**Autodesk® Design Suites and Simulation Portfolio 2014**

The Autodesk® Design Suites 2014 geared specifically for manufactures deliver affordable access to the most advanced Digital Prototyping workflows and are comprised of [Autodesk Product Design Suite](http://www.autodesk.com/pr-productdesignsuite) and [Autodesk Factory Design Suite](http://www.autodesk.com/pr-factorydesignsuite). The suites provide designers and engineers with a complete set of tools and cloud services to simplify design, visualization and simulation workflows from product development through delivery.

Additionally, Autodesk’s 2014 [Simulation software portfolio](http://usa.autodesk.com/simulation-software/) delivers a faster, more accurate and flexible approach to predicting, optimizing and validating designs earlier in the design process.

Autodesk’s 2014 design suites are available in three cost-effective, convenient editions: Standard, Premium and Ultimate. Suites highlights include:

* The debut of Autodesk ReCap, new reality capture software and cloud services that create intelligent 3D models of physical objects and environments and allows customers to bring the actual job site into their design process;
* [Autodesk Inventor](http://usa.autodesk.com/autodesk-inventor/) software enhancements that incorporate, among other benefits, increased scalability for extremely large product or factory assemblies; and
* [Autodesk Revit](https://connect.autodesk.com/owa/redir.aspx?C=tJO1lYBQeUS04wb0CVUqkVyHsYkf6c8IqFiKq8311iFa838zAf587ZmLiNE6Bah6j6ZKd42FxeM.&URL=http%3a%2f%2fusa.autodesk.com%2frevit%2farchitectural-design-software%2f) interoperability that allows building product manufacturers to easily transform detailed Inventor assemblies into simple native Revit files for use as BIM content.

Suite subscribers will continue to have access to [Autodesk 360](http://usa.autodesk.com/adsk/servlet/pc/index?siteID=123112&id=20741453) cloud services that extend desktop functionality to better enable collaboration, optimization and to promote design sharing and reuse.

**New and Enhanced Features**

**What’s New – Autodesk Product Design Suite 2014**

The 2014 Product Design Suite helps product designers drive innovation by further refining [Digital Prototyping](http://www.autodesk.com/pr-digitalprototyping) tools and workflows and adds increased scalability for extremely large product assemblies. Updated 2014 features include:

**Autodesk Inventor Professional**

* New for the Premium edition of Product Design Suite 2014 is the inclusion of Autodesk Inventor Professional software, which provides mechanical and electrical engineers the functionality for complete Digital Prototyping with integrated simulation, control systems and tooling capabilities.

**Navisworks Manage Incorporation**

* [Autodesk Navisworks Manage](https://connect.autodesk.com/owa/redir.aspx?C=tJO1lYBQeUS04wb0CVUqkVyHsYkf6c8IqFiKq8311iFa838zAf587ZmLiNE6Bah6j6ZKd42FxeM.&URL=http%3a%2f%2fusa.autodesk.com%2fnavisworks%2f%3fDCMP%3dOTC-pr-navisworks) software — which provides project management capabilities including whole project review, scheduling, costing, visualization and collaboration — has been incorporated into the Ultimate edition.

**AutoCAD Raster Design Tool**

* Product Design Suite now features [AutoCAD Raster Design](http://usa.autodesk.com/autocad-raster-design/), a raster editing and raster-to-vector conversion tool that helps users better utilize scanned paper drawings, maps, satellite images and similar data in their AutoCAD-based workflows.

**What’s New - Autodesk Factory Design Suite 2014**

Autodesk Factory Design Suite 2014 provides factory customers with exclusive access to interoperable, layout-specific workflows, cloud-based factory asset resources and powerful visualization and analysis tools that help increase design accuracy, efficiency and communication. Updated 2014 features include:

**Enhanced Autodesk Vault Integration**

* The new suite provides enhanced integration of [Autodesk Vault](http://www.autodesk.com/vault) product data management software for improved asset management.

**Factory Library Assets**

* More than 300 new factory assets have been added to the library in the 2014 suite.

**Point Cloud Workflows**

* New and improved point cloud workflows help to capture the as-is state of a factory.

**What’s New - Autodesk Simulation Software 2014**

The Autodesk Simulation family of products includes 2014 versions of [Autodesk Simulation Mechanical](http://www.autodesk.com/pr-autodesksimulation), [Autodesk Simulation CFD](http://autodesk.com/pr-simulationcfd) and [Autodesk Simulation Moldflow](http://usa.autodesk.com/adsk/servlet/item?siteID=123112&id=17621324) and serves as a comprehensive set of simulation software tools that are highly interoperable and integrate into each phase of the product development process. Enhancements to the 2014 simulation portfolio include:

**Autodesk Simulation Mechanical**

* Formerly known as Autodesk Labs technology Project Scout, Autodesk Simulation Mechanical includes a new automated process for drop tests and access to parametric design study functionality.

**Autodesk Simulation CFD**

* Overall product performance up to 13 percent faster, and the ability to simulate free surface liquids such as sloshing, pouring, open channel flow and solid/liquid interaction.

**Autodesk Simulation Moldflow**

* New conformal cooling functionality allows for highly efficient cooling path designs that in turn reduces mold cycle time and increases overall product quality. Compression molding allows for the simulation of large, light weight components with high quality surface finish needs, such as automotive vehicle panels.

Autodesk, AutoCAD, Autodesk Inventor, Inventor, AutoCAD Raster Design, Autodesk ReCap, Autodesk Simulation Mechanical, Autodesk Simulation CFD, Autodesk Simulation Moldflow, Autodesk Vault, Autodesk 360, Navisworks, Navisworks Manage and Revit are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and services, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

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