

Autodesk Building Systems 2005



Questions and Answers

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1. General Product Information

1.1 What is Autodesk Building Systems?

Autodesk® Building Systems 2005—designed specifically for building systems engineers—helps you increase productivity, enhance accuracy, and improve coordination through all phases of the building process. Based on AutoCAD® software, Autodesk Building Systems provides powerful features that give you more time to focus on design instead of on drafting. You can continue to design in 2D, while benefiting from the automatic creation of a 3D building information model. Through effective implementation of Autodesk Building Systems, you get the productivity of automated drafting tools, the accuracy of intelligent engineering data, and the coordination of high-quality construction documents.

Autodesk Building Systems—unify your drawing, designs, and analysis in one comprehensive solution.

1.2 What are the top 10 features in Autodesk Building Systems 2005?

- **Engineering Data for Analysis:** Eliminate tedious manual data transfer by directly accessing engineering data in your model for design calculations and analysis. Automatically size ducts based on traditional duct design methods—equal friction and static regain—, size pipe for water supply and sanitary waste piping systems based on fixture unit and plumbing code requirements, and size wires based on customizable engineering data, such as conductor sizes, material, insulation, and temperature ratings. Extract engineering design data from your models in standard file formats, such as gbXML and application programming interfaces (API), for interoperability with third-party analysis applications to ensure the accuracy of your designs.
- **Interference Detection:** Take advantage of intelligent objects in a building model to gain feedback about your design. Automatically detect spatial interferences between objects in the same drawing or through xrefs. Interference detection makes it easier to locate collisions between building systems objects and structural members to increase design accuracy and minimize errors in the field.
- **Construction Documents:** With the click of a button, simply change the display of your designs to quickly and easily produce many construction drawings from just one model. Because each view is based on your design, you can be assured that any change is reflected throughout all views of your design data. Enhanced drawing management tools coordinate all elevations, sections, schedules, sheet numbers, sheet indexes, callouts, and general annotations resulting in sheet sets that can be fully managed, plotted, published, transmitted electronically, and archived.
- **Engineering Spaces and Zones:** Automatically generate engineering spaces from 2D architectural floor plans or design drawings to produce room information, complete with square footage and volumes. By defining loads, design temperatures, and airflow rates, and grouping into zones, engineering spaces can eliminate the need to manually transferring design data for load calculations and building energy analysis.
- **Automated Schedules and Design Data:** Schedules are dynamically linked to your design data, automatically updating as you design changes, increasing productivity while reducing the chance for errors. Export the design data, such as size, manufacturer and other engineering data stored on the intelligent objects in your model, to Microsoft® Access, where the data can be viewed, sorted, and queried for specific design needs, such as quantity takeoffs and cost estimations.
- **Standards-Based Parts:** Autodesk Building Systems provides extensive catalogs of parts, such as fittings, equipment, and fixtures, based on common industry standards for increased accuracy throughout your designs. With i-drop® technology you can add

parts to your design by dragging content directly from manufacturers' websites. Content creation tools support the creation of custom parts on the fly. And with the new MvPart Convert feature you can now convert 2D blocks into parts that logically connect to your designs, enabling you to effectively use 2D architectural drawings.

- **Automated Duct, Pipe, Cable Tray and Conduit:** Help increase your productivity with intuitive design tools that automate much of the process of laying out duct, pipe, cable tray, and conduit. The software provides suggested layout solutions, automatically inserts the most commonly used fittings, and maintains angles via a navigational compass. Unique "snaps" help locate connection points quickly and accurately. Because you are creating objects based on industry standards instead of a series of unrelated lines, arcs, and circles, modifying your design is much easier. The result is a more accurate design that models a real-world installation, helping to reduce errors and minimize project design time.
- **Isometric and Plan Schematics:** Quickly produce riser, one line, logic, and process and instrumentation diagrams without the hassles of trimming lines and rotating blocks. With a customizable collection of 2D schematic symbols and automated tools—including extensive content, isometric layout, and orthogonal layout—creating isometric and plan schematics is easy.
- **Sections and Elevations:** For a streamlined design process, use new tools to quickly create section and elevation marks that are integrated with the automated creation and annotation of section and elevation views. Because sections and elevations are dynamically linked to your model, all views update automatically when your design changes, eliminating the tedious task of updating them manually.
- **Publishing Tools:** New publishing tools provide an efficient way to distribute and share your design information, as well as your drawings, with your extended design team or other industry professionals. Publish customized part catalogs directly to the web to maintain consistency; publish models and engineering data to the Autodesk MapGuide® software to provide quick access to design information for the operation and maintenance of your building systems; or publish designs in DWF™ (Design Web Format™) file format for review and redlining while protecting drawings from unauthorized changes.

