

Performance Improvement — GstarCAD 2027

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Performance Improvement

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Image Library Performance Optimization

The image library has undergone a comprehensive upgrade, with significant optimizations to the loading performance of ultra-large drawings. ECW and TIF format images ranging from 1G to 30G can now be inserted and displayed smoothly. Additionally, support has been added for loading dan position files and TIF embedded location information, enabling the display of embedded raster images.

Display Performance Optimization

Display performance has been significantly enhanced, with file opening speed nearly doubled. Core editing commands such as move, copy, and pan now respond more quickly, while the REGEN (regeneration) execution efficiency has increased to 7.6 times that of the previous version, drastically reducing graphic refresh wait times.

General Operation Performance Optimization

Through optimizations in memory management and allocation mechanisms, the software's overall performance has been significantly improved. Key enhancements include:

- Complex drawing operations such as regeneration, zoom/pan, selection, move, mirror, rotate, copy, undo, redo, explode, and delete now run over 10% faster.
- File closing performance has improved by more than 8 times, ensuring a smoother and more efficient workflow.

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