

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

Integrated workflows 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.

“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

“FormIt-to-Revit-to-Insight concept design offers a quick way to model building performance early in the design process. With this workflow, I see the potential to **reduce the time required to design high-performance buildings.**”

—Clay Nesler, VP of Global Sustainability  
and Industry Initiatives, Johnson Controls

## Capabilities

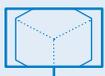
Using a connected BIM workflow, MEP engineers and contractors can more seamlessly conceive, model, optimize, and coordinate their detailed designs with AEC professionals across disciplines and throughout the lifecycle of a project.



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



## Concept



### AutoCAD MEP

Draft, design, and document MEP building systems with automated drafting tasks, manufacturers' parts, and interference detection.



### Insight

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



### Dynamo

Automate tasks and workflows in a visual programming environment.

## Design



### Insight

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



### Dynamo

Automate tasks and workflows in a visual programming environment.



### Navisworks Manage

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



### ReCap Pro

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

### Rendering

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

## Detailing



### Fabrication CADmep

Produce detailed fabrication shop spool drawings and documents.

### Rendering

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

## Documentation



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Learn more about Autodesk's solutions for MEP engineering and fabrication: [www.autodesk.com/mep](http://www.autodesk.com/mep)

## 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