1.3 What are the primary benefits of Autodesk Building Systems software?

- **Productivity—Increase Efficiency by Reducing Tedious Drafting Tasks:** Autodesk Building Systems offers an easy way to develop and document mechanical, electrical, plumbing, and fire protection systems. With intelligent engineering objects—such as ducts, pipes, and wire—that interact logically, Autodesk Building Systems provides many tools that automate tedious drafting tasks, helping to save you time and money. You can easily access tools and make changes directly in an intuitive workspace, providing a smoother means of design.
- **Accuracy—Streamline Your Design Process with Fewer Errors:** Designs in Autodesk Building Systems are coordinated with your construction documents, eliminating time-consuming, nonproductive drawing reviews, so you have more time for design. Extensive libraries of industry-based parts and equipment integrated into engineering-specific tools make the documentation process more efficient by helping to reduce errors and omissions. Built-in design calculators and the ability to extract design data in standard file formats eliminates the need for manual data transfer and helps ensure that the work you do in design development is available for immediate use during the documentation process.

- **Coordination—Work Effectively with Extended Design Team:** With Autodesk Building Systems you see a representation of the constructed system during the design process, resulting in better coordination among your extended design team. Since your designs are linked to construction documents, coordinating changes is easier, reducing design cycle time and helping avoid costly design changes in the field. Because Autodesk Building Systems is interoperable with other Autodesk building design solutions—such as AutoCAD® software, Autodesk Architectural Desktop, and the Autodesk® Buzzsaw® service—data sharing among the extended design team has never been easier, resulting in better coordination between engineers, architects, and builders.

1.4 Who should consider purchasing Autodesk Building Systems?

Those who should consider Autodesk Building Systems include professionals from MEP engineering firms and architecture-engineering firms for its benefits as a design and construction documentation tool. Building owners as well as contractors can also benefit from using this product to reduce coordination issues, since the MEP disciplines are often involved in expensive and time-consuming field coordination problems. It is suitable for commercial, residential, and institutional design and construction.

1.5 Do I need to purchase Autodesk Architectural Desktop 2005 in order to run Autodesk Building Systems 2005?

No. Autodesk Building Systems 2005 is built on the same technology as Autodesk® Architectural Desktop 2005—which includes all AutoCAD 2005 functionality—providing an all-in-one MEP solution. You do not need to purchase separate licenses of those products to use Autodesk Building Systems 2005. Of course, in the context of your organization's overall needs, some combination of these products, as well as the Autodesk® Revit®, may be the best solution. Your local Autodesk Authorized Reseller (www.autodesk.com/reseller) can help guide you toward the optimal solution.

1.6 Has the Autodesk Building Systems user interface changed?

The user interface continues improvements seen in Autodesk Building Systems 2004. The streamlined user interface introduced in that release improves on other design software in look, feel, and overall functionality. Highly visual, simpler, and more intuitive, the interface helps you increase productivity using engineering-specific tools that make the software easier to use. The interface puts less focus on dialog boxes and more emphasis on designing directly in the workspace. Design tools are easily accessible. Furthermore, enhanced tool palettes and the Properties palette as well as the new Content Browser complement this redesigned workspace to help you work more efficiently.

1.7 Is there an easy way to “flatten” designs so I can share them with project team members who are not using Autodesk Building Systems 2005?

Yes. The Export to AutoCAD feature “flattens” the design to basic AutoCAD entities, making it easy to collaborate with members of your extended design team who may not be using Autodesk Building Systems software. This release supports export to AutoCAD 2004/2005 and AutoCAD 2000 DWG and DXF™ formats, as well as Release 12 DXF format, making it possible for users of AutoCAD 2000, 2000i, 2002, and 2004 to open Building Systems 2005 files without using object enablers.

1.8 How can drawing management features improve project coordination?

Releases earlier than Autodesk Building Systems 2004 simply enabled you to manage projects using existing standards for manually organizing file structure and xref relationships. While continuing to respect your practices and standards, Building Systems 2005 supports Autodesk Architectural Desktop's drawing management feature for users who want to take advantage of automated project, drawing, and level management. For those

familiar with AutoCAD 2005, the Sheet Set Manager feature of that product has been integrated into the Project Navigator. New sheet management and callout functionality coordinate sheet numbers, callouts, sections, and elevations making it easy to manage, plot, and archive your sheets.

