**Autodesk Building Design Suite 2014**

[Autodesk Building Design Suite 2014](http://usa.autodesk.com/autodesk-building-design-suite/) is a comprehensive software portfolio that combines [Building Information Modeling](http://usa.autodesk.com/building-information-modeling/) (BIM) and CAD tools to help users design, simulate, visualize, and build better buildings. With unique access to the Autodesk portfolio—both desktop and cloud solutions with active subscription—the depth and breadth of the Autodesk portfolio allows building design and construction professionals to benefit from intelligent model based design. Autodesk Building Design Suite 2014 lets architects, engineers and contractors produce compelling visualizations to present ideas more clearly; use integrated analysis to help inform design and construction decisions; create more consistent, high-quality construction documentation; and improve control over project outcomes with valuable insight across the building lifecycle.

Three editions of Autodesk Building Design Suite 2014 are available to support design and construction professionals. Each offers a convenient package that can help users do more, achieve better results faster, and collaborate more effectively.

**Autodesk Building Design Suite Standard 2014** – is for building designers, drafters and detailers who need a foundational set of tools to efficiently design, document, and share drawings in the DWG file format. The Standard edition includes: [Autodesk AutoCAD 2014](http://usa.autodesk.com/autocad/), [Autodesk AutoCAD Architecture](http://usa.autodesk.com/autocad-architecture/), [Autodesk AutoCAD MEP](http://usa.autodesk.com/autocad-mep/), [Autodesk AutoCAD Structural Detailing](http://usa.autodesk.com/autocad-structural-detailing/), Autodesk Showcase, Autodesk Sketchbook Designer, and new products to the standard edition are [Autodesk AutoCAD Raster Design](http://usa.autodesk.com/autocad-raster-design/) and [Autodesk ReCap 2014](http://www.autodesk.com/recap). [Autodesk 360](https://360.autodesk.com/landing) cloud services, including Rendering and Autodesk Green Building Studio, are available to users who purchase an Autodesk Subscription.

**Autodesk Building Design Suite Premium 2014** – is for architects, MEP and structural engineers, and construction professionals who need an optimized set of tools for building design and construction. The Premium edition includes all of the products in the Standard edition and adds: [Autodesk Revit 2014](http://usa.autodesk.com/revit/), [Autodesk 3ds Max Design 2014](http://www.autodesk.com/pr-3dsmaxdesign), and [Autodesk Navisworks Simulate](http://usa.autodesk.com/navisworks/). Additional Autodesk 360 cloud services, including Structural Analysis for Autodesk Revit and Energy Analysis for Autodesk Revit, are available to users who purchase an Autodesk Subscription.

**Autodesk Building Design Suite Ultimate 2014** – is for architecture, engineering and construction professionals who need the power of BIM and an advanced set of tools for design and construction. The Ultimate edition includes all of the products in the Premium edition and adds: [Autodesk Navisworks Manage](http://usa.autodesk.com/navisworks/?DCMP=OTC-pr-navisworks), [Autodesk Robot Structural Analysis Professional,](http://usa.autodesk.com/robot-structural-analysis-professional/)  [Autodesk InfraWorks](http://www.autodesk.com/products/autodesk-infraworks)  (formerly Autodesk Infrastructure Modeler), and [Autodesk Inventor](http://usa.autodesk.com/autodesk-inventor/). Additional Autodesk 360 cloud services, including Optimization for Autodesk Inventor and Autodesk InfraWorks 360, are available to users who purchase an Autodesk Subscription.

**New Additions to the Building Design Suite editions**

* **Autodesk ReCap –** Autodesk ReCap allows architects, engineers and contractors to create intelligent 3D data from laser scans and captured photos. Rather than beginning with a blank sheet, Autodesk ReCap now enables any designer, architect, engineer or contractor to add, modify, validate and document their design process in context from existing environments.
* **Autodesk AutoCAD Raster Design** – A raster editing and raster-to-vector conversion tool that helps architects, engineers and contractors to better utilize scanned paper drawings, satellite images, aerial photos, and similar data as a basis for design.

