



Connected workflows for architecture with the AEC Collection

Create with ease

Create high-quality, high-performing building designs with a set of BIM and CAD tools that support conceptual and detailed design through to construction.

Explore what's possible

Optimize projects with integrated analysis, generative design, and visualization and simulation tools.

Build with confidence

Improve predictability in the field with tools that maximize constructibility and project coordination.

Business Benefits



Win more work

Access tools that enable you to bid for, win, and deliver more business.



Improve operational efficiency

Automate tasks to reduce design time and improve handoff with streamlined data exchange.



Deliver more sustainable projects

Deliver projects that exceed performance requirements.



Reduce risk

Increase stakeholder buy-in, while reducing errors and rework.

Capabilities

Using a connected BIM workflow, architects can more seamlessly conceive, model, optimize, and coordinate their designs with AEC professionals across disciplines and throughout the lifecycle of a project.



Sketching and Massing



Documentation



Computational and Generative Design



Reality Capture



Building Energy Analysis



Visualization



Virtual Reality



Multidiscipline Coordination

What the tools in the AEC Collection can do for you



Design, simulate, visualize, and coordinate architectural projects from concept through handover in a powerful BIM platform

Design



FormIt Pro

Use an intuitive 3D sketching app with native Revit interoperability, and analysis and collaboration features



ReCap Pro

Design in-context with reality-capture and 3D scanning software and services

Simulate



Insight

Optimize building performance with centralized access to performance data and advanced analysis engines



Dynamo

Automate tasks and workflows in a visual programming environment

Visualize



3ds Max

3D modeling, animation, and rendering software

Rendering

Move compute-intensive rendering to the cloud to create more photorealistic images and panoramas

Coordinate



AutoCAD

Create new and reuse legacy CAD details to speed the documentation process



Navisworks Manage

Integrate data from multiple sources to facilitate whole project review, coordination, and quantification



Simplify team collaboration and data management with a cloud-based common data environment

What our customers say

“The AEC Collection allowed us to **reduce repetitive tasks by 30% and communication time by 50%.**”

– Sara Moreno
BIM Manager
luis vidal + arquitectos

“Numbering and renumbering rooms is tedious but necessary. Our team created a simple automation in Dynamo that liberated our staff from the task. On a project the size of the Piedmont Atlanta Tower, it **saved as much as a week of someone’s time. That’s time they can use to enhance the design** instead.”

– Reeti Gupta
Director of Practice Technology
HKS

Learn more about the AEC Collection: www.autodesk.com/aeccollection