

Questions and Answers

For any manufacturer, machine builder, and systems integrator who needs to optimize layouts of machine lines or entire manufacturing facilities, Factory Design Suite offers unique Factory-specific functionality in AutoCAD and Autodesk Inventor software and combines them with powerful visualization and analysis solutions in one economical and convenient purchase.

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1. General Product Information

1.1 What is Autodesk Factory Design Suite 2012?

Autodesk® Factory Design Suite 2012 is a 2D & 3D factory layout and optimization solution that helps you make better layout decisions by creating a digital model of your factory.

It provides tools for optimizing 2D layouts for efficient material flow, integrating 2D layout data with 3D models of machine and facility components, and 3D factory-specific visualization and analysis to help teams make better layout decisions before any equipment is installed.

Only Factory Design Suite offers unique factory-specific functionality in AutoCAD and Autodesk Inventor and combines them with powerful visualization and analysis tools that can help foster greater collaboration, flexibility, and innovation when responding to changing business requirements

1.2 What are the benefits of Autodesk Factory Design Suite?

Autodesk Factory Design Suite can help machine and equipment builders, system integrators, and manufacturers to better design, optimize, and visualize Factory layouts in order to:

- **Win more business**—Help decision makers visualize layout proposals in 3D instead of multilayered 2D drawings
- **Meet compressed project schedules**—Move from 2D conceptual layout, to Factory model, to creating a 3D virtual fly-through in less time than traditional 2D layout methods
- **Optimize the Factory layout process**—A Factory focused solution enables you to transform facility layout liabilities into profit-generating assets and take advantage of modern laser scanning workflows
- **Collaborate more effectively with suppliers and partners**—Reduce installation risks by analyzing the digital Factory model for clashes and space constraints digitally, before they become problems onsite

1.3 What products are in Autodesk Factory Design Suite?

Autodesk Factory Design Suite is available in three editions: Standard, Premium, and Ultimate. Each edition builds on the previous one with additional products for specialized workflows.

Included Software Products	Autodesk Factory Design Suite Standard 2012	Autodesk Factory Design Suite Premium 2012	Autodesk Factory Design Suite Ultimate 2012
AutoCAD® Architecture 2012	√	√	√
AutoCAD® Mechanical 2012	√	√	√
Autodesk® Showcase® 2012	√	√	√
Autodesk® Vault 2012	√	√	√
Autodesk® Factory Design Suite Utilities	√	√	√
Autodesk® Inventor® 2012		√	
Autodesk® 3ds Max® 2012		√	√

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Autodesk® Navisworks Simulate 2012		√	
Autodesk® Navisworks Manage 2012			√
Autodesk® Inventor® Professional 2012			√

1.4 When will the Autodesk Factory Design Suite be available?

The Factory Design Suites 2012 are scheduled to ship on or after April 14, 2011.

1.5 Will there be cross grades from standalone products to the Factory Design Suite available?

There are a variety of cross grades available to go from standalone products, such as AutoCAD and Inventor, to the Factory Design Suite, please contact your reseller for more details. To find a reseller near you click here www.autodesk.com/reseller.

1.6 How do I know which Factory Design Suite is right for me?

The Factory Design Suite is available in three different editions, providing the flexibility for manufacturers and system integrators to choose the one that suits their needs best. To choose which edition is right for you, please visit www.autodesk.com/factorydesignsuite for more detailed information.

1.7 What is the cost of the Factory Design Suites and how do I buy?

Savings Calculator*	Autodesk Factory Design Suite Standard	Autodesk Factory Design Suite Premium	Autodesk Factory Design Suite Ultimate
Price of Suite	\$5,495	\$6,495	\$9,995
Price if Products Purchased Individually	\$10,485	\$20,470	\$29,270
<i>\$ Savings</i>	<i>\$4,990</i>	<i>\$13,975</i>	<i>US \$19,275</i>
<i>% Savings</i>	<i>48%</i>	<i>68%</i>	<i>65%</i>

All editions of the Autodesk Factory Design Suite are sold through an Autodesk -authorized value-added resellers. Our resellers are certified to provide the highest level of customer service, including product training, implementation services and support. Click here to find one near you: www.autodesk.com/reseller .

2. Technology

2.1 What are the key capabilities of the Factory Design Suites?

Factory Design Suites help users spend more time innovating and less time drafting with the following key features:

- **2D and 3D visual layout environment**—Easily try “what-if” scenarios by dragging and dropping 3D models of machine and facilities content on top of your 2D floor plan.

- **Large library of Factory assets**—Access out-of-the-box 2D, and 3D parametric, Factory content such as conveyors, material handling equipment, and facility equipment that can be resized and reused.
- **Factory asset builder**—Use Autodesk Inventor software to create 3D models of Factory equipment, or easily import Factory assets from suppliers to include in your layout.
- **Factory design efficiency**—Improve your digital Factory design efficiency by automating manual repetitive tasks such as creation of plan views and section views of the layout, and save time on tape measurements by leveraging laser scanning in your layout workflows.
- **3D Factory visualization and analysis**—Collaborate better with immersive high-quality renderings and visualizations and explore digital Factory layouts with interactive 3D virtual walk-throughs and fly-throughs.

For more information on the capabilities of Factory Design Suite please visit

www.autodesk.com/factorydesignsuite .

2.2 What are the system requirements for Factory Design Suite?

For a complete list of system requirements for the Autodesk Factory Design Suite please refer to: www.autodesk.com/factorydesignsuite.

