

COLLABORATE

"One Click" Analytical Model Export – Structural Analytical Model Exchange couldn't be easier! Use the open, Structural Analytical File (SAF) format to export the analytical model of the architectural design in Archicad 27 and send it directly to structural analytical solutions (such as SCIA or RISA). One click is all it takes!

Renewed MEP Modeler – Boost your MEP modeling workflow with updated Graphisoft MEP Modeler, thanks to streamlined modeling technology and an updated user interface.

Structural Workflow Enhancements – Streamline your design workflow with structural engineers. The new manual adjustment feature helps to achieve a continuous structural analytical model on complex projects, reduces inconsistencies and speeds up design collaboration.

RFA and RVT Geometry Exchange with Revit 2023 – Streamline collaboration between Archicad 27 and Revit 2023. Exchange model geometry using the RVT file format between the two applications. Import RFA-based families into Archicad 27 for further use as GDL objects.



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Your Best Design Option

A brand new design option solution, professional visualization tools, improved project management workflows and open, multidisciplinary design collaboration make Archicad 27 your best design option.



DESIGN

Explore design options the easy way and spend less time on project management to help your team stay organized and get files streamlined – even the size and complexity of projects continue to grow.

► **Integrated Design Options** – Evaluate and share design alternatives quickly and efficiently thanks to an optimized workflow dedicated to evolving design variations regardless of the size or scale of the project.

► **A Fast Modeling with Distance Guides** – Position your model elements quickly and more comfortably on the floor plan. Distance Guides deliver a long-awaited, innovative capability – actively positioning building elements, thanks to an initiative use of numerical and graphical input of dimensions.

► **Modern GDL Editor** – Whether you create your own parametric objects or develop commercial object libraries, you are going to love the new GDL editor! It delivers better navigation thanks to syntax highlights, shortcuts for editing commands, and last – but not the least – dark mode to reduce eye strain.

► **Intelligent Tracker** – Essential math functions are always at your fingertips with the new Archicad tracker. Develop your design ideas faster and without the need for an external calculator – use multiply, divide, add or subtract functions directly from the tracker.

► **Enhanced Search** – Find what you need in seconds! Expanded search capabilities speed up working with long lists, including views, graphic override combinations and rules, library textures, layouts and drawings.

► **Graphic Override Organization** – Unleash the full potential of the Graphic Overrides – manage rules and combinations faster and more easily, thanks to better organization and the new search function.

► **Improved Project Management** – Stay organized and work more efficiently, thanks to extended capabilities for more of attributes types, faster workflows, and greater consistency.

► **Issue creation in BIMx** – Create project issues with BIMx mobile anywhere, anytime. When managing design issues and update requests this workflow brings all stakeholders together – regardless of their physical location – No more emails or spreadsheets to keep track of changes – use BIMx to create and send BCF issues and quickly resolve design change requests and inconsistencies.

► **Interactive Labels in BIMx 2D** – Access the exact specifications of building design elements on the go – without switching back and forth between layouts and 3D views – access 3D element information easily from 2D layouts and associative labels make it easy to get the information you need the most.

VISUALIZE

Deliver with Archicad's professional architectural visualization tools. Translate your conceptual designs into compelling imagery of future buildings.

Native Support for FBX Format – Archicad now supports imports and exports of the industry – standard FBX file format. Easily add animation and rendering to the model in third-party software – including Augmented Reality (AR) and Virtual Reality (VR) applications.

Open Rendering Workflow – Choose your preferred visualization solution and impress your clients with high-impact images and videos. Archicad delivers versatile and flexible toolsets for professional architectural visualization through the freedom of choice to use other professional visualization solutions like Enscape, Twinmotion, Lumion, NVIDIA Omniverse, D5 Render and many more.

Streamlined Archicad – Enscape connection – Create real-time visualizations more comfortably with the revamped Archicad – Enscape connection. Map any Archicad object to any high-poly Enscape asset to leverage the best of both the worlds. Enscape is now also available for the macOS platform. Available for Subscription, Forward and SSA users only.

Accurate Sun Positioning in BIMx – Involve your clients in important design decisions. With accurate sun positioning in BIMx, you can make of the natural light and optimize your design for the environment.

COLLABORATE

Collaborate with design teams using OPEN BIM to implement flexible, intuitive, industry-leading multidisciplinary design workflows with MEP and structural engineers.

Efficient Change Management – Stay in the loop about the latest design changes, thanks to the model compare tool, developed for multidisciplinary design teams with extensive change management requirements. The new dialog displays a comprehensive and detailed list of changes.

Industry Standard Certification – Enjoy next-level OPEN BIM collaboration with IFC4 file! Archicad 27 is equipped with the IFC4 file import and export certification issued by the international building SMART Organization. This ensures consistency and efficiency in data exchange across disciplines and other solutions.

IFC Model Exchange with Archicad for Revit 2024 – Improve your IFC-based model collaboration with Revit 2024 users. The IFC Model Exchange tool in Archicad 27 optimizes your model for exchange with Revit 2024 users.

