

Key features of nanoCAD Plus 10 are:

- ✓ A new ribbon-style interface
- ✓ Compatibility with most DWG-CAD systems
- ✓ Increased Performance
- ✓ Checking drawings for standard compliance
- ✓ new 2D-drawing and 3D-modeling functions
- ✓ Improved printing and much more.

Increased Performance

nanoCAD visual graphic system that is responsible for rendering 2D and 3D-graphics, has been updated to support the Microsoft DirectX 10 technology. This accelerates the processing time of drawings with large amount of text objects, hatches, blocks and other complex primitives, and reduces the size of memory used.

DWG 2018

nanoCAD Plus 10 works directly with the latest version of DWG format. nanoCAD opens and saves drawing files without breaking their internal structure. This ensures the integrity of the built-in DWG format labels which can carry such characteristics as educational plot stamp, for example.

User Interface

A new ribbon-style interface provides modern ways of interaction with application.

Instant switch between classic and ribbon interface makes work very comfortable.

The ribbon structure was initially designed taking into account the ergonomics of the designer, but it does not limit the user in the possibilities of customizing their workspaces. In addition, a powerful mechanism of managing the ribbon interface allows you to instantly switch between different pre-installed workspaces without restarting the program.

Interactive Tools in a Drawing Area

Semi-transparent interactive tools placed in a drawing working area designed to manage views and visual styles.

The “Locator” element intents for convenient navigation in a three-dimensional space: rapid dynamic change of orthogonal, isometric, combined and free views. Its orange-dot marker shows current view orientation.

The View Control element at the top left of drawing workspace changes named view and visual style of a viewport.

Checking Drawings for Standard Compliance

10 version of nanoCAD Plus can check drawings for standards compliance and fix found violations.

There are a number of notification mechanisms that alerts user about violations of standards while opening, saving, printing drawing file. It is possible to fix any violation or stay it intact.

Information on each standard violation that has been found, but not fixed, is stored in a drawing. It is possible to disable alerts on such ignored objects in subsequent checks of the drawing.

Violations audit can be performed manually and automatically, for example during drawing export, save and print operations.

Partial Auto-save

From now on, only the modified DWG data is sent to the file during background autosave, that significantly reduce the time of this operation even on rich documents.

Dynamic Blocks Extended Support

Dynamic block processing was improved: nanoCAD Plus 10 completely supports property tables, insertion point management, dynamic blocks parameters correct processing. This ensures that most objects of this type are functioning correctly.

New Drawing Objects and Commands

- In addition to its own leader objects, nanoCAD Plus can create and edit multileader objects, manage multileader styles.
- Native DWG-tables creating and editing without conversion to nanoCAD-table is available. Managing DWG-table styles and conversion nanoCAD-table to DWG-table and vice versa.
- 3D-polyline creation and editing.
- A new Region command creates an object of a "region" type from 2D objects that form closed area.
- The "Stretch" command use pre-selected vertices that makes working with the command more convenient.

Transparency of a Layer

The layers got the “Transparency” property. All objects with “By layer” transparency value will inherit the transparency from the layer that belongs to.

Third-party Formats Import

Now it is possible to import WMF and EMF formats, as well as DGN – 2D/3D-format used by the Bentley Systems MicroStation design program.

Multiple reworks

The next stage of program optimization was performed in this version of nanoCAD Plus. The common list of realized wishes, corrected errors and the taken into account notes exceeded seven hundred points. However, beginning with the 10th version, nanoCAD Plus stops supporting Windows XP due to the need to speed up graphics and overall increase the stability of the program.