



LusoCAD 2027

LusoCAD is a world-leading 2D CAD platform with independent core technology. After nearly 30 years of R&D, its performance in speed and stability has reached industry-leading benchmarks.

LusoCAD 2027 focuses on user experience, significantly optimizing performance for routine operations like "Move, Mirror, Rotate, and Copy" in complex 3D drawings. New features include parametric constraints for dynamic blocks and automatic input method switching to reduce repetitive tasks. Enhanced command-line tools, batch plotting, and hatching are tailored to business scenarios, empowering designers to focus on creativity and engineering excellence.

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Advantages

Better Performance

Powered by advanced technology and optimized algorithms, LusoCAD outperforms other CAD software in speed and efficiency. With continuous enhancements, LusoCAD 2027 takes performance to an even higher level.



Innovative Tools

Other than a comprehensive set of commands that you need, LusoCAD also offers over 100 unique and innovative tools that are designed to significantly speed up your drafting speed.



Seamless Compatibility

We offer full compatibility with mainstream CAD file formats and user habits. Users can switch platforms with zero learning curve, ensuring seamless migration and reuse of drawing data to help enterprises reduce costs and increase efficiency.



Flexible Licensing

LusoCAD 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.

	Standalone	Standalone	Network	Network
	License-key	USB-key	License-key	USB-key
	Serial number	Dongle	Serial number	Dongle
Perpetual license	✓	✓	✓	✓
Rental license	✓	✗	✓	✗
License borrowing	✗	✗	✓	✗
Connection to license server	✗	✗	✓	✓

