# What is GstarCAD

GstarCAD is well-known alternative CAD software of high compatibility with ACAD. With nearly 30 years of continuous improvement and lean innovation, today GstarCAD is far ahead in performance, stability and other key indicators and becomes leading CAD software in the world.
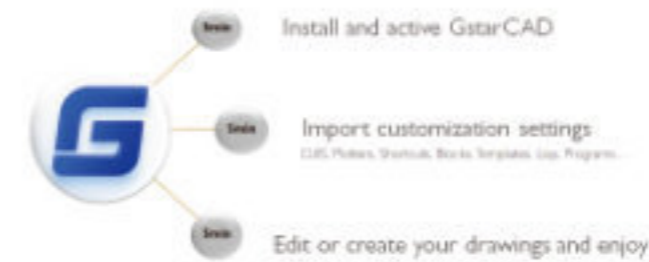
# GstarCAD 2021

## The most valuable alternative CAD

GstarCAD 2021 optimizes the functionalities with adding a series of new commands. New features greatly improve the efficiency to obtain dimensional data, transfer user settings, and view point cloud data. With the significant improvements lighten workload tasks and design process, GstarCAD 2021 becomes the most valuable alternative CAD.

## 01 GstarCAD 2021
Profile

## 02 GstarCAD 2021
Advantages

### Perfect Compatiblity

GstarCAD constantly improves its compatibility in all aspects and accomplishes the high compatibility with ACAD. The seamless data format, familiar interface, command structure and user operating habit, ease of use customization settings and applications/add-ons are all ready for you in GstarCAD 2021



Install and active GstarCAD

Import customization settings
CUIS, Plotters, Shortcuts, Blocks, Templates, Lisp, Programs...

Edit or create your drawings and enjoy

### Flexible Licensing

GstarCAD licensing policy is flexible and simple. We provide both perpetual license and subscription. You are free to choose the license mode and you decide when to upgrade.

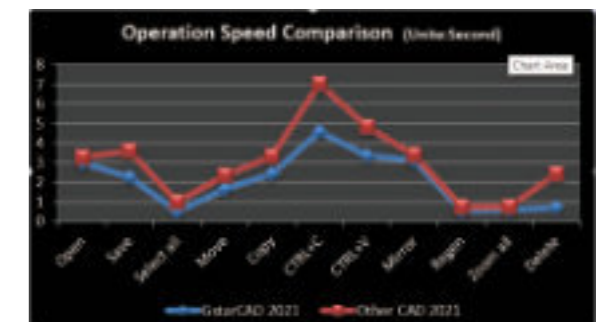| | Stand-alone | Stand-alone | Network | Network |
|---|---|---|---|---|
| | License-key Serial number | USB-key Dongle | License-key Serial number | USB-key Dongle |
| Perpetual license | √ | √ | √ | √ |
| Rental license | √ | × | √ | × |
| License borrowing | × | × | √ | × |
| Connection to license server | × | × | √ | √ |

