

Questions and Answers

1. General Product Information

1.1 What are Autodesk Land Desktop 2007, Autodesk Survey 2007, and Autodesk Civil 3D – Civil Design Companion 2007 software?

Autodesk® Land Desktop 2007, Autodesk® Survey 2007, and Autodesk® Civil 3D® – Civil Design Companion 2007 software are part of Autodesk's infrastructure solution: a family of products and services for mapping, civil engineering, surveying, and infrastructure management professionals. Autodesk's infrastructure design solution includes industry-leading products, support and training resources, and a flexible purchase model with a local sales and support channel. In addition, standard data formats and a trained user base give customers an advantage throughout the entire project lifecycle. They benefit by knowing that data will flow throughout the system; updates and new releases are in sync and work together; they have one contact for training, support, and operational issues; and they have one set of products that share a common look, feel, and concept.

Autodesk Survey 2007 and Autodesk Civil 3D – Civil Design Companion run on Autodesk Land Desktop 2007, which is based on AutoCAD® 2007 and components of Autodesk Map® 3D 2007 software. AutoCAD 2007 software provides new and enhanced features that help increase productivity through improved documentation, coordination, and publication of sheet sets. Improved document set coordination enables project team members to manage sheets in each sheet set and electronically transmit or archive sheets. AutoCAD 2007 also offers an automated, streamlined way to organize design data by publishing the sheet set to paper or DWF™ file format.

Autodesk Land Desktop 2007

Autodesk Land Desktop 2007 software combined with Autodesk Survey 2007 software forms the basis of a powerful infrastructure design solution for surveying, land planning, and construction projects of all types and sizes. These products provide the power and flexibility for a broad range of projects so that land planning, surveying, and drafting teams can use the same software—whether they're working on a road project, planning and designing a subdivision, or analyzing conditions for an environmental assessment such as a landfill.

Autodesk Land Desktop 2007 also includes Carlson Connect™ and Trimble® Link™ updates, for current survey equipment communication software. These updates provide support for survey equipment vendors and utilities to download and upload data from Autodesk Land Desktop 2007 and Autodesk Survey 2007.

Autodesk Civil 3D – Civil Design Companion 2007

Autodesk Civil 3D – Civil Design Companion 2007 extends Autodesk Land Desktop 2007 with powerful tools that automate and streamline complex and time-consuming civil engineering tasks. Design and analyze sanitary and storm drain systems. Evaluate and refine complex grading scenarios. Design roads quickly with interactive plan, profile, and sectional designs. Autodesk Civil 3D – Civil Design Companion 2007 was created with project collaboration in mind, so multiple team members can simultaneously access project data such as roadway alignments and pipe runs. Autodesk Civil 3D – Civil Design Companion 2007 includes all the features of AutoCAD 2007 software as well as specialized commands to create an integrated land planning tool.

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Autodesk Survey 2007

Autodesk Survey 2007 software streamlines and automates field data collection, cost-effectively closing the gap between gathering data and incorporating it into drawings using Autodesk Land Desktop. Interface with a broad variety of industry-leading data collectors, survey instruments, and GPS (global positioning system) receivers, and then work with tools and functionality in Autodesk Land Desktop to create accurate drawings quickly. Use field coding for automatic linework and mapping. Use Autodesk Survey 2007 to share survey data with civil engineering, GIS, and land-planning professionals. Autodesk Survey 2007 streamlines all aspects of data collection by minimizing keystrokes, saving time, and supporting the accuracy of field data. If you are new to the Autodesk Civil/Survey product offerings, check out Autodesk® Civil 3D® software to see a powerful civil engineering and surveying application that uses a dynamic engineering model designed to increase productivity.

1.2 What happened to Autodesk Civil Design?

As of January 14, 2005, Autodesk no longer offers Autodesk® Civil Design software as a stand-alone product. It is now sold under the name Autodesk Civil 3D – Civil Design Companion 2007 with the same product functionality. As with past versions, Autodesk Civil 3D – Civil Design Companion 2007 is an add-on to Autodesk Land Desktop 2007 that helps existing Autodesk Land Desktop/Civil Design users move to Autodesk Civil 3D at their own pace. If you are new to the Autodesk Civil product offerings, check out Autodesk Civil 3D to see a powerful civil engineering application that uses a dynamic engineering model designed to increase productivity.