2. Technology

2.1 What is building information modeling and how does it apply to Autodesk Building Systems?

Building information modeling (BIM) is an innovative approach to building design, construction, and management introduced by Autodesk in 2002. BIM delivers high-quality project design information, dramatically reducing inefficiencies and risk throughout the building process. The ability to keep this information up-to-date and accessible in an integrated digital environment gives architects, engineers, builders, and owners a clear vision of their projects, as well as contributing to the ability to make better decisions faster—helping raise the quality and increase the profitability of projects.

Although building information modeling is not itself a technology, it does require suitable technology to be implemented effectively. Autodesk Building Systems is built on object CAD technology, adding intelligent engineering objects to the familiar AutoCAD platform. It can deliver building information modeling benefits with significantly less effort than CAD technology. Since it is built on AutoCAD, however, it can also be used productively for design and documentation in a traditional drafting or CAD-based workflow unrelated to building information modeling.

For more information about building information modeling and Autodesk's strategy for the application of BIM to the building industry, see the white paper at www.autodesk.com/bim.

2.2 What are intelligent engineering objects?

Intelligent engineering objects know their form, fit, and function in your design and therefore behave like physical objects. The ObjectARX® technology used in Autodesk Building Systems improves software performance, ease of use, and flexibility in design. These intelligent objects, like cable tray, duct, and pipe, respond directly to standard AutoCAD editing commands, so they are easy to manipulate as you design. And they display according to context and interact with other building objects intelligently.

2.3 Why should I be interested in the 3D capabilities of Autodesk Building Systems?

As you design with intelligent engineering objects, the data to support a 3D model is automatically generated. Therefore, by creating a 3D model of ductwork, piping, plumbing, and electrical systems, you can check for interference, create an accurate bill of materials, and visualize the interaction between building systems and the building structure. Downstream contractors can use models to create shop drawings, and the building owner can use them for facilities planning and management. Coordinating, communicating, and visualizing designs with accurate 3D models can reduce errors and accelerate the design process.

2.4 What content is provided with Autodesk Building Systems?

Autodesk Building Systems provides extensive collections of parts, such as fittings, equipment, and fixtures, based on common industry standards for increased accuracy throughout your mechanical, electrical, plumbing and fire protection designs. The following is a sample of the content included in the box with Autodesk Building Systems 2005:

Mechanical	Electrical	Plumbing	Fire Protection
Pumps	Switches	Floor drains	Sprinkler heads
Tanks	Motor control centers	Hot water heaters	Control valves
Valves	Switchboards	Filters and strainers	Fire pumps
Dampers	Junction boxes	Water fountains	
Diffusers	Termination boxes	Tanks and regulators	
Grilles	Emergency generators	Showers, sinks, lavatories	
Registers	Transformers and UPS	Toilets, tubs, urinals	
Silencers	Variable frequency drives		

If your designs call for unique parts, Autodesk Building Systems also provides several ways to create custom content, including the Content Builder for creating block-based or parametric fittings and equipment, and styles that provide a quick and easy way to create electrical devices and schematic symbols. In addition, Autodesk Building Systems 2005 provides i-drop technology, which enables you to download content from manufacturers' websites such as www.marinsoft.com.

2.5 Does Autodesk Building Systems support metric content?

Yes. Autodesk Building Systems supports both U.K.- and U.S.-based metric content. The metric content provided in the catalogs is a solid foundation for other metric standards that differ from the U.S. standard, which is based on GSA (General Services Administration) guidelines. Since all part libraries are based on a combination of XML and DWG file descriptions, parts are open for customization and development. Content tools, such as Content Builder, provide the ability to easily create parts and modify the existing content using your local standard metric dimensions.

2.6 Does the plumbing piping work with plumbing fixtures laid out in Autodesk Architectural Desktop?

Not directly; however, the new MvPart Convert feature enables you to effectively use Autodesk Architectural Desktop drawings, as well as other 2D architectural drawings, by converting blocks into intelligent building system parts, such as fixtures, that can be logically connected to your system designs.

2.7 Does Autodesk Building Systems 2005 include automated routing features?

Yes. Now you can preview the bends and turns in duct, piping, conduit, or cable tray systems before you lay them out. Because fittings are automatically inserted as you draw, you can concentrate on the design as a whole instead of on individual system components. A suggested layout path capability suggests routes for ductwork, piping, conduit, and cable tray between two known points, based on your default parts and layout preferences. This feature saves you valuable design time by minimizing tedious drafting tasks like stretching and erasing.