### Innovative Tools

GstarCAD offers over 100 unique and innovation tools like "Collaboration", "Area Table", "Auto Layer", "Viewport to Layout", "AutoxIstable". They are adopted to significantly speed up your drafting speed.
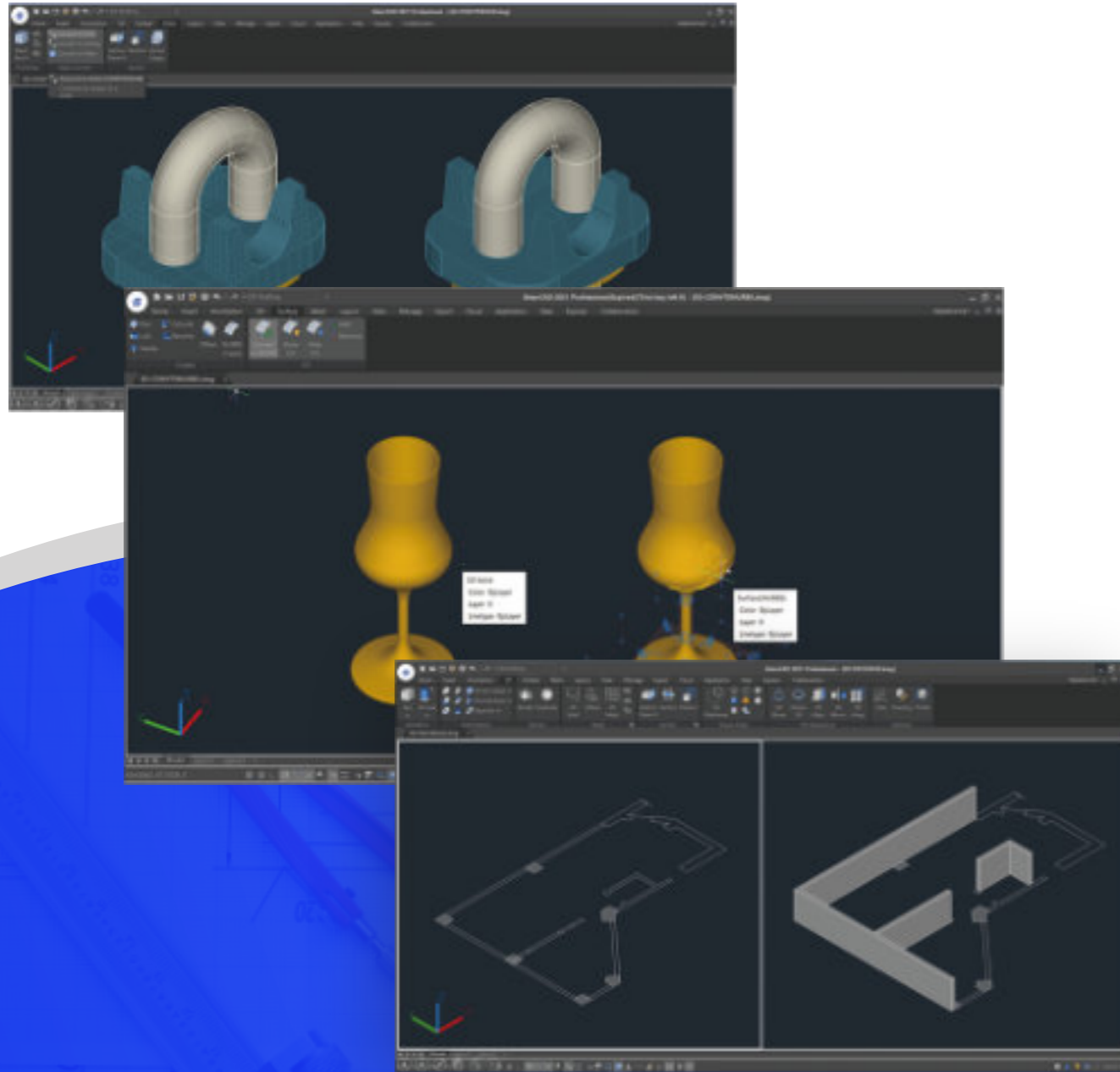


### Excellent Performance

Higher performance plays an important role in GstarCAD. The performance of common-use operations like "OPEN", "QSAVE", "PLOT", "CLIP", "TRIM", "PASTE", "MOVE", "DYNAMIC SELECTION", and more commands are significantly faster than other CAD software.



