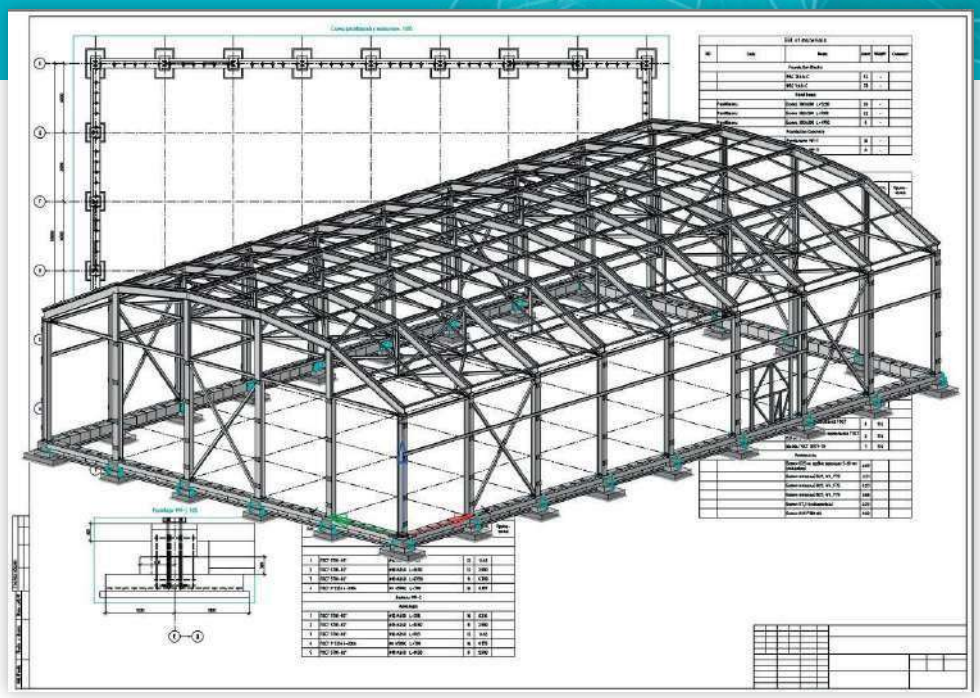
nanoCAD Plus- Smart Drafting, Smarter Designs

nanoCAD Plus Benefits



Native DWG Format

The nanoCAD platform supports all active versions of DWG, the world's most popular CAD format, all the way back to DWG R11 and right up to today's DWG 2018. This means that nanoCAD directly opens and saves files in this format without loss of data and can be integrated with external software that also supports the format. In addition, nanoCAD supports technologies developed around this format, including sheets, object styles, services like purge, audit, and recover, and dynamic blocks.

Powerful Documentation Tools

The prime function of nanoCAD is to assist teams in developing and issuing design documentation. This means that you will find in nanoCAD the full set of tools for drawing, modeling, editing, and publishing many kinds documents - drawings, tables, models, text, and so on. Differences in similar looking drawings are compared easily through color coding. As nanoCAD is not specific to any sector, it is equally effective in mechanical engineering, oil & gas, construction, land management, telecom, education, and home use.

Standard User Interface

nanoCAD features the CAD interface well-known to users that allows them to start working with the platform in a day or less. There are icon ribbons, regular and shortcut menus, and commands with options with which users are already familiar. This means that users quickly get into the swing of things, without the additional time and cost usually needed for training or a long-term introduction. At the same time, managers can easily find professionals already familiar with DWG editing programs. Users will appreciate the time-saving interfaces of real-time undo/redo, dynamic input, object tracking, and on-screen viewing controls.

Compatibility with Industry APIs

nanoCAD is not only a drawing tool, but an entire platform on which to create your own applications by extending its standard features. This means that you can integrate calculations, automate design activities, integrate drawings with external databases, and other third-party solutions. nanoCAD's API interface is very close to traditional CAD systems and so supports languages such as C, C++, C#, COM, Active X, LISP, Visual Basic, and JavaScript, and command scripting.

Features Unique in nanoCAD

Raster and PDF Editing – The nanoCAD platform treats imported raster images and PDF files as full-fledged entities. While drawing, users can snap to the end points, intersections, and centers of raster primitives (lines, arcs, circles), and converts vector PDF files into vector objects. This means that users can instantly add old drawings, images, and documents to the workflow. Tools like erase remove portions of raster images, and use 4-point correction to de-skew images that weren't scanned properly.

Table Processing – nanoCAD imports and formats spreadsheet data and tables from other DWG editors, but it also features a sophisticated Excel-style table editor not found anywhere else. This means that users no longer just generate tables manually but also build automatically updated tables that report on data in drawing, making it the ideal tool for creating bills of material(BOMs). Such tables can contain formulas, data from external sources, and data exported to common formats, like XLS, TXT, and CSV.