

## Feature Enhancements by Release

### Increase productivity by using a powerful infrastructure design solution

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 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 Survey to share survey data with civil engineering, GIS, and land-planning professionals. Autodesk Survey 2007 streamlines all aspects of data collection by eliminating keystrokes, saving time, and supporting the accuracy of field data.

This document highlights the feature enhancements with each release of Autodesk Survey software from Release 1 through the current 2007 release.

<b>Autodesk Survey 2007</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop 2007, which is built on AutoCAD® 2007 and components of Autodesk Map® 3D 2007.

<b>Autodesk Survey 2006</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop 2006, which is built on AutoCAD® 2006 and components of Autodesk Map® 3D 2006.
<b>Survey Toolspace</b>	<ul style="list-style-type: none"> <li>• Improve performance to the Survey Toolspace.</li> <li>• A Setup Item preview window has been added to the Survey Toolspace. This window gives users a graphical view of all the points and figures observed at the selected setup.</li> </ul>
<b>Command Language—Multiple Points on a Curve</b>	<ul style="list-style-type: none"> <li>• The Survey command language now provides the ability to define multiple points on a curve within an active figure.</li> </ul>
<b>Figures</b>	<ul style="list-style-type: none"> <li>• Ability to create 3D polylines from one or many existing survey figures to a specified layer.</li> </ul>
<b>Exporting Survey Figures to a Fieldbook</b>	Export figures to a fieldbook file from either the Network item or the Figures collection.

AUTODESK SURVEY 2007 FEATURE ENHANCEMENTS BY RELEASE

<b>Autodesk Survey 2005</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop 2005, which is built on AutoCAD <sup>®</sup> 2005 and components of Autodesk Map <sup>®</sup> 3D 2005.
<b>Survey Toolspace</b>	New interface for managing and editing survey control point data, survey setup data, survey observation data, and survey figure data, replacing the Sideshot and Traverse editors. Survey Toolspace enables you to view, manage, and edit traverse networks and figures as well as edit individual observations. Additional functionality includes the ability to flag specific figures for use as surface modeling breaklines.

<b>Autodesk Survey 2004</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop 2004, which is built on AutoCAD <sup>®</sup> 2004 and components of Autodesk Map <sup>®</sup> 3D 2004.
<b>TDS Link</b>	<ul style="list-style-type: none"> <li>Updated TDS Link (Survey Link) to version 7.5.5</li> </ul>

<b>Autodesk Survey 3</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop R3, which is built on AutoCAD <sup>®</sup> 2002 and components of Autodesk Map <sup>®</sup> 5.
<b>Trimble Output</b>	<p>Direct to construction with export to Trimble TSC1 data collector, or SiteVision system for stakeout or utilization by heavy equipment:</p> <ul style="list-style-type: none"> <li>Export Surface (Land Desktop)</li> <li>Export Road (Land Desktop/Civil)</li> <li>Export Points (Land Desktop)</li> <li>Export Geoid Model (Land Desktop/Survey)</li> <li>Export Datum Grid (Land Desktop/Survey)</li> <li>Export Feature Code (Land Desktop/Survey)</li> </ul>

<b>Autodesk Survey 2</b>	
<b>Feature</b>	<b>Function</b>
<b>Latest Platform</b>	Built for Autodesk Land Desktop 2000, which is built on AutoCAD <sup>®</sup> 2000 and components of Autodesk Map <sup>™</sup> 4.
<b>Trimble Support</b>	<p>Support for Trimble GPS Instruments</p> <ul style="list-style-type: none"> <li>Trimble Link: menu option for communication with Trimble TSC1 Survey Controller for RTK GPS and conventional survey instruments.</li> </ul>
<b>Survey Link</b>	<p>Updated Survey Link</p> <ul style="list-style-type: none"> <li>Conversion of Leica raw data into TDS RW5 file.</li> <li>Send and receive Leica format definition format files and CR5 files to Leica Tc605/805/905.</li> <li>Upload of coordinates to SDR data collector allows variable precision.</li> </ul>

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