Operation Speed Comparison (Unite:Second)

## New 3D Features

With a series of new 3D features, such as POLYSOLID, CONVTOMESH, CONVTOSOLID, CONVTOSURFACE, CONVTONURBS, PLANESURF, SURFOFFSET, GstarCAD 2021 enables users to design and modify 3D models much more convenient.
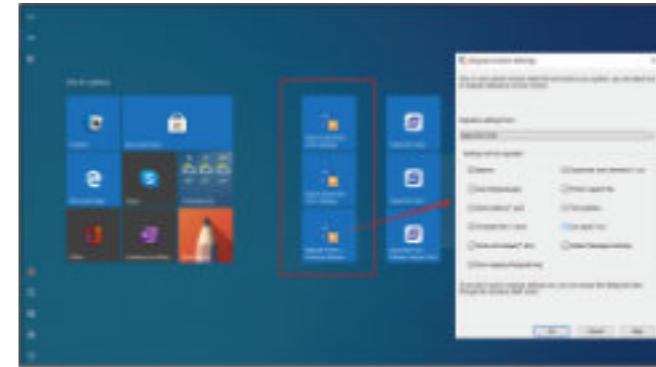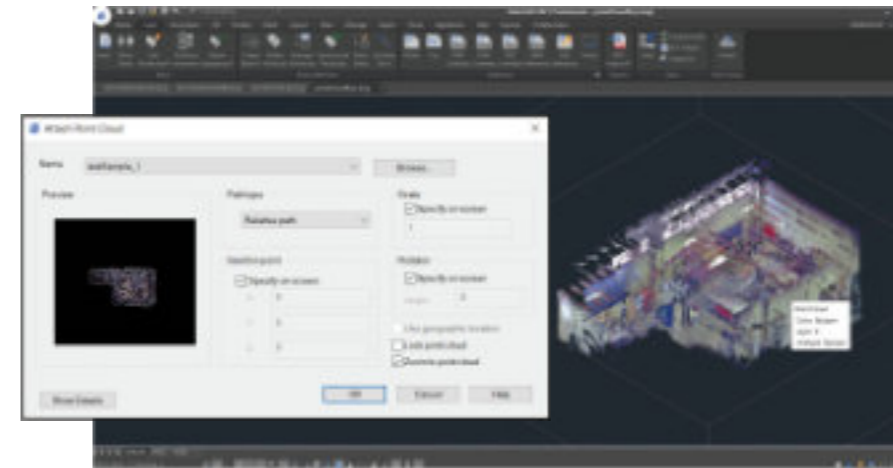
## Import, Export and Migrate User Custom settings

Supports import/export/migrate user custom settings from previous releases and import customized tool palettes from AutoCAD.
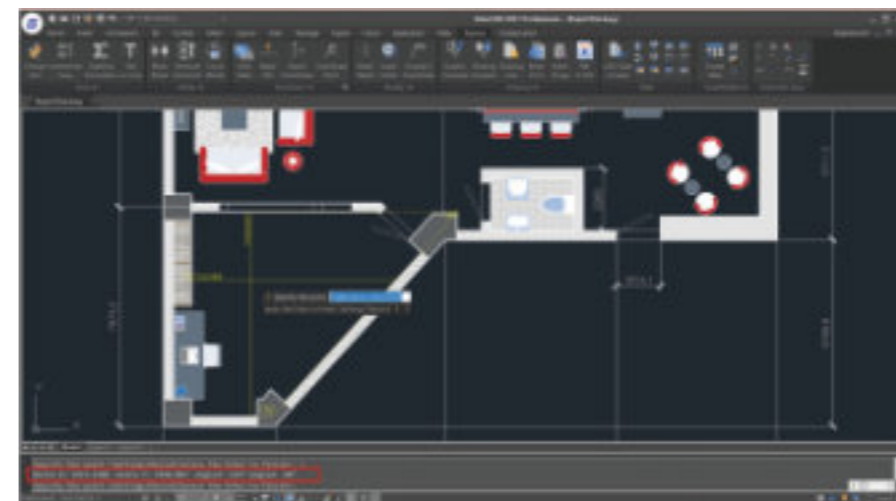


## Point Cloud

Supports two point cloud file extensions (.rcp and .rcs) as attachment in a drawing. Users can apply object color and RGB scan colors to display point cloud data.



