AUTODESK® ARCHITECTURE, ENGINEERING & CONSTRUCTION COLLECTION

Connected workflows for land development projects with the AEC Collection

Create with ease

Create high-performing and resilient infrastructure with a set of BIM and CAD tools that support conceptual and detailed design through to construction.

Explore what's possible

Optimize infrastructure 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, AEC professionals involved in land developer projects can more seamlessly conceive, model, optimize, and coordinate their designs across disciplines and throughout the lifecycle of a project.

Reality Capture	Computational and Generative Design
Conceptual Design	Virtual Reality
Visualization	Documentation
Detailed Design	Multidiscipline Coordination

AUTODESK.

What the tools in the AEC Collection can do for you

AUTODESK® CIVIL 3D®

AUTODESK® INFRAWORKS®

Survey

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

Planning & Conceptual Design

3ds Max
3D modeling, animation and rendering software for design visualization and engaging virtual reality experiences.

AutoCAD
Speed documentation, share ideas, and explore 3D concepts.

Vehicle Tracking
Transportation analysis and design software built for vehicle swept path analysis.

Detailed Design

AutoCAD
Speed documentation, share ideas, and explore 3D concepts.

Vehicle Tracking
Transportation analysis and design software built for vehicle swept path analysis.

Dynamo
Automate tasks and workflows in a visual programming environment.

Documentation

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

AUTODESK® DOCS Simplify team collaboration and data management with a cloud-based common data environment

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"For public planning at any scale, 3D visualization can play an important role in communicating with people. It provides a clear basis to share ideas and to gather feedback. Decision making becomes more collaborative."

—Nicolás Rivillas Hincapié
Assistant Director of Design and Innovation
Empresa Desarrollo Urbano de Medellín

The Empresa Desarrollo Urbano de Medellín team estimates that the planning process took *45% less time* thanks to the BIM tools within the AEC Collection.

Learn more about the AEC Collection at autodesk.com/aeccollection

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