1.3 What happened to Autodesk Civil 3D Professional?

As of April 17, 2006, Autodesk will no longer offer the Autodesk® Civil 3D® Professional software bundle. This software bundle provides existing Autodesk Civil Design users with the design functionality needed during the transition to Autodesk Civil 3D. The bundle included the Autodesk Civil 3D (which included the Autodesk Civil 3D – Land Desktop Companion) and the Autodesk Civil 3D – Civil Design Companion software products. When this bundle was purchased, the user would own licenses for the two included products.

Now that Autodesk Civil 3D 2007 includes all the design functionality previously addressed with Autodesk Civil 3D – Civil Design Companion, Autodesk will discontinue this bundle. Customers who have placed the individual products in the bundle on subscription will continue to receive subscription fulfillments for those products.

Note that customers can continue to purchase both Autodesk Land Desktop and Autodesk Civil 3D – Civil Design Companion. They can also opt to purchase Autodesk Civil 3D (which comes with the Autodesk Civil 3D – Land Desktop Companion) and Autodesk Civil 3D – Civil Design Companion.

1.4 What is Autodesk Civil 3D 2007?

Autodesk Civil 3D 2007 software is a powerful, mature, civil engineering application designed to significantly increase productivity, save time, and decrease costs. It uses an industry-proven dynamic engineering model that maintains intelligent object relationships. A change made in one place instantly updates the entire project, helping users complete transportation, site, sewer, storm drain, and subdivision projects faster and more accurately. All team members work from the same consistent, up-to-date model, so they stay synchronized throughout all project phases, including survey, design, drafting, reporting, analysis, and visualization. Enhanced consulting, training, third-party developer products, and application development tools form a powerful enterprise civil engineering solution. For information about Autodesk Civil 3D visit www.autodesk.com/civil3d.

2. Compatibility and System Requirements

2.1 Can customers run Autodesk Land Desktop 2007, Autodesk Civil 3D – Civil Design Companion 2007, or Autodesk Survey 2007 on a system that also has earlier releases of Autodesk’s civil, survey, or architectural products installed?

You can install Land Desktop 2007 on the same system with prior releases of Land Desktop. You can also install Land Desktop 2007 side by side with various versions of AutoCAD or Autodesk Civil 3D software (including 2005 and 2006) and with certain versions of AutoCAD platform-based, industry-specific products, including Autodesk® Mechanical Desktop®, AutoCAD® Mechanical, and Autodesk Map® 3D software. You can also install Autodesk Land Desktop 2007 with Autodesk® Architectural Desktop 2007.

Autodesk Civil 3D – Civil Design Companion 2007 and Autodesk Survey 2007 can be installed on a system that has prior releases of these products installed. However, to run Autodesk Civil 3D – Civil Design Companion 2007 and/or Autodesk Survey 2007, Autodesk Land Desktop 2007 software is required.

2.2 Are Autodesk Land Desktop 2007, Autodesk Civil 3D – Civil Design Companion 2007, and Autodesk Survey 2007 compatible with Autodesk Civil 3D 2007?

Yes, Autodesk Land Desktop 2007, Autodesk Civil 3D – Civil Design Companion 2007, and Autodesk Survey 2007 are compatible with Autodesk Civil 3D 2007.

2.3 Has the project data format changed with this release?

Autodesk Land Desktop project data such as surfaces, alignments, and parcel data is unchanged with the 2007 release. However, Land Desktop 2007 drawing files are stored using the new DWG format introduced in AutoCAD 2007. Just as with AutoCAD, Land Desktop users can save their drawings into previous versions of the DWG format.

2.4 Are there any changes to the Land ActiveX API?

There are no changes to the Autodesk Land ActiveX® API. For more information, refer to the “What’s New/Changed” section of the Land ActiveX API help file.

2.5 Does Oracle Spatial import/export support work with land objects (contours, points, grading objects, and so on)?

No. The Oracle® Spatial import/export function does not support these objects.

2.6 How are Autodesk Civil 3D drawings used in Autodesk Land Desktop?

Autodesk Civil 3D objects can be viewed in Autodesk Land Desktop but are not used directly in Autodesk Land Desktop 2007 operations. For example, an Autodesk Civil 3D surface object is not used directly with Autodesk Land Desktop 2007 grading or section extraction commands. Note that Autodesk Land Desktop 2007 includes a utility that converts any Civil 3D object into native Autodesk Land Desktop project data. For example, if a drawing contains alignments and parcel objects, the utility converts these objects into alignment and parcel project data that can then be used natively in Autodesk Land Desktop 2007.