2.8 Does Autodesk Building Systems 2005 include calculation and analysis tools for engineering design?

Yes. The objects and framework in Autodesk Building Systems support engineering calculation and analysis through the use of connection graphs and property sets.

- **Mechanical:** Size duct automatically while laying out ductwork based on traditional duct design methods, equal friction, and static regain.
- **Electrical:** Use circuit tools to automatically total circuit and power loads, generate circuit reports that can be directly exported to a bidirectional Microsoft® Excel spreadsheet where you can quickly size wires, panels, and main service lines, and use

the Circuit Manager to automatically flag overloads based on calculated loads and circuit lengths.

- **Plumbing:** Size supply piping (hot and cold domestic water) and sanitary waste with automated tools based on customizable plumbing code and fixture unit pipe-sizing tables.

Autodesk Building Systems 2005 also provides new tools that extract the engineering data from your models in standard file formats, such as gbXML, and application programming interfaces (API) for compatibility with third-party analysis applications, as well as with Microsoft® Visual Basic®, Microsoft Excel, and Microsoft Access. For information about the availability of third-party applications compatible with Autodesk Building Systems 2005, visit www.autodesk.com/buildingsystems-partners.

2.9 How can I check for interferences?

There are two ways to check for interferences. The first method is by visually inspecting the 3D model from different perspectives. The second method is by turning on the Interference Detection setting. This tool highlights conflicts between building systems objects and structural members, even across xrefs. This capability is especially helpful for large projects that have extensive building systems.

2.10 How easy is it to create construction documents?

Autodesk Building Systems display configurations enable you to use the same objects to create single-line, two-line, and reflected ceiling display representations with the click of a button. With automated section and elevation tools, you can create additional views of your building model when a simple plan view isn't adequate. And because you are using the model to create the section, you can be assured that the design data and construction documentation data remain consistent. Setting different views of the same building model gives you customized construction documents without the need to redraw anything, so you can focus on design rather than on tedious drawing work.

2.11 How does Autodesk Building Systems address the need for flow diagrams and detailed schematics?

Autodesk Building Systems has a group of features devoted to schematic diagrams. With the schematic tools, you can create detailed schematics of chilled water systems, air systems, electrical power riser diagrams, plumbing details, and even different isometric diagrams. All the schematic symbols provided with Autodesk Building Systems have intelligent connectors that can anchor to a schematic line so you can connect to schematic lines without the time-consuming hassle of trimming lines, rotating symbols, or repairing broken lines.

Isometric mode enables you to quickly layout isometric diagrams by automatically adjusting symbols and lines to the correct iso-plane, and new direct onscreen modification tools enable you to easily change the plane orientation, rotation, and location of schematic symbols on-the-fly, saving you time by minimizing tedious drafting tasks.

2.12 Can I automatically create schedules using the engineering objects in a drawing?

Yes. Using the scheduling routines in Autodesk Building Systems, you can automatically create schedules of building systems components from the design data in the drawing. When you modify design data, schedules automatically update to reflect those modifications. Schedules can now be generated across xrefs and in paper space, making it possible to schedule an entire building model created using the new drawing management feature. This capability helps ensure accuracy through coordination of design information as the project evolves.

In addition, you can also export schedule data to Microsoft Access, where the data can be viewed, sorted, and queried for specific design needs, such as quantity takeoffs and cost estimations.

2.13 How easy is it to edit the system after it is drawn?

Autodesk Building Systems features intelligent objects that interact with their “neighbors” through connectors to become intelligent systems. You can easily modify whole runs, such as a duct or pipe run, using the relationships established by these connectors. Direct onscreen modification tools, such as grips, enable you to quickly modify objects, such as electrical devices, while maintaining connectivity. The intelligent objects and connectors provided with Building Systems greatly simplify this kind of modification.

2.14 Can Autodesk Building Systems use the capabilities of Autodesk Architectural Desktop, such as walls, doors, and windows?

Yes. After installing Autodesk Building Systems you have access to all Autodesk Architectural Desktop commands. To access the menus, from the Window menu choose Pulldowns and select ADT menus. Additional tool palette groups are also provided to quickly change between architectural, structural, and engineering-specific tools.

