

Connected workflows for Mechanical, Electrical, and Plumbing design and detailing 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

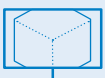
Using a connected BIM workflow, MEP engineers and contractors can more seamlessly conceive, model, optimize, and coordinate their detailed designs with AEC professionals across disciplines and throughout the lifecycle of a project.



Documentation



Reality Capture



Detailing



Computational and Generative Design



Multidiscipline Coordination



Visualization

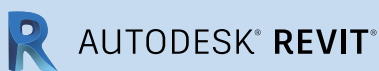


Performance Analysis




Virtual Reality


What the tools in the AEC Collection can do for you




Design, analyze, detail, and coordinate MEP projects from concept through fabrication in a powerful BIM platform


Design

 **AutoCAD**
Create 2D and 3D design concepts and reuse legacy CAD data


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

Analyze


 **Insight**
Conduct energy and building performance analysis

 **Dynamo**
Automate tasks and workflows in a visual programming environment

Detail

 **Fabrication CADmep**
Create CAD-based, fabrication-ready documentation

Coordinate

 **Navisworks Manage**
Prevent clashes with 3D model review



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

What our customers say

“We use multiple tools in our design process, and no two projects are exactly the same. The AEC Collection makes many of the tools we use every day—and occasionally—available. **It’s handy to have everything in one place.**”

— Ben Roberts
Head of Digital Innovation
Hoare Lea

“We want everyone who touches our work—from the crane operator to other contractors—to be successful. **BIM makes that happen because it gives us visibility** into costs, weight, and final outcomes that are **simply impossible with traditional 2D processes.**”

— Brian Thomas
VDC & BIM Solutions Manager
The Kirlin Group

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

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