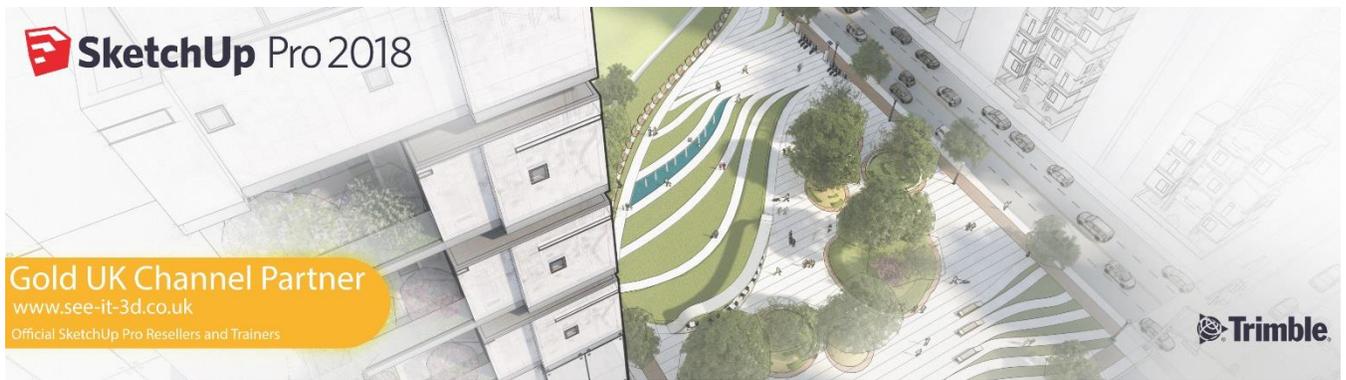


What's New in SketchUp Pro 2018



Here's what's new in 2018... Deliver work you're incredibly proud of.

[Click here to download SketchUp Pro 2018](#)

Better Section Planes, Better Drawings

Section Planes are basically essential to architectural composition, so we've made some big improvements...

Smarter Sections

Named Sections

Just like components, section planes have names and symbols, making them easy to find, organize, and edit in Outliner. Now, it's easy to access and manage sections whenever you need to.

It seems simple, but naming something is the first step towards making it easier to find, organize, and edit that something... Now, even when your section planes are hidden, they're right at your fingertips. Here's how it works...

Create a new section plane and choose a name for it and a short symbol that will display in your modelling window. Your section plane is now a unique SketchUp entity that can be found in Outliner and manipulated in Entity Info. Use Outliner to quickly find, select and edit specific planes. Use Entity Info to edit naming conventions and organize section cuts into layers, then control the visibility of your section planes via Styles.

Filled Section Cuts

Filled Section Cuts are now baked into SketchUp Pro. Select a color for your fills via the Styles dialogue and bake them into templates.

Fast Sections

SketchUp features improved performance for models that use section planes to hide large amounts of geometry. The more geometry you section off, the more you'll benefit!



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What's New in SketchUp Pro 2018

Got BIM?

Advanced Attributes

SketchUp now features Advanced Attribute fields for a component's Price, Size, URL, Type, Status, and Owner. So now it's even easier to embed projects with useful information.

Aggregated Reports

Generate Report now aggregates component data, so you can do things like configure reports to sum parts and quantities for schedules and quantities, or create detailed estimates by adding up prices by layer. It's time to crunch model data!

IFC Import/Export

BIM works best when information moves freely between applications. You can rely on IFC in SketchUp to transfer the attributes you assign and manipulate in projects.

Make Better Drawings

Scaled Vector Drawing

Need to add linework that's not in your model? Create a scaled drawing in LayOut and sketch over a 3D model to flesh out your project. Or draw from details to scale from scratch directly in LayOut.

DWG Import

Import a DWG into LayOut and find illustrations already scaled to paper size. Now SketchUp projects can live side by side with CAD linework and take advantage of DWG libraries everywhere. LayOut A+: plays well with others.

Drawing Better

Inferencing, chamfering and filleting, arcs, offset arrays, selections: LayOut is even better at everything you need to draw details or create beautiful illustrations at scale



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What's New in SketchUp Pro 2018

Better LayOut, Much Better Drawings

LayOut is where people harvest their 3D work in SketchUp to produce *excellent* drawings. Our commitment for LayOut is to help professionals make much better drawings, much quicker, and with as much control as they need.

Scaled Vector Drawing

Now you can use LayOut's vector illustration tools to draft in 2D at scale. Use your SketchUp model as a base for accurately scaled construction details, or just sketch a detail from scratch in LayOut (which is what a lot of LayOut users want to do). Re-set scales as you wish, and your work will resize as necessary. As you would expect, your scaled illustrations are fully supported by LayOut's Dimension and Label tools.

