AUTODESK® ARCHITECTURE, ENGINEERING & CONSTRUCTION COLLECTION

Connected workflows for architecture with the AEC Collection

Benefits

Everything you need

Get access to BIM and CAD technologies that provide end-to-end capabilities for design, engineering, and construction.

Powerful BIM workflows

Use integrated workflows that allow you to work more efficiently, improve project team collaboration, and offer more value-added services to clients.

Prepare for the future

Stay competitive with the ability to customize your software according to current project needs, and adopt advanced design and construction technologies when you need them.

"Before this, design, construction, and materials purchasing were all different processes. Now, they're all **combined in one BIM platform, all coordinated and collaborative with each other**."

—Su Yawu, Project Manager, China Construction Eighth Engineering Division

"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

"In the construction industry, construction sites around the world generate about 15 to 30 percent waste material. By using the BIM process in our development, **we can reduce waste by up to 15 percent, so that saves a lot of energy, saves a lot of material**."

— Khun Suttha Ruengchaipaiboon, President, MQDC

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
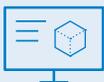
Computational and Generative Design

Reality Capture

Building Energy Analysis

Visualization

Virtual Reality

Multidiscipline Coordination

AUTODESK®

What the tools in the AEC Collection can do for you

R AUTODESK® REVIT®

Conceptual Modeling

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

D Dynamo
Automate tasks and workflows in a visual programming environment.

Schematic Design

R ReCap Pro
Design in-context with reality-capture and 3D scanning software and services.

A AutoCAD
Speed documentation, share ideas, and explore 3D concepts with powerful design and documentation tools.

Design Development

3 3ds Max
3D modeling, animation, and rendering software.

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

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

Construction Documentation

N Navisworks Manage
Integrate data from multiple sources to facilitate whole project review, coordination, and quantification.

100GB of Cloud Storage

Learn more about Autodesk's solutions for architecture: www.autodesk.com/architecture

Subscription benefits

Stay competitive by getting broad access to our latest innovations, along with the previous versions you need

Manage users, costs, and products in a way that makes sense for your business

Optimize your investment with valuable insights

AUTODESK®