2.3 Is Factory Design Suite supported on Windows 7?

Yes, please see the system requirement link above.

3. Installation, Configuration, and Licensing

3.1 Is the Factory Design Suite available as a standalone and network license?

Yes, Autodesk Factory Design Suite is available for both stand-alone and network licensing. Licensing is handled through standard Autodesk licensing processes using Autodesk Licensing Manager (ADLM). Customers who purchase multiple network licenses for suites that have common products and are only able to access a subset of prior version copies can get their full prior version entitlement by contacting their reseller or visiting <https://registeronce.autodesk.com> to have the licenses reissued.

3.2 Do all products in the Factory Design Suite need to be used on the same workstation?

Yes, the software applications within an Autodesk Factory Design Suite license can only be installed on a single computer. They cannot be split across multiple workstations.

3.3 How do I activate my software?

Through the activation and registration interface, you can activate 24 hours a day, seven days a week, over the Internet or via email. Either option takes only a few steps to complete and requires your serial number and registration information.

3.4 What if I have more than one computer? Can I use my software on multiple machines?

Autodesk recognizes that some users may need to operate the software when they are away from their usual work location. To accommodate this need, the product activation technology allows an employee to install the software on a second computer owned by the employee's company, provided it is for use away from the employee's usual work location, the software is used only by that employee and no other, and only one of the two copies of the software is ever in use at any one time. Consult the Autodesk Software License Agreement for details about using the software on a second computer.

* may be a subscriber only benefit

3.5 Where can I find more information about software activation?

More information on product activation can be found at www.autodesk.com/activation.

4. Compatibility and Interoperability

4.1 How do the products within the Factory Design Suites work together?

Factory Design Suite includes the Autodesk Factory Design Suite Utility that adds factory specific functionality to both AutoCAD and Inventor and combines them with powerful visualization tools like 3Ds Max and engineering review tools like Autodesk Navisworks so you can experience your factory before it gets built.

Autodesk Factory Design Suite Utility adds the following factory-specific functionality in AutoCAD:

- 2D layout optimization for material flow efficiency
- Provides large library of factory content

Autodesk Factory Design Suite Utility adds the following factory-specific functionality in Inventor:

- The ability to create accurate factory models with a pre-defined floor
- Drag and drop 3D models of factory assets on top of your 2D floor plan
- Includes Large library of 3D parametric factory content
- Ability to add smart connection points and landing surface definitions on the asset
- Automatically convert 2D drawings into 3D layouts

5. Training and Support

5.1 How do I obtain technical support?

Direct technical support is available from both Autodesk and Autodesk Authorized Resellers.

Furthermore, Autodesk Subscription is a comprehensive software, support, and training package that simplifies your technology upgrades and boosts your design productivity. Purchase of Autodesk Subscription includes web support from Autodesk technical experts for all your installation, configuration, and troubleshooting questions.

To learn more about Autodesk Subscription, contact your Autodesk Account Executive or your Autodesk Authorized Reseller or visit www.autodesk.com/subscription.

5.2 Is technical support available through Autodesk Subscription?

When you enroll your Autodesk Factory Design Suite software licenses in Autodesk Subscription, you are entitled to direct technical support via the web. Your Autodesk Distributor, Autodesk Authorized Reseller, or Autodesk Retailer can provide you with Autodesk Subscription enrollment rules, terms and conditions, and program and pricing details for your location. For more information about Autodesk Subscription, visit www.autodesk.com/subscription.

5.3 How can I get training and learn more about Factory Design Suite?

There are multiple ways you can get additional information and training on Factory Design Suite:

- Please visit the Autodesk [Services and Support](#) page on Autodesk.com for more information regarding training tools and resources as well as finding an Autodesk Authorized Training center near you.
- Visit www.autodesk.com/community to connect with your peers as well as with Autodesk to learn, exchange and contribute to make you more effective as designers.
- Check out the Factory overview and demonstration videos on YouTube, search using “Autodesk Factory Design Suite” as the keyword.
- Watch videos, engage in discussions and learn tips and tricks on <http://wikihelp.autodesk.com>, a site focused on collaborative learning community for users.

5.4 Can I try Factory Design Suite before I buy it?

Yes, a fully functioning version of Autodesk Factory Design Suite is available as a free* 30-day trial at www.autodesk.com/factorydesignsuite .

6. Subscription

6.1 Is subscription available for purchase with Factory Design Suite?

Autodesk Subscription is available for purchase with all editions of the Factory Design Suite. For availability of Subscription with Gold Support please contact your reseller for more information.

6.2 What benefits does subscription offer? What about gold support?

Autodesk Subscription allows customers to extend the value of their software investment with access to the latest releases and web services that can help improve design workflows. Additional benefits that enhance productivity include expedited technical support and flexible licensing options.

Autodesk Subscription

Software maintenance and support program that includes:

- Access to software upgrades released during the Subscription term.
- Flexible licensing rights to current and previous versions of software
- Exclusive Subscription Advantage Packs, web services, and additional product enhancements
- Online tracking and management of support cases
- Lower total cost of ownership

Autodesk Gold Subscription

All standard Autodesk Subscription benefits plus the following:

- Phone support for up to four authorized callers
- More aggressive initial response target
- API support

6.3 How can I access my subscription benefits?

Simply login to the Subscription Center at www.autodesk.com/subscriptionlogin to begin accessing your Subscription services.

*This product is subject to the terms and conditions of the end-user license agreement that accompanies this software.

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