



The AEC Collection Buyer's Guide for architecture teams

The Autodesk Architecture, Engineering & Construction (AEC) Collection gives architecture teams, designers, engineers, and construction professionals the tools and integrated workflows they need to create with ease, explore what's possible, and build with confidence.

Explore the key benefits of the AEC Collection for architect teams, and discover how firms across the world are already using it to enhance their work.



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Overall value of the AEC Collection to architects

Three reasons architecture teams should use the Autodesk Architecture, Engineering & Construction (AEC) Collection

Discover the benefits of integrated workflows for improved design processes.



Easily and quickly improve design quality

With the AEC Collection you can consistently exceed client expectations thanks to design and analysis software that enables you to focus on creativity and problem solving.



Work better together across your teams

You can enhance your project collaboration and performance by using the cloud-based common data environment that the AEC Collection provides.

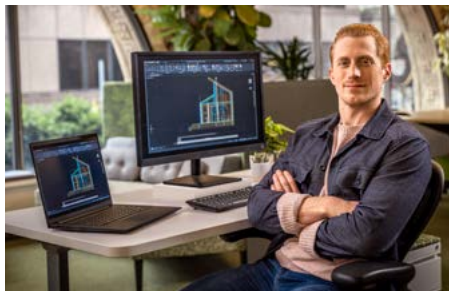


Streamline the design process

The AEC Collection enables you to adopt intelligent model-based design and task automation, saving time on day-to-day tasks and allowing you to focus on more important design challenges.

How architecture teams are already using the AEC Collection

Discover how architect firms around the world are enhancing their work by using the AEC Collection.



Easily move from conceptual to detailed design.

Discover how sustainable architecture firm Lake|Flato used Autodesk Forma and Revit as a wayfinder for transforming a 100-year-old former car dealership into a future-focused hybrid workplace that showcases environmental sustainability, and creative, collaborative design.

➔ [Read story](#)



Gain insight from performance and environmental simulations.

Learn how French architectural firm Club has pioneered the use of new digital tools, including Autodesk Forma and Revit, to automate tasks and free up time for creative exploration, empowering them to take on larger projects and help grow the business.

➔ [Read story](#)



Develop detailed and beautiful visualizations.

Find out how Workshop/APD uses the Autodesk AEC Collection to create a seamless workflow from start to finish, bringing their concepts to life and creating the details that make their designs stand out from the rest.

➔ [Read story](#)



Enhance project coordination and design management.

Discover how the AEC Collection helped TVS Design create a framework for digital design transformation, integrating its people, processes, and technology to make them a firm for the 21st century.

➔ [Read story](#)

Why you need the AEC Collection



Be empowered with insights at every stage of design, for every project

How the AEC Collection benefits Architectural Designers



What drives you

- Getting more done, in less time
- Developing elegant and creative solutions that deliver the best possible outcome



What you want to achieve

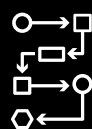
- Reduce errors and rework in projects
- Improve collaboration with colleagues
- Manage complexity within projects
- Improve sustainability with every job where possible
- Enhance your company's reputation



What's stopping you

- Repetitive tasks that slow you down and decrease your job satisfaction
- Being overwhelmed with data that hampers your ability to deliver the best outcome
- Software stifling your creativity or your ability to collaborate with others

How the AEC Collection can help you



From sketch to construction docs, the AEC Collection supports you with power, versatility, and insight at every stage of design, for any kind of project



Benefit from intelligent form-making and AI-assisted environmental analysis with Forma



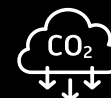
Experience simplified data management and team coordination with Docs



Take advantage of automated design to documentation with Revit



Benefit from detailed design and drafting with AutoCAD



Carry out a Total Carbon Analysis with Forma, Revit, and Insight



Get access to on-demand and self-guided learning resources to hone your skills and upskill your project teams



Enables you to create photoreal, real-time visualization using Twinmotion for Revit



Capture existing conditions from laser scans and photogrammetry with ReCap

Manage your software with ease, ensuring all users are more productive

How the AEC Collection benefits IT Managers





What drives you

- Getting more done, in less time
- Improved interoperability
- Streamline practice-wide product delivery



What you want to achieve

- Improve data exchange across all stages of the project lifecycle
- Establish company standards that drive business growth and increase ROI
- Enhance your company's reputation



What's stopping you

- Interoperability issues that lead to inefficiencies for you and the organization
- Expanding set of tools driving increased costs

How the AEC Collection can help you



Experience simplified data management and team coordination with Docs



Gives you license control for each AEC Collection user, so you can limit access to specific products as needed



Get up and running quickly with all the tools you need to manage your software with ease, ensuring users are productive, and enabling you to make more accurate user assignments and purchase decisions