DWG Imports

One reason that drawing in 2D at scale is important is that a lot of LayOut users are trying to work with imported AutoCAD geometry via the DWG format. So, in this release, we're introducing LayOut's ability to import DWG files. DWG projects import at scale and support the pages, title blocks, and blocks. Even better, LayOut users can now help themselves to the vast world of free DWG libraries. And yes, we also improved the quality of DWG files you export from LayOut.

Group Edit

To support scaled drawings, we made a juicy change we think LayOut regulars will notice right away: Editing grouped entities in LayOut now works just like it does in SketchUp. That means it's way easier to draw and manipulate grouped entities. LayOut users can also control "rest of document" visibility when editing within a group.

Drawing Tool Improvements

For 2018 there will be a range of improved drawing tools in LayOut. Inferencing, chamfering and filleting, arcs, offset arrays, selections: LayOut will be better at everything you need to draw details or create beautiful illustrations.

Multi Viewport Dimensioning

What sounds like an enabling physics concept for teleportation is a pretty simple LayOut idea. Users will be able to draw dimensions across SketchUp viewports in order to create a specific section detail.



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What's New in SketchUp Pro 2018

Precise Dimensions

LayOut dimensions can now be as precise as SketchUp dimensions. That's up to 0.000001 inches. Do the math: that means LayOut can show the decimal equivalent of 1/64" (0.015625").

Advanced Attribute Labels

Like all of the information in your model, SketchUp's new advanced attributes are easily available when drawing LayOut labels.

Other LayOut Improvements

Entity Locking

Similar to group editing, locking entities is fundamental to how many people organize and navigate projects (both models and documents). Now you can easily lock individual LayOut entities to cut down on accidental selections.

Unicode Font Support

With Unicode font support, LayOut will work much better in languages that don't use Roman characters.

Extensibility

Create LayOut drawings using the SketchUp Ruby API.

Now you can use SketchUp's Ruby API to tell LayOut to create a set of drawings from your 3D model.

C API Parity

We're transitioning off our C++ aPI to a C API. The C API is now just as good as the C++ API. Other work

The SketchUp extensibility team has also worked on:

- DWG Import Improvements
 - Ruby API Fixes and improvements



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What's New in SketchUp Pro 2018

The Future of 3D for Everyone

SketchUp Free

In 2018, we are launching free software that anybody can use to learn and master 3D drawing. and you can launch it in a web browser.

Evolved from a year of beta testing, *SketchUp Free* has improved in speed, stability, and functionality. By design, this app delivers the core of SketchUp's 3D modelling.

We feel a deep responsibility to empower people everywhere to transform ideas into reality. So we've created a free version of SketchUp that...

- ... is easier to learn and simpler to use than ever. You don't need hundreds of buttons and dropdowns for 3D drawing
- ... is more accessible to everybody, everywhere. Even Chromebooks and Linux users can run *SketchUp Free* on any WebGL enabled browser
- ... is version less. That means you are always using the newest version.
- ... is powered by Trimble Connect, so your projects are stored on the web by default, always backed up (no more autosave!). When you use Trimble Connect to host SketchUp files, your work stays up-to-date on our desktop, web, mobile, and [XR](#) software

What is Trimble Connect? – Access, it from inside SketchUp!

Trimble Connect is the Trimble Buildings online collaboration platform. Think of it like a private 3D Warehouse, just for your project assets. Upload SKP's, DWG's, DXF's, IFC's PDF's and share with team members. Trimble Connect is built off the GTeam platform, meaning that it enables sharing, reviewing, tasks, commenting and a lot more.

Users can sign-up for Trimble Connect by creating a Trimble account. Trimble Connect starts with a free trial that gives you one project workspace to tinker with. SketchUp users can use Trimble Connect to:

- Publish, download, and update SketchUp models hosted on Trimble Connect.
- Access and update reference models from Trimble Connect
- Create, assign, and modify tasks with other project team members, while modelling.



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What's New in SketchUp Pro 2018

What's happening to SketchUp Make?

SketchUp Make is still available for download on SketchUp's website.

But *SketchUp Make* isn't the future of free 3D modelling. We haven't updated *SketchUp Make* this year and we won't be updating it in the future. Users of *SketchUp Make*, can continue working in the current build. A shift to web browser means more people can access, learn, and master 3D drawing. We'll continue to invest heavily in the development of our desktop software, *SketchUp Pro*. Today, more professional designers than ever rely on our paid desktop software, *SketchUp Pro*.

SketchUp Viewer: Share and experience your work

Thanks to SketchUp, 3D modelling is now a paradigm for creating, iterating, and documenting graphical geometry. But 3D has an overlooked super power: it's also a better way to share, communicate, and even experience design. Here's what's new for SketchUp Viewer in 2018...

Thank you for your interest and we are sure you will be very impressed by the new 2018 SketchUp Pro release to the world.

For sales and training enquiries ...

[Contact Us](#)

Enjoy!

The See-It-3D Team



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