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Trimble Expands Design and Constructability Workflows With New SketchUp Capabilities

Modeling and documentation advancements remove friction and accelerate iteration, while new SketchUp Importer for Revit reduces rework and accelerates workflows

LAS VEGAS, Nov. 10, 2026 /PRNewswire/ -- Trimble announced several new capabilities for its Trimble® SketchUp® design and collaboration solution with the release of SketchUp 2027 and SketchUp Importer for Revit®. The announcement was made at the Trimble Dimensions User Conference and 3D Basecamp.

The enhancements remove friction from design workflows and enable professionals to work faster from concept to documentation without sacrificing creative exploration. Together, these advances close the loop on two of the most costly forms of rework in design: rebuilding a model every time a design changes and rebuilding it again every time it moves into another tool.

Complementing SketchUp's modeling advancements, Trimble introduced the new Trimble Connect Design Hub (Labs), a centralized design communication and collaboration capability built on the Trimble Connect platform. It automatically captures designer and client messaging, and combines 3D model, file management and project administration into a single project record. This eliminates fragmented communication threads, builds client trust and gives designers a single source of truth to manage projects.

SketchUp 2027

SketchUp 2027 introduces Procedures, SketchUp's new non-destructive modeling system. Procedures enable designers to explore new ideas and respond to last-minute revisions without rebuilding models or losing work they've already done. Integrated directly into familiar SketchUp tools and workflows, Procedures deliver greater editing flexibility as models become more complex while maintaining the intuitive ease of use that is core to the SketchUp experience.

In addition to Procedures, SketchUp 2027 delivers new and enhanced capabilities that bring speed and efficiency to design and documentation workflows:

- **Section Hatch Patterns** give designers a faster path to accurate technical drawings by applying patterns to section fills, making it easier to distinguish cut materials, such as brick, concrete and batt insulation, while maintaining full control over how much detail each drawing shows.
- **Paperless Canvas in LayOut** enables teams to draft in 2D freely at 1:1 scale without committing to a page size or drawing scale up front.
- **AutoFit Live Components** now automatically configure and size themselves to fit any surface they are placed on, eliminating the need for manual scaling.
- **The Spatial Preview extension** brings a live SketchUp model into Apple Vision Pro in real time, leveraging new SketchUp USD converters and Apple's new USDPreviewSession. On a Mac while using Mac Virtual Display, designers can change geometry or materials and see the result in the Vision Pro headset for faster iteration without exporting, uploading or reopening a viewer.

"This is, so far, the best release ever, mostly because of two features: Procedures and Hatches," said João Queiroz e Lima, architect & co-founder, CASCA Architecture & Design.

"Procedures are intuitive and naturally feel like SketchUp. What I love most is how Procedures stack to create complex assemblies. Hatches are fast, work seamlessly and are just a subset of materials: vector-based and crisp. Their instant feedback is invaluable. Using Procedures and Hatches together has already changed my complete workflow."

All-new SketchUp Importer for Revit

The new SketchUp Importer for Revit bridges the gap between early-stage conceptual design and detailed Revit documentation while preserving creative intent and project data across teams.

Moving from schematic concept models to detailed BIM environments has historically forced design teams to re-create geometry from scratch. Research by Dodge Data & Analytics estimates that up to 40 percent of design time in mid-to-late project phases is spent manually re-keying, re-modeling, and cleaning up transferred geometry between conceptual design

tools and documentation platforms.

The SketchUp Importer for Revit recognizes component tags and classes, mapping them directly to Revit categories and converting them into native Revit architectural elements that can be edited, scheduled and documented. By spending just a few minutes organizing their components in SketchUp, design teams can reduce manual rework and accelerate workflows.

"Great design is iterative, and the tools designers use have to keep pace with their ideas," said Chris Cronin, senior vice president of architecture and design solutions and education at Trimble. "With these new capabilities, we're giving design teams more flexibility to explore, make changes and move their work forward, even as designs grow more complex, while preserving the intuitive experience that has always been fundamental to SketchUp."

Availability

SketchUp 2027.0 is available now for Pro and higher-tier subscriptions, including Studio for Higher Ed subscribers, with select capabilities also available to Go subscribers on SketchUp for iPad. The SketchUp Importer for Revit is expected to be available in November 2026 at no additional cost to Pro Advanced Workflows and Studio subscribers.

About Trimble
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