**Autodesk Building Design Suite 2014 is available in three editions:** **Standard, Premium and Ultimate:**

**Autodesk Building Design Suite Standard:** for designers, drafters and detailers who need a foundational set of tools to efficiently design, document, and share drawings in the DWG file format.

* **Autodesk AutoCAD 2014** – Helps users design, document, and share drawings more accurately and efficiently in the DWG file format. Enhancements include new design feed tools to bring social collaboration to design, driving greater involvement with project stakeholders; a more intelligent command line and file tabs to speed everyday workflows and cut down on frequent repetitive tasks.
* **Autodesk AutoCAD Architecture** – The version of AutoCAD for architects.
* **Autodesk AutoCAD MEP ­**– The version of AutoCAD for mechanical, electrical, and plumbing (MEP) designers and drafters.
* **Autodesk AutoCAD Structural Detailing –** The version of AutoCAD specifically designed for structural drafting and detailing.
* **Autodesk AutoCAD Raster Design 2014** – A raster editing and raster-to-vector conversion tool that helps users better utilize scanned paper drawings, satellite images, aerial photos, and similar data.
* **Autodesk Showcase –** Allows users to transform AutoCAD and Revit models into compelling imagery, movies and interactive presentations more easily.
* **Autodesk SketchBook Designer –** Provides architects, engineers and contractors with an effective tool for design illustration and graphic communication.
* **Autodesk ReCap –** Allows architects, engineers and contractors to create intelligent 3D data from laser scans and captured photos. Rather than beginning with a blank sheet, Autodesk ReCap now enables any designer, architect or engineer to add, modify, validate and document their design process in context from existing environments.

**Autodesk Building Design Suite Premium:** for architects, engineers, and construction professionals who need an optimized set of tools for building design and construction. The Premium edition includes all of the products in the Standard edition and adds:

* **Autodesk Revit 2014:** Autodesk Revit software combines features for architectural design, MEP engineering, and structural engineering, as well as for construction, in a single, comprehensive application. The 2014 release provides enhanced design, analysis and documentation capabilities to improve architectural and engineering workflows. Autodesk Revit 2014 also includes the new Building Element Energy Analysis tool, which provides advanced workflows for energy analysis using detailed Revit models.
* **Autodesk 3ds Max Design:** A tool to help architects, engineers and contractors create more convincing visualizations. Enhancements include a new Perspective Match feature that enables CG elements to be placed into a 2D photographic setting; the ability to use vector maps as textures; and a significantly augmented Particle Flow toolset.
* **Autodesk Navisworks Simulate** –A tool for uniting project contributions into an aggregated and synchronized model that offers enhanced 4D planning and simulation tools, an improved system for creating photo-realistic renderings and animations, and integrates quantification of model objects based on project parameters and cataloged items and resources. Added ability to connect to mobile application for managing, sharing and communicating model information with the field via an Apple iPad.

**Autodesk Building Design Suite Ultimate:** for architecture, engineering and construction professionals who need the power of BIM and an advanced set of tools for design and construction.

* **Autodesk Navisworks Manage** – Offers the same enhancements as found in Autodesk Navisworks Simulate 2014 and adds enhanced clash detection capabilities to help reduce the time it takes to better manage and resolve project conflicts.
* **Autodesk Robot Structural Analysis Professional** – Advanced structural analysis tools for engineers and designers to investigate linear and nonlinear behavior in large, complex structures.
* **Autodesk InfraWorks** – Formerly Autodesk Infrastructure Modeler, helps architects and urban planners to more easily, create, evaluate and communicate building projects in the context of the broader site for faster stakeholder buy-in and decision making.
* **Autodesk Inventor 2014 –** allows architects and MEP engineers to easily integrate manufacturer building components into their design process. Users can also design custom building components with easy-to-use 3D mechanical CAD, visualization, and documentation software.

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