3. Compatibility

3.1 How do I view Autodesk Building Systems files with Autodesk Architectural Desktop or AutoCAD software?

Autodesk Building Systems 2005 ships with an object enabler that makes viewing Building Systems designs possible with both Architectural Desktop 2005 and AutoCAD 2005. To view Autodesk Building Systems 2005 designs in previous Architectural Desktop, Building Systems or AutoCAD versions, you can use the Export to AutoCAD feature.

3.2 What is the Autodesk AEC Object Enabler?

The Autodesk® AEC Object Enabler is a free downloadable and distributable utility that gives an AutoCAD user the functionality and flexibility of viewing Autodesk Building Systems designs. With the proper version of the AEC Object Enabler, any AutoCAD 2000, 2000i, 2002, 2004, or 2005 user can have full viewing compatibility with Autodesk Building Systems objects. The AEC Object Enabler is included with Building Systems 2005. For more information and to download the AEC Object Enabler, go to www.autodesk.com/aecobjecten.

3.3 Is Autodesk Building Systems 2005 compatible with earlier releases of Autodesk Building Systems?

Earlier versions of Building Systems are forwards-compatible with the current release; i.e., designs created in earlier versions of Autodesk Building Systems easily migrate to the current release of Building Systems.

Because there has been a file format change, Autodesk Building Systems 2005 is *not* backwards compatible with earlier releases of Building Systems. However, files created in Autodesk Building Systems 2005 can be saved as DWG files that can be viewed by versions of Autodesk Building Systems based on pre-2005 AutoCAD platforms.

3.4 Can I run Autodesk Building Systems side-by-side with other AutoCAD platform-based applications?

Yes, the current release of Autodesk Building Systems 2005 can be installed side-by-side with any other AutoCAD 2000i, 2002, 2004, or 2005-based product. These products include Autodesk® Architectural Desktop, Autodesk® Mechanical Desktop®, AutoCAD® Mechanical, Autodesk® Land Desktop, Autodesk Map™, and AutoCAD LT® software.

3.5 Is Autodesk Building Systems 2005 compatible with Third-Party Engineering Analysis Applications?

Yes. Through standard file formats, such as gbXML and application programming interfaces (API), engineering data can be extracted from Autodesk Building Systems 2005 models for interoperability with third-party analysis applications from industry leaders, helping to ensure the accuracy of your designs. For more information about the availability of third-party applications compatible with Autodesk Building Systems 2005, visit www.autodesk.com/buildingsystems-partners.

3.6 Does Autodesk Building Systems support fabrication?

Not at this time. However, several independent application developers have expressed an interest in providing this functionality at a later date.

4. Support and Training

4.1 We have recently implemented Building Systems 2004. How much training or retraining is required to effectively use Autodesk Building Systems 2005?

Autodesk Building Systems 2005 builds on concepts introduced in Building Systems 2004, enabling you to implement the new software with little or no retraining. Users proficient in Building Systems 2004 can get up and running immediately with Building Systems 2005. However, you may want to consider some training to take full advantage of the new features such as sheets sets and sizing calculators.

4.2 How do I obtain technical support?

Autodesk recommends that you contact your local Autodesk Authorized Reseller to obtain technical product support. To locate a reseller, visit www.autodesk.com/reseller.

Autodesk direct online support is available for subscription members, which delivers direct support via a web-based support interface, for the product extensions, upgrades, and updates received directly from Autodesk Subscription. For the latest information on Autodesk Subscription and its availability in your country, contact your Autodesk representative or visit www.autodesk.com/subscription.

In the Americas (United States, Canada, and Latin America), direct telephone support is available from Autodesk, on a fee-per-incident basis. Access to this service requires a major credit card. For pricing and access details, go to www.autodesk.com/safetynet.

You can also find a knowledge base of commonly asked support questions at www.autodesk.com/buildingsystems-support, or ask questions and read information about the use of Autodesk products in the peer-to-peer discussion groups on www.autodesk.com/discussion. Alternatively, Autodesk software manuals and documentation are a great source of answers to your support questions.

You can find a complete list of support options by product and country at www.autodesk.com/support-resources.

4.3 Is courseware available for Autodesk Building Systems?

Yes. Courseware is available for Autodesk Building Systems 2004 at this time, and courseware for Autodesk Building Systems 2005 is expected to be available within a few months after the release of the software. However, since the basic features and functionality have not significantly changed between releases, the Autodesk Building Systems 2004 courseware remains a valuable learning tool for Autodesk Building Systems 2005 users. Autodesk Building Systems courseware is available only in US imperial units at this time.

4.4 Where do I find training courses for Autodesk Building Systems 2005?

Check with your local Authorized Autodesk Reseller for a schedule of Autodesk Building Systems training classes. To locate a reseller, visit www.autodesk.com/reseller.

You can enroll in instructor-led training at Autodesk Authorized Training Centers around the world. These training centers use Autodesk Official Training Courseware (AOTC) to deliver comprehensive courses for Autodesk Building Systems 2005 users and other Autodesk products. To learn more, visit www.autodesk.com/autocad-atc.

4.5 What consulting services are available for Autodesk Building Systems 2005?

Autodesk Professional Services provides consulting offerings for project assessments, process audits, implementation services, networking setup, application porting and other custom services to help you get the best possible return on your investment in Autodesk technology. For more information on Autodesk Professional Services, contact your Autodesk Account Executive or your local Autodesk Authorized Reseller; or visit www.autodesk.com/professionalservices.

5. System Requirements and Installations

5.1 Do I need to buy new hardware to run Autodesk Building Systems 2005?

The system requirements for Autodesk Building Systems are as follows:

Minimum	Recommended
Intel® Pentium® 4 with 1.4 GHz processor, or AMD-K7® with 1.4 GHz processor	Pentium 4 with 1.7 GHz processor, or AMD-K7 with 1.7 GHz processor, or better
512 MB RAM	1 GB Ram
1.5 GB free disk space	2 GB free disk space
Microsoft® Windows® XP Professional or Home Edition (SP1 or later), or Windows 2000 (SP3 or later) operating system*	Windows XP Professional (SP1 or later), or Windows 2000 (SP3 or later) operating system*
1024x768 VGA video display	1280x1024 VGA video display
Windows video display driver with 16 MB RAM	Windows video display driver with 64 MB RAM
CD-ROM drive	CD-ROM drive

* Windows 95, Windows 98, and Windows NT® are no longer supported.

5.2 Are there any changes to the licensing for stand-alone versions?

Yes. SafeCast is now the stand-alone licensing technology used in Autodesk products worldwide. For customers in the United States and Canada this is a change in the stand-alone licensing. CD-Secure and SafeCast store licensing information on the user’s hard drive, typically on the hard disk. By implementing a new feature of SafeCast, a duplicate set of licensing information is stored in the computers registry that allows the licensing system to continue when errors render the hard-drive storage ineffective.

5.3 Have there been any improvements to software deployment through network licensing?

Enhanced FLEX/m® 8.3 software helps you get the full benefit from your Autodesk Building Systems 2005 licenses. With the license-borrowing feature you can install a time-limited license on your computer while disabling the license on the server for that same period. You can then run Building Systems 2005 without a connection to the license server.

Also note that improved side-by-side installation compatibility of Building Systems 2005 with other Autodesk applications makes it easier to provide more flexible and reliable network implementations of Autodesk Building Systems 2005.

5.4 Have there been any improvements to the Network Installation wizard?

Yes, the wizard now gives you the flexibility of pointing content and support files to various locations including a central location for everyone to access, freeing up hard-disk space on local machines. It also gives you the option of installing content and support files to a central location, various locations, or directly on the computer where the product is being installed, according to your best practices.

6. Availability

6.1 When is Autodesk Building Systems 2005 available?

Autodesk Building Systems 2005 is available worldwide in International English in April 2004.

6.2 Where can I purchase Autodesk Building Systems?

Autodesk Building Systems is available worldwide in Domestic and International English versions, both of which support use of imperial and metric units and provide imperial and metric standard content. In addition, a U.K. version is available for the Commonwealth market. Contact your local Autodesk Authorized Reseller or Distributor or Autodesk Systems Center for more information. To locate one near you, visit www.autodesk.com/reseller.

Autodesk Building Systems is also available through the Autodesk online store at www.autodesk.com/estore.

6.3 What are the benefits of subscription for Autodesk Building Systems 2005?

Autodesk Subscription is the easiest way to keep your Building Systems software up-to-date. For an annual fee, subscription provides a budget-conscious way to ensure you are always using the most current technology. Note that subscription is mandatory for the first year when purchasing a new license of Autodesk Building Systems. Benefits of the program include access to all upgrades and extensions that may be released during the subscription term at no additional cost, enabling you to access valuable content and product enhancements in a timely manner.

For added assurance you can choose to purchase Autodesk direct online support. For the latest information on the Autodesk Subscription Program, including availability and purchase requirements, visit www.autodesk.com/subscription or contact your local Autodesk representative.

autodesk®

Autodesk, Inc.
111 McInnis Parkway
San Rafael, CA 94903
USA

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