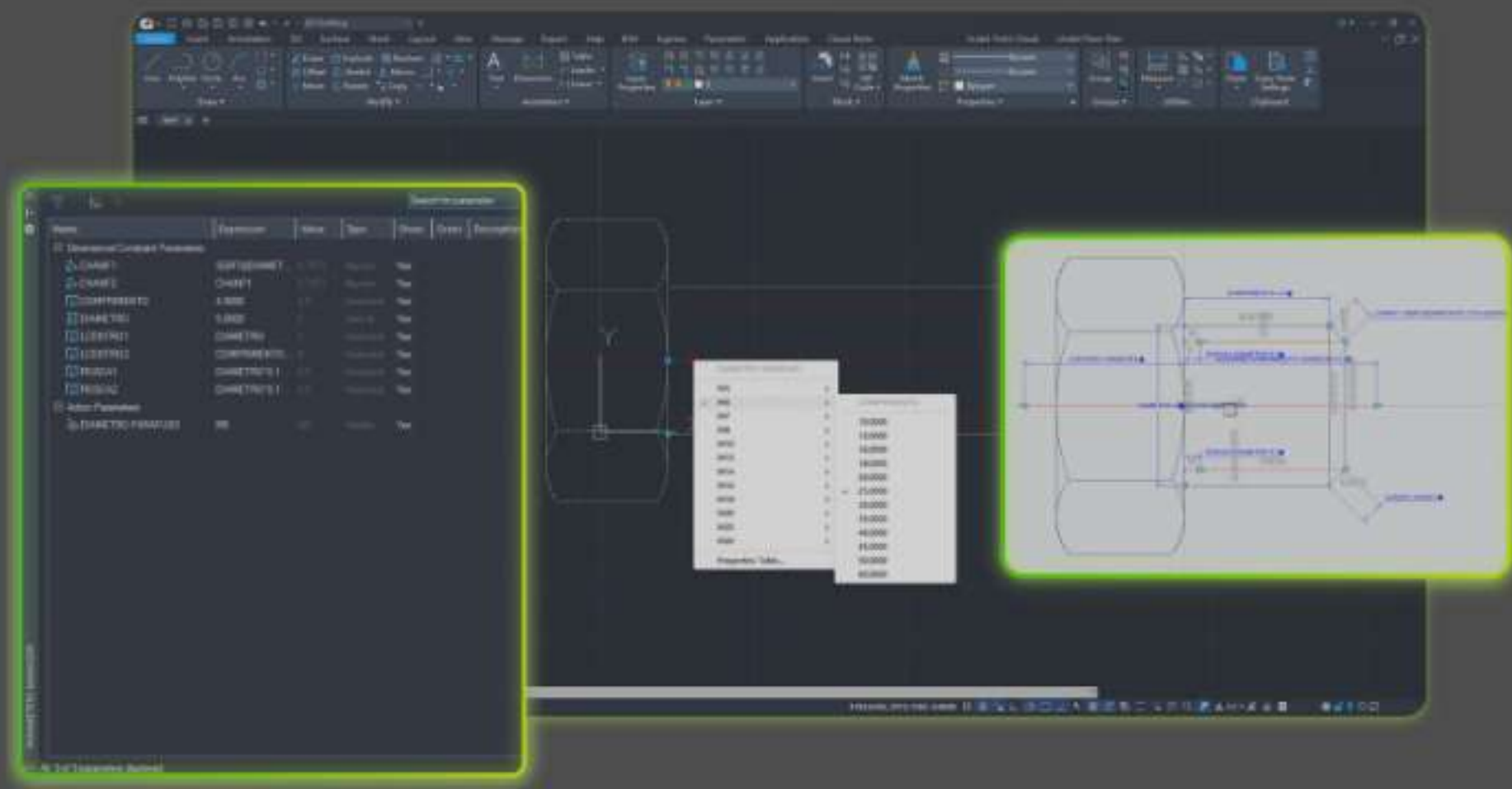
What's new in LusoCAD 2027

Performance

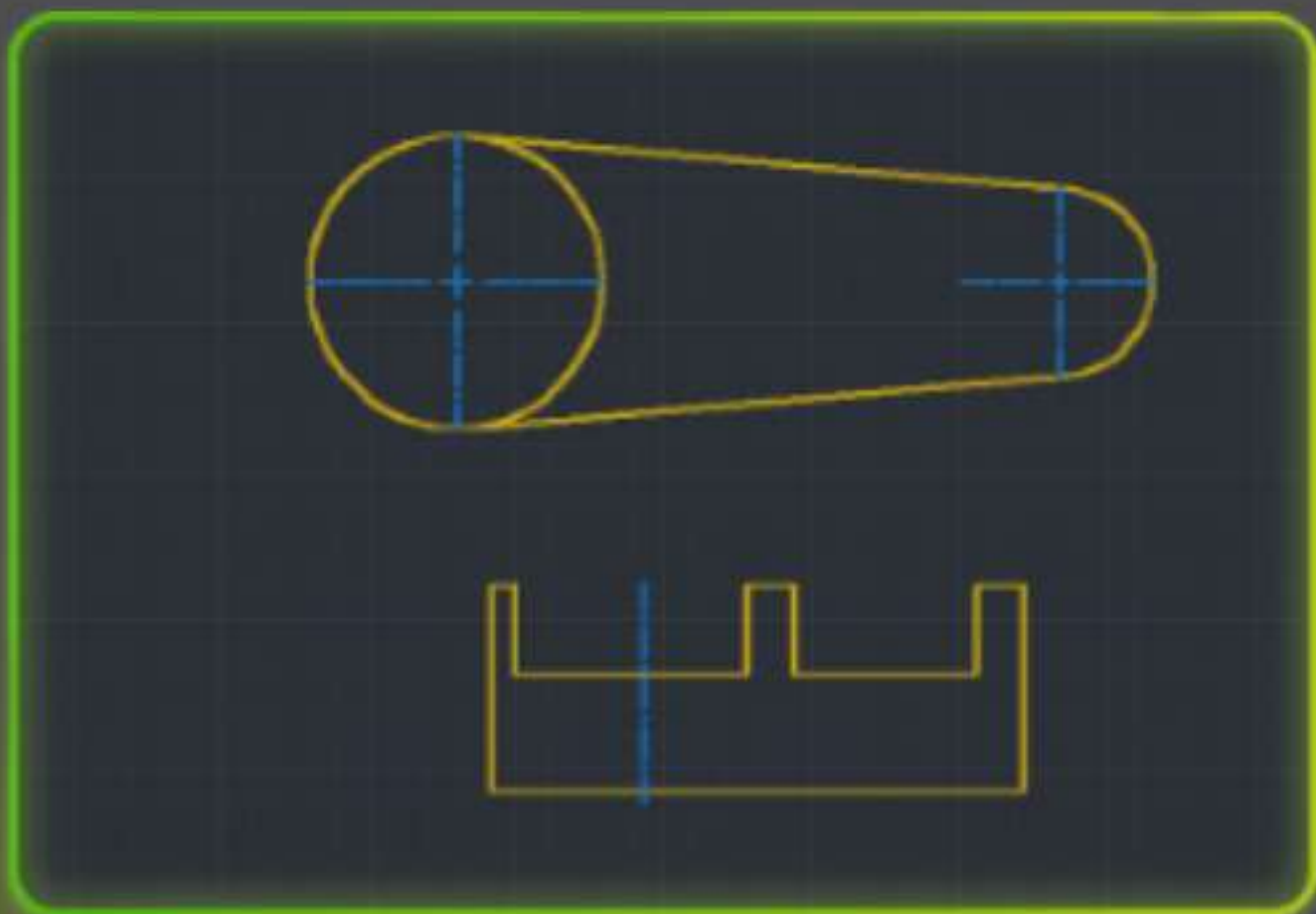
LusoCAD 2027 adopts a brand-new memory pool, optimizing memory management and allocation mechanisms. Overall software performance has reached a new level; routine operations on complex drawings, such as Regen, Zoom/Pan, Select, Move, Mirror, Rotate, Copy, Undo, Redo, Explode, and Delete, have seen performance gains of over 10%. Notably, the speed for closing drawings has improved by more than 8 times, ensuring high-efficiency operations.