2.7 Is Autodesk Raster Design compatible with Autodesk Land Desktop?

Yes, Autodesk Land Desktop 2007 supports Autodesk® Raster Design 2007.

2.8 How can I access Autodesk Civil 3D 2007 project data that has been checked into the new Civil 3D project management system?

Land Desktop customers on subscription can download the Autodesk® Vault Explorer from the Subscription Center. They can log onto the Vault Server to access the Civil 3D project data. Refer to the Vault help files for information on how to use the Vault Explorer.

2.9 Is Autodesk Land Desktop 2007 supported with Novell networks?

Land Desktop 2007 and earlier releases have not been tested in a Novell network environment. This environment is therefore not officially supported by Autodesk.

2.10 What are the system requirements for Autodesk Land Desktop 2007, Autodesk Civil 3D – Civil Design Companion 2007, and Autodesk Survey 2007 software?

The system requirements for Autodesk Land Desktop 2007, Autodesk Civil 3D – Civil Design Companion 2007, and Autodesk Survey 2007 are as follows:

- Intel® Pentium® IV processor recommended. For educational purposes or smaller design projects, a Pentium III processor, 800 MHz or greater, may be suitable.
- Microsoft® Windows® XP Professional or Home Edition SP2; Windows XP Tablet PC Edition SP2; or Windows 2000 SP3 or SP4 (SP4 recommended)
- 512 MB RAM
- 1 GB free disk space for installation
- 1024x768 VGA with true color
- Mouse, trackball, or compatible pointing device
- Microsoft Internet Explorer 6.0 (SP1 or higher)
- CD-ROM drive

3. Subscription and Supporting Programs

3.1 What are the benefits of Autodesk Subscription?

Autodesk Subscription is the easiest way for customers to keep their design tools and learning up-to-date. With Autodesk Subscription they get the latest releases of Autodesk software, incremental product enhancements, personalized web support direct from Autodesk technical experts, and self-paced training to help extend their skills. And with access to a range of exclusive community resources and members-only privileges, they can use the power of their design tools to the fullest and make the most of their technology investment. For more information, visit www.autodesk.com/subscription.

3.2 Where can I learn more about Autodesk Land Desktop, Autodesk Civil 3D – Civil Design Companion, and Autodesk Survey functionality, programs, and availability?

Additional product information and materials are available on OTW.

3.3 Where can I find out more about partner tools and applications that work with Autodesk Land Desktop?

Visit the Land Desktop Partner Tools page at www.autodesk.com/landdesktop-partnerproducts. Click the Autodesk Land Desktop link on the left navigation bar to find a list of tools and partner contact information. To access free downloads of Trimble Link and Carlson Connect, visit www.autodesk.com/landdesktop-tools.

4. Activation and Licensing

United States, Canada, and Latin America only

4.1 Is there any difference between Autodesk Land Desktop (commercial license) and Autodesk Civil 3D – Land Desktop Companion?

The product functionality is exactly the same. The only difference is that the companion license uses the Civil 3D serial number, registration, and authorization for both network and stand-alone installations.

4.2 Why am I not asked to register or activate my license of Civil 3D – Civil Design Companion 2007 and/or Autodesk Survey 2007?

Licensing has been removed for both Autodesk Survey 2007 and Autodesk Civil 3D – Civil Design Companion 2007. You are still expected to adhere to your license agreement and install only the number of licenses you have purchased. When used in a stand-alone environment, licenses of Autodesk Civil 3D – Civil Design Companion, Autodesk Survey, or both can be installed on only one computer at a time. It is not to be installed or used as part of a network deployment.

Users who purchase the network version of Autodesk Civil 3D – Civil Design Companion, Autodesk Survey, or both can deploy the product onto multiple computers. As with other Autodesk network products, users can run the product on multiple computers at one time. However, the number of concurrent users is limited to the number of licenses that you own.

4.3 Why is there no network license management software included with my network license of Autodesk Civil 3D – Companion 2007 or Autodesk Survey 2007?

The network license management software is no longer offered with the network version of Autodesk Civil 3D – Civil Design Companion 2007 and Autodesk Survey 2007 products. Purchasing the network products gives you the right to float the licenses.

4.4 Do customers need to authorize the Trimble menu option separately?

Yes. To use the routines that come with the Trimble program customers need to register and receive an authorization code from Trimble (www.trimble.com/link.html). There is currently no additional cost for the functionality, and the process is automated using the web-based registration program. All Trimble commands have been consolidated into one menu. The menu and functions are available only if you install the Trimble commands during the installation of Autodesk Land Desktop.

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