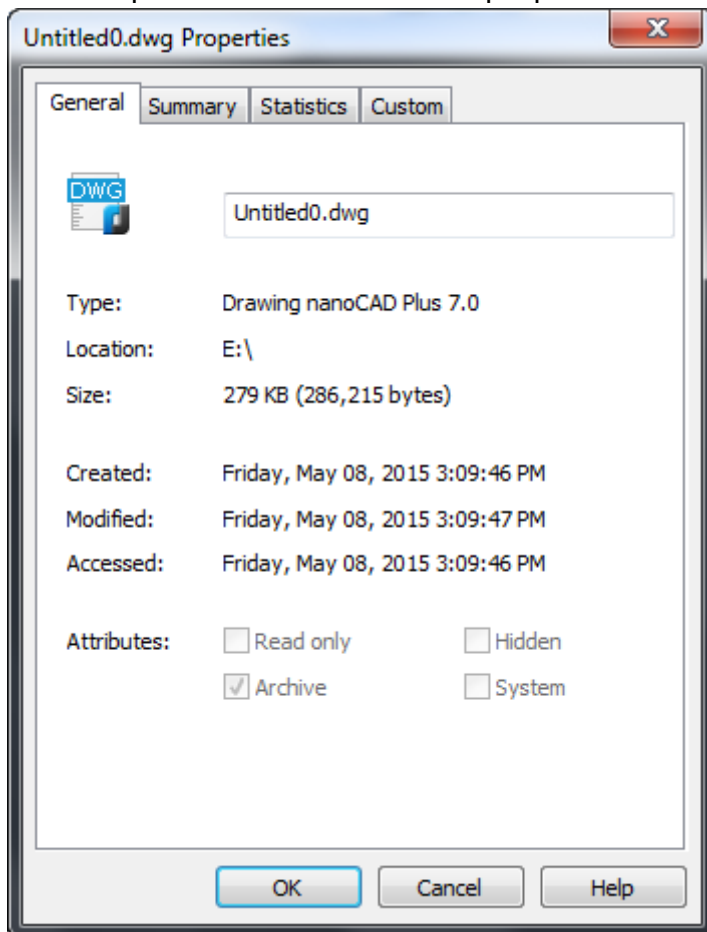New options in Text format dialog:

- line spacing:

- numbering:

- insert field.

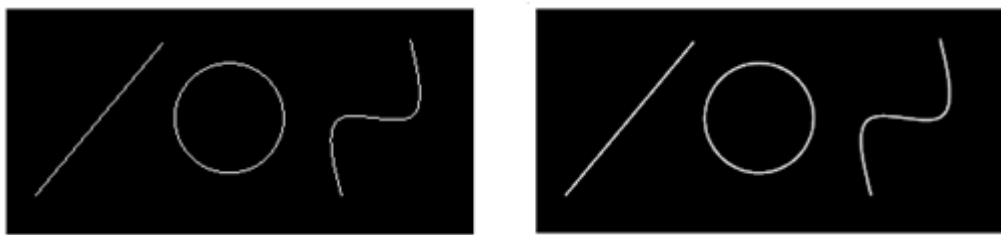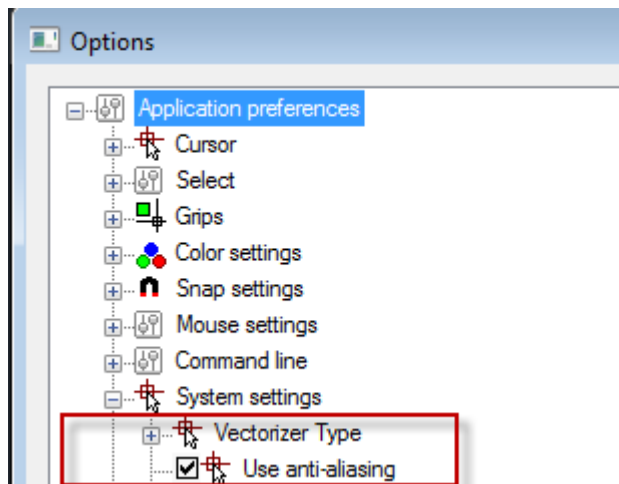## Breake All Vectors At Point command

Use VCBREAKALLATPOINTCMD command to break all selected objects at selected point.

DWG Properties command

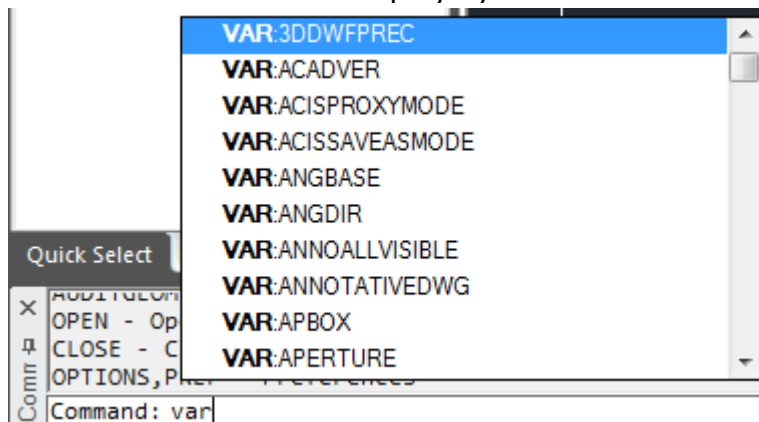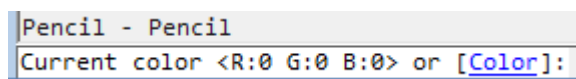DWGProps command shows file properties: name, size, date etc.:

Anti-aliasing

VAR command

New VAR command to display system variables.

Color Option for PENSIL and ERASER commands

Color option opens Select Color dialog.

Internal PDF printer for 64-bit version

Internal PDF printer is available in 64-bit version

PLOT command

Modified PLOT command contains many improvements including new plot style tables:

- ncad.ctb
- Grayscale.ctb
- Fill Patterns.ctb
- Color.stb
- DWF Virtual Pens.ctb
- MONO.stb
- ncad.stb
- Screening 25%.ctb
- Screening 50%.ctb
- Screening 75%.ctb
- Screening 100%.ctb

Georeferenced images support

Support for georeferenced TAF and World Files: