

Top Reasons to Buy Autodesk Factory Design Suite

Combine the Power of AutoCAD with the Benefits of Digital Prototyping

Autodesk Factory Design Suite is an integrated factory layout and optimization solution built specifically to help you design and communicate the most efficient layout by creating a digital model of your factory. It enhances AutoCAD and Autodesk Inventor software with exclusive access to interoperable layout workflows and factory-specific content that help improve design efficiency, accuracy, and communication.

Now Is the Time

Learn how Autodesk Factory Design Suite can accelerate your factory layout process at www.autodesk.com/factorydesignsuite.

> Use the Industry's Best Design Tools

Autodesk® Factory Design Suite includes a comprehensive set of compatible 2D and 3D design tools that are among the industry's most respected and widely used, including AutoCAD® and Autodesk® Inventor® software. The interoperable software in the suite automatically converts 2D drawings into 3D layout models and lets users integrate reusable 3D models of machine and factory components, making it easier to try different layout scenarios digitally and find the optimal layout solution. This cost-effective suite gives machine and equipment builders, engineering service providers, and manufacturers everything they need to design, visualize, and communicate highly efficient factories before they are built.

> Enhance Your Existing AutoCAD Workflow

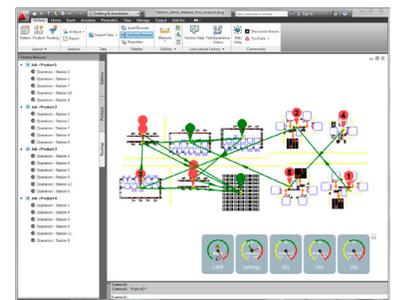
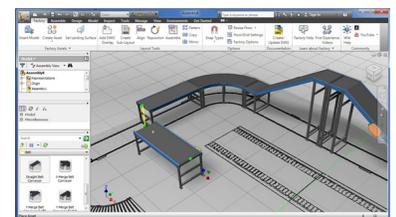
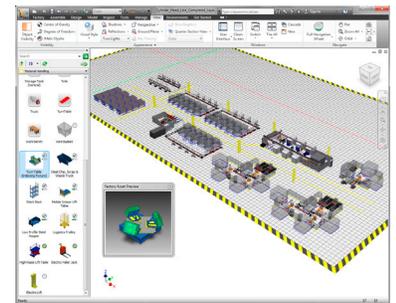
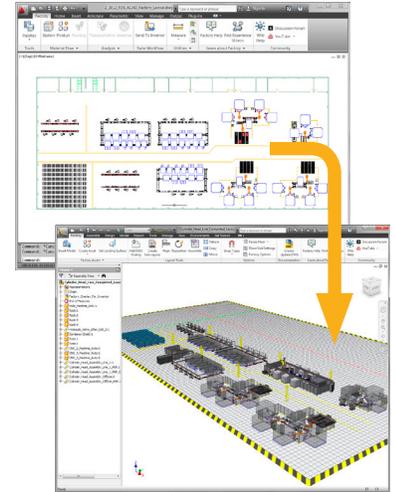
AutoCAD and Autodesk Inventor software, included in Autodesk Factory Design Suite, provide exclusive factory-specific functionality that helps you create layout designs much more quickly than with traditional AutoCAD workflows. Autodesk Factory Design Suite supports the DWG™ file format and makes it easy to move from your familiar AutoCAD 2D environment and experience the benefits of 3D CAD. That means you can continue to use valuable legacy data and improve your workflow without making drastic workflow changes.

> Speed the Factory Layout Design Process

Autodesk Factory Design Suite includes factory-specific commands and a focused environment for rapidly designing factory layouts optimized for efficiency, quality, and flexibility. Smart facility objects—such as walls, doors, windows, and column grids—make it easy to resize and edit each model based on your layout requirements. Incorporate point cloud scans to capture the as-built state of your factory, drastically reducing time spent on manual measurement. Quickly access a large library of parametric factory content—conveyors, material handling equipment, robots, electrical equipment, and more—instead of creating them manually. Or create accurate digital prototypes of custom assets with built-in intelligence, such as connectors and a landing surface that allow for easy placement in your layout environment. You can even include models from suppliers in your layout regardless of CAD format, shrink-wrapping and stripping them of unwanted details.

> Go Lean by Optimizing Factory Design

Get leaner manufacturing operations by using Factory Design Suite to improve the efficiency of your factory design. Analyze your layout for efficient material flow, machine utilization, and energy consumption in the early stages of layout design. Identify non-value-added costs incurred by transporting material within the factory, and quickly consider multiple what-if scenarios to optimize your layout. Improve manufacturing flexibility and efficiency by designing factory layouts that help reduce waste in all forms.



> **Identify Potential Issues Before Commissioning**

Manage and aggregate a multitude of disparate data from different equipment providers into one model so that you can optimize factory layouts and manufacturing operations. Validate and qualify manufacturing equipment, conduct clash analysis, and check for clearances digitally before you make any expensive capital equipment commitments.

> **Spend More Time Innovating and Less Time Drafting with Bidirectional Associativity**

With Autodesk Factory Design Suite, you can create installation drawings directly from a validated and optimized digital factory model and decrease the time you now spend manually creating and updating installation drawings. Change it once, change it everywhere. Because drawings and 3D factory layout models are associative, they automatically update whenever layout design changes. With comprehensive tools for generating accurate engineering and installation documentation directly from the 3D model, Factory Design Suite can help you spend more time innovating and less time drawing.

> **Use Powerful Visualization Tools to Win More Business**

Instead of delivering 2D drawings to win bids, impress potential clients and stakeholders with 3D layout models that they can easily and securely view from their mobile device or online. Autodesk Factory Design Suite makes it easy for nontechnical stakeholders to view and understand your layout design intent with immersive, interactive animations and stunning photorealistic renderings of 3D layouts so you can profitably win more bids.

> **Take Advantage of Autodesk 360 for 3D Asset Publishing, Sharing, and Storage**

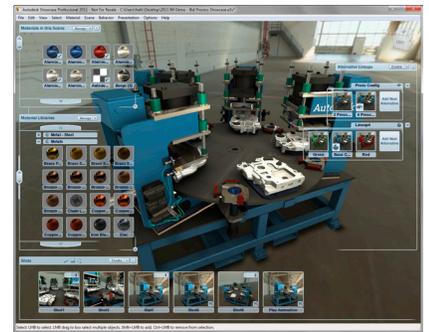
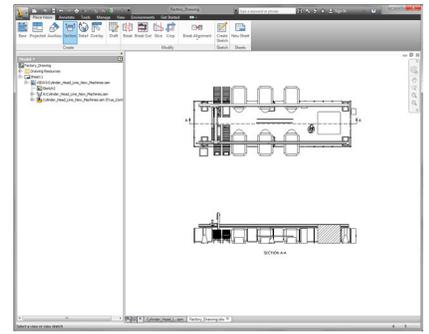
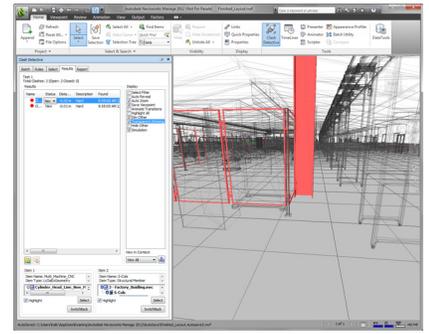
View a factory layout anytime, anywhere, using Autodesk® 360 on your mobile device or online. With Autodesk 360, Factory Design Suite users can manage their assets, collaborate, and share layout designs with various stakeholders online via the DWF™ file format. Both public and private sharing capabilities make it easy to collaborate internally or share with external stakeholders.

> **Get Exceptional Value and Reduce the Burden on Your IT Department**

The MSRP* of Autodesk Factory Design Suite represents a significant value, and by rolling out a single standard suite of factory design tools instead of individual products, your IT department saves significant time on software installation, deployment, and management.

> **Extend Value with Autodesk Subscription**

Autodesk® Subscription gives you an advantage with powerful cloud-based services, upgrades to the latest software releases, online technical support, and flexible licensing privileges.** Learn more at www.autodesk.com/subscription.



*Value represents total MSRP of most closely matched products, as licensed for stand-alone use. Applicable design suites are licensed for installation and use of each component by one user to deliver additional workflow and functionality value as compared to the stand-alone individual products.

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