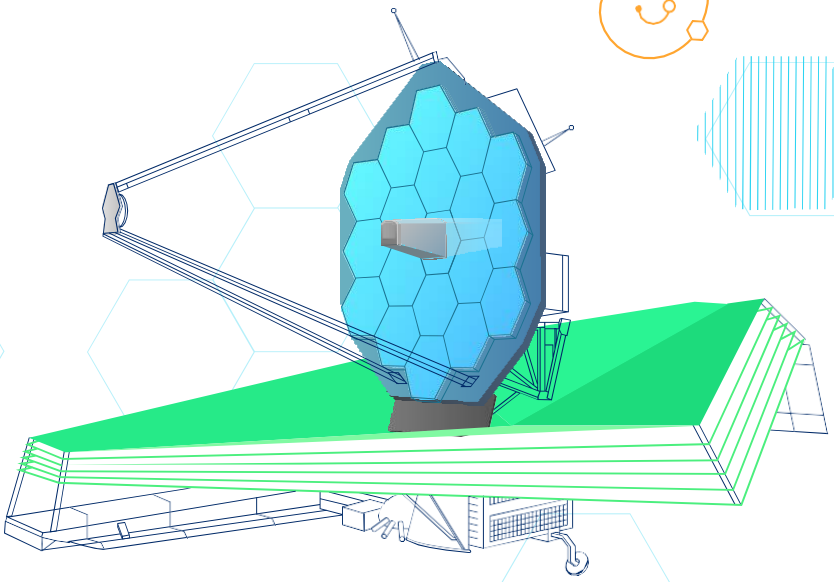
nanoCAD25 Platform



EngineeringEcosystem

nanoCAD is a professional-grade CAD platform fully compatible with the industry's DWG standard. It offers a familiar user interfacewithawidesetoftoolsfor2D/3D drafting thatcanbeextendedwith modules specific to theprofessionalneedsinengineering, architecture, and construction.

5special modules included

3DSolidModeling module

The module extends the nanoCAD platform with direct editing and parametric modeling. Themoduleoffers 3Dconstraintsformatingpartsinto3D assembliesandprovidestoolsforsheet metalmodeling.

Mechanicamodule

The module extends the nanoCAD platform with 2D and 3D mechanical design. Itsparametricengineworkswithabuilt-inlibraryof standardpartsandcalculators to generate drawings quickly.

Construction module

The module extends the nanoCAD platformwithdraftingutilitiesforparamet- ric designs in architecture, engineering, and construction. Its IFC support and parametric libraries of standard parts help automate construction drawings anddocumentation.

Rastermodule

ThemoduleextendsthenanoCADplatform withtools designedspecificallyfor handling raster images, including very large ones. Thesetoolsimport,correct, skew, convert, colorize, ectorize, and smart select raster images.

Topoplanmodule

ThemoduleextendsthenanoCADplat- form with digital terrain modeling. It lets surveyors create and modify TINs, texturethemwithrasteroverlays,generate reliefs, calculate volumes and areas.

And...

SmartDraftingandDesign

NativeDWG editor

NativeDWGFormatallows users to collaborate with their colleagues who use alternative CAD software with no data loss.

FamiliarUser Interface

The User Interface and command structure allow users to speed up their productivityinnotimeand make their designs quick andeasy.

OpenAPIfor Developers

Compatibility with Industry APIs allows users to developCADapplications, integratealculations, automatedesignactivities, and integrate drawings with external databases.

IFCSupport

IFCSupportallowsusers to import IFC data into DWGenvironmentsand combinethetwo.To get information about IFC objects, it is enough to select and view them.

PointCloudProcessing

PointCloudProcessingallowstoopen and view extremely large 3D point cloud filescaptured bylaserscanners inLAS,BIN,PTS,PTX,PCD,andXVZ formats.

SpecialTools

PowerfulParametricDocumentation Tools let teams develop drawings andautomatedesigndocumentation, tables, models, and text.

3DNavigation

3D Navigation provides users with ways to navigate through 3D drawings,BIMmodels,andPointClouds conveniently in a single document.

LicensingandPricing

FlexibleLicensing

FlexibleLicensingallowsbusinessesandindividualstochoosea**1-year subscription**foranimmediatestartataminimalcostora **3-year subscription** to get a perpetual license, full support, and upgrades for 3 years to manage the long-term projects planning. Licensingcanbebasedon**workstations** or**network** toinvolvetheentireteam intodesignprocess.