New Features

Parametric Constraints for Dynamic Blocks: The new parametric constraint feature for dynamic blocks enables precise linkage between graphic dimensions and positions. This significantly enhances design efficiency and accuracy, supporting enterprises in standardized drafting and rapid design iterations.



Centerlines and Center Marks: LusoCAD 2027 adds Centerline and Center Mark functions. Automatically generate centerlines by selecting two segments, or place center marks at the center of circles and arcs. These tools precisely define geometric characteristics, a vital element of professional engineering language.



Innovative

Performance Boost: Overall software performance has reached a new level. Notably, the speed for closing drawings has improved by more than 8 times.

Batch Plotting: When plotting multiple documents, users can now set the plotting order and choose between "Plot by Page" or "Plot by Set,".

DWG Copy and Paste: the cross-application copy-and-paste functionality now allows for customizing the object format, paste range, and colors of the copied content.

Support for Multi-Top-Level Windows: Users can drag a drawing tab out of the main application window to create a floating window. This allows multiple drawing files to be displayed simultaneously without switching tabs.

Command Line Refactoring: Users can freely drag the edges of the command line window to adjust its width and height. It now supports selecting command options via mouse clicks or hotkeys.

Hatch Optimization: The Hatch function has been optimized with the addition of the "Use Current Drawing" option.

Full-Screen Exit Prompt: LusoCAD 2027 adds a prompt for exiting full-screen mode.

Plot Preview Enhancements: The original toolbar has been upgraded to a modular integrated functional panel that can be freely dragged, docked, or floated, aligning with the platform's interaction standards.

Display Optimization: Enhanced GPU acceleration boosts performance across key drafting tasks, with average performance gains of 30% to 80% and over 90% in some complex operations, delivering a smoother and more responsive drafting experience.