

WHAT'S NEW IN SOLIDWORKS® AI – R2026X FD01, FD02, FD03



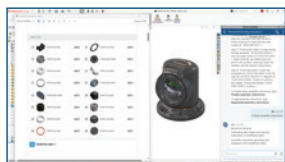
1

Assembly Performance Optimization

- Ask LEO to pinpoint performance bottlenecks in your assembly, based on structure, component complexity, rebuild behavior, and graphics load.
- Ask LEO to take action to improve performance by creating SpeedPaks or suppressing threads.

Benefits

Find and fix your biggest assembly slowdowns first, without manual trial and error.



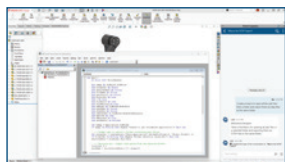
2

Automated Assembly Instructions

- Ask LEO to generate step-by-step assembly instructions, complete with visual snapshots, directly from your assembly.
- Review, edit, and regenerate the steps before exporting a printable or shareable PDF.

Benefits

Produce consistent assembly instructions in minutes instead of hours of manual work.



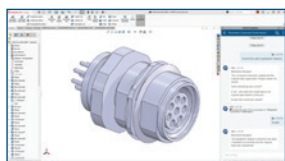
3

Natural Language Macro Generation

- Describe the automation you want, and let LEO generate working macro logic instantly.
- Refine the macro conversationally with LEO in the editor until it does exactly what you need.

Benefits

Automate repetitive tasks without writing a single line of code.



4

BREP-to-Parametric Conversion

- Ask LEO to convert imported STEP or IGES geometry into a native, editable SOLIDWORKS geometry.
- Leverage existing CAD data to create editable models instead of starting from scratch.

Benefits

Turn imported geometry into a fully editable design, not a dead end.



5

Change Impact Analysis

- Ask LEO to flag which components and subassemblies a change affects before you make the change.
- Get a message from LEO if a geometry change in any part causes fit issues.

Benefits

Catch costly dependency issues before you commit to a change.



6 Automated Drawing Generation

- Describe your intent, and let LEO generate views, dimensions, annotations, and sheet layout automatically.
- Skip the manual dialog-box navigation typically required to set up a drawing.

Benefits

Cut manual setup time when creating drawings.



7 Automated Material Appearances

- Ask LEO to apply or update material appearances across your assembly with a simple prompt.
- Keep visual consistency without manually setting appearances on every component.

Benefits

Save time on repetitive material appearance assignments.

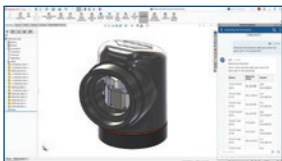


8 SOLIDWORKS Guidance

- Ask LEO modeling questions and get relevant SOLIDWORKS best practices as you work.

Benefits

Get best-practice guidance without leaving your modeling session.



9 PLM Insights

- Ask LEO about a file's configurations, open tasks, and change history in plain language.
- See revision context, pending approvals, and configuration details without leaving SOLIDWORKS.

Benefits

Get PLM answers instantly, without switching tools.



10 Natural Language Selection

- Tell LEO what to select instead of picking items one by one.
- Make selections in parts, assemblies, and drawings.

Benefits

Select faster and more accurately, with fewer clicks and errors.

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