## Rapid Dist

Supports a new RAPID DIST command, which measures distance and angle between 2D objects along X, Y axis rapidly by moving your mouse.
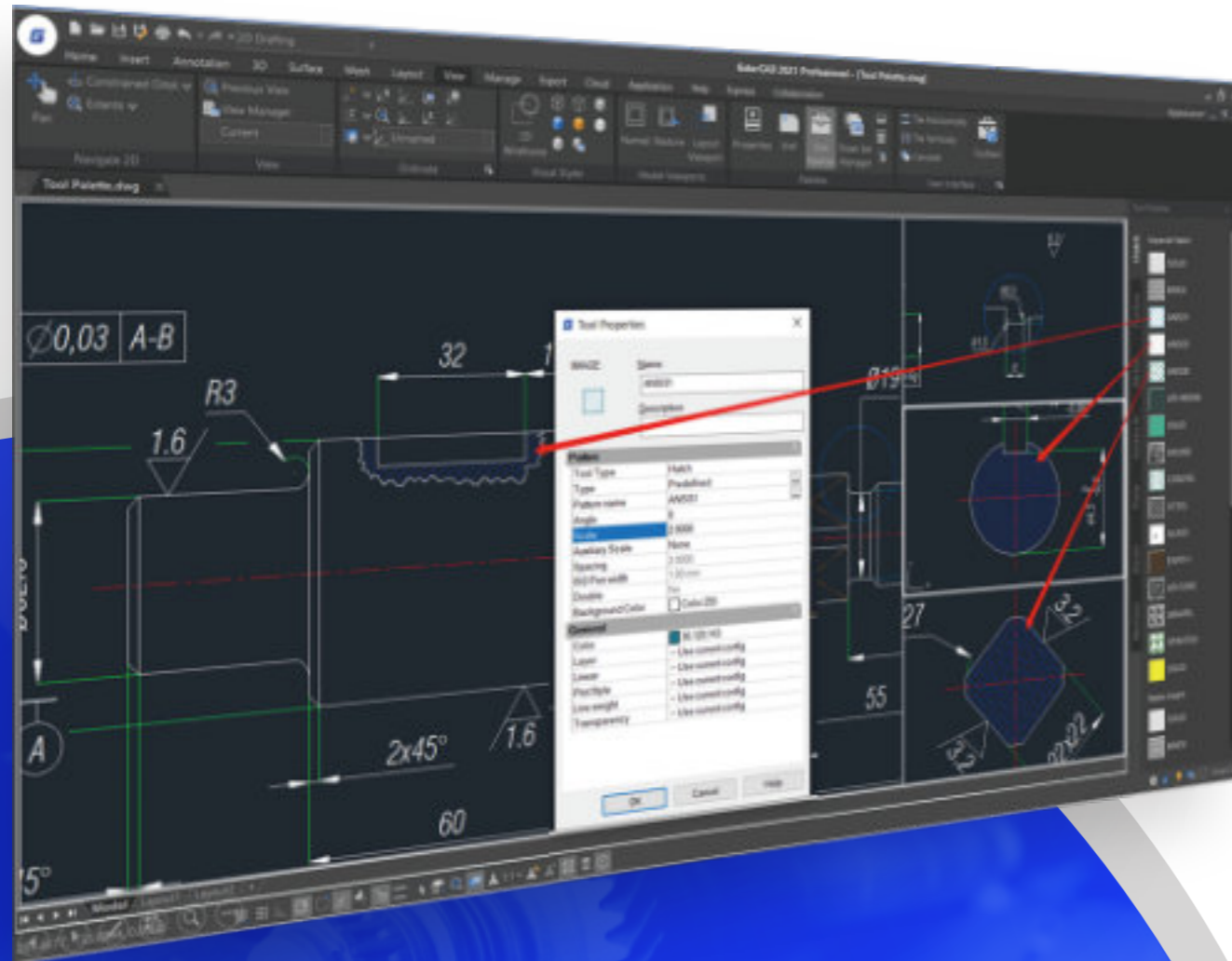
## Tool Palettes Improvement