You can apply your password across all Autodesk solutions with single sign-on to increase security for your organization



You can save time by removing multiple users at once, making it faster and easier to maintain your user list



Get valuable insights from detailed usage reporting so you can optimize your seat assignments and make more informed purchasing decisions



Manage technical team training and upskilling with on-demand and self-guided learning and tutorials from Autodesk

Make more informed decisions with data-driven insights

How the AEC Collection benefits AEC Technology Leaders



What drives you

- Improving productivity and reducing redundancy
- Improving project coordination and design management
- Increasing design quality
- Making cost savings vs. individual products



What you want to achieve

- Improve decision making with data-driven insights
- Enhance collaboration with colleagues and across teams
- Drive business growth
- Improve stakeholder satisfaction
- Enhance your company's reputation



What's stopping you

- Expanding set of tools driving increased costs and admin
- Interoperability issues that lead to inefficiencies for you and the organization
- ROI can be difficult to demonstrate due to lack of baseline and/or complex variables
- Lack of clarity around purchasing terms, pricing, and licensing
- Ensuring that software solution selected has the capabilities to meet user needs

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Expand and diversify your organization's services to drive business growth

How the AEC Collection benefits
Executives and Principals



What drives you

- Running profitable projects and practices
- Recruiting, training, and retaining talent
- Making cost savings vs. individual products
- Maintaining your organization's competitive edge



What you want to achieve

- Access new technologies while simultaneously making cost savings
- Improve stakeholder satisfaction
- Expand and diversify services to drive business growth
- Enhance your company's reputation



What's stopping you

- High pressure to achieve your numbers and keep investors happy
- Keeping up with digital transformation without overinvesting or investing too early
- An increasingly competitive marketplace
- Projects and software creating complexity that reduces your operational efficiency

How the AEC Collection can help you



Get access to comprehensive design and construction software specifically developed for architects, flexible subscriptions and plans, technical and onboarding support, and a wide network of certified trainers and learning resources



Autodesk is a technology partner whose track record you can trust for supporting your digital transformation



You have a platform for innovation that allows you to do more with your design and business data, which is backed by a trusted ecosystem of industry partners, developers, and service providers

How the AEC Collection stacks up



What's included in the AEC Collection



Revit

Plan, design, construct, and manage buildings with powerful tools for Building Information Modeling (BIM)

Key capabilities

- 3D modeling and parametric design tools
- Synced design and documentation
- Multi-disciplinary coordination and integration with Autodesk Docs
- Data interoperability and extensibility



AutoCAD

2D and 3D CAD tools, with enhanced insights, AI-automations, and collaboration features. Subscription includes AutoCAD on desktop, web, mobile, and seven specialized toolsets

Key capabilities

- Design and annotate 2D and 3D geometry
- Unified desktop, mobile, and web app experience
- Streamlined document review and approval workflows with integration into

AUTODESK Forma

Make more informed and sustainable design choices with real-time environmental analyses and real-world contextual data

Key capabilities

- Model conceptual designs in 3D, in minutes
- Add geo-located contextual data to your sites
- Get real-time environmental impact analyses for daylight, wind, noise, and more
- Integrate Forma into your existing schematic design workflow, and connect to Revit, Rhino, or Dynamo



Autodesk Docs

Manage project information in a cloud-based, common data environment

Key capabilities

- Centralized data and document management with versioning and unlimited cloud storage
- Support for 50+ file types common to the AEC industry
- Integration with Revit and AutoCAD for issue tracking, document review and approval, and design coordination

What's included in the AEC Collection



Insight

Building performance analysis software

Key capabilities

- Integration with Revit for measuring operational and embodied carbon at any stage of architectural design
- Ability to run scenarios and assess impacts of design decisions to building performance and carbon footprints
- Support for creating custom metrics that factor project requirements, local and regional regulations, and other factors into total carbon assessment



Twinmotion for Revit

Bring designs to life using a fast, interactive creative process

Key capabilities

- Real-time rendering and visualization
- Direct sync with Revit BIM model and Twinmotion creative environment
- Ability to create stills, animations, and immersive experiences in AR/VR



Navisworks Manage

Control outcomes with clash detection and advanced coordination, 5D analysis, and simulation tools

Key capabilities

- Streamline clash detection and coordination in BIM



Autodesk 3ds Max

3D modelling, animation, and rendering software for design visualization

Key capabilities

- Create expansive worlds and premium designs



Autodesk ReCap Pro

Reality capture and 3D scanning software and services

Key capabilities

- Capture high quality point cloud models and photogrammetry

[AND MUCH MORE](#)



Next steps

Are you ready to buy the Autodesk Architecture, Engineering & Construction Collection?

[Contact Autodesk](#)

[Buying with Autodesk](#)

Please visit here for [System requirements](#) and here for [Pricing](#).



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