

# Autodesk® Infrastructure Design Suite

Ultimate 2013

## System Requirements

### Advanced Civil and Utility Design

**For civil engineers, utility network designers, and construction managers** who need a comprehensive software solution with specialized capabilities for utility network design, structural engineering, and construction coordination to help plan, design, build, and manage civil and utility infrastructure.

The following software products are included in the Autodesk Infrastructure Design Suite