Supports hatching objects with hatch patterns from Tool Palettes in any scale by clicking and move the mouse on objects. Users can easily modify the properties of the hatch patterns as well.
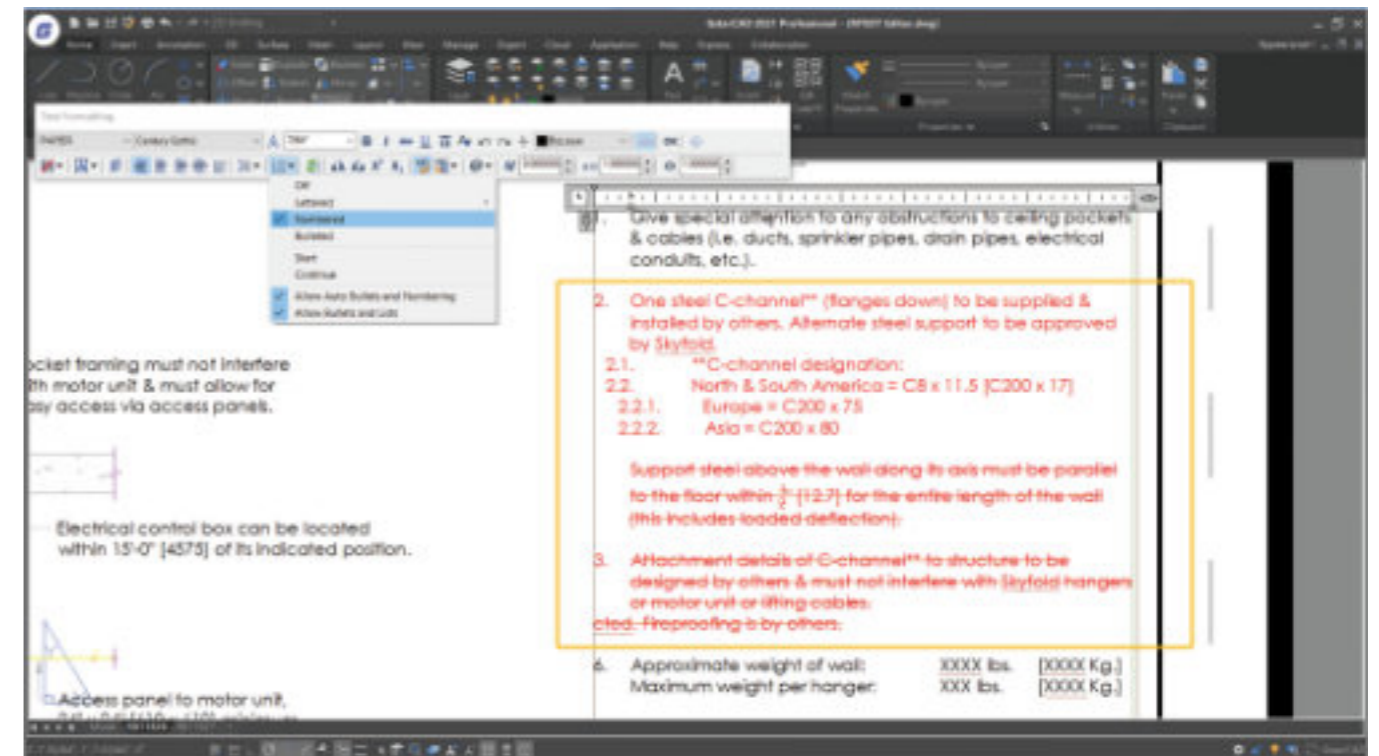
## Mtext Editor Improvement

New enhancement of MText editor supports Numbering, Superscript, Subscript, Combining Paragraphs, Matching Text format and Adding Deletelines to selected text

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