



# ARCHITECTURE, ENGINEERING & CONSTRUCTION COLLECTION

Powerful BIM and CAD Tools for Designers, Engineers, and Contractors, Including Revit, AutoCAD, Civil 3D and more



## Overview

### What is the Architecture, Engineering & Construction Collection?

The AEC Collection provides designers, engineers, and contractors a set of BIM and CAD tools that support projects from early-stage design through to construction.

- Create high-quality, high-performing building & infrastructure designs with conceptual and detailed design tools.
- Optimize projects with integrated analysis, generative design, and visualization and simulation tools.
- Improve predictability in the field with tools that maximize constructability and project coordination.

Accelerate design processes and improve quality with integrated workflows for conceptual design, modeling, multidiscipline coordination, and construction documentation.

Explore workflows by industry:

- Building design
- Infrastructure design
- Construction



#### Included software












### What's in the Architecture, Engineering & Construction Collection

Use powerful BIM and CAD workflows to create in new ways and build with confidence.

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|  <b>Revit</b><br>Plan, design, construct, and manage buildings with multidisciplinary BIM software. |  <b>Civil 3D</b><br>Civil engineering design and construction documentation software.     |  <b>AutoCAD</b><br>Software for 2D and 3D CAD. Includes AutoCAD, specialized toolsets, and apps. |
|  <b>InfraWorks</b><br>Civil infrastructure conceptual design and analysis software.                |  <b>Navisworks Manage</b><br>Clash detection and advanced coordination, 5D analysis, and |  <b>ReCap Pro</b><br>Reality capture and 3D scanning software and services.                     |

#### Explore workflows by industry

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|  <b>Building design</b> |  <b>Infrastructure design</b> |  <b>Construction</b> |
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|  <b>Advance Steel</b><br>3D modeling software for steel detailing.                   |  <b>Insight</b><br>Building performance analysis software.   |  <b>FormIt Pro</b><br>Intuitive 3D sketching app with native Revit interoperability.        |
|  <b>Dynamo Studio</b><br>Create visual logic to design workflows and automate tasks. |  <b>Robot Structural Analysis Professional</b><br>Advanced BIM-integrated structural analysis and code compliance verification tool. |  <b>3ds Max</b><br>3D modeling, animation, and rendering software for design visualization. |
|  <b>Autodesk Rendering</b><br>Fast, high-resolution renderings in the cloud.         |  <b>Vehicle Tracking</b><br>Vehicle swept path analysis software.  |  <b>Fabrication CADmep</b><br>MEP detailing and documentation software.                     |
|  <b>Structural Bridge Design</b><br>Structural bridge analysis software.             |  <b>Autodesk Drive</b><br>CAD-aware cloud storage for individuals and small teams.   |  |

## How the AEC Collection helps your business

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| <p><b>Win more work</b><br/>Access tools that enable you to bid for, win, and deliver more business.</p> | <p><b>Improve operational efficiency</b><br/>Automate tasks to reduce design time and improve handoff with streamlined data exchange.</p> | <p><b>Deliver more sustainable projects</b><br/>Deliver high-quality building and infrastructure projects that exceed performance requirements.</p> | <p><b>Reduce risk</b><br/>Increase stakeholder buy-in and project predictability, while reducing errors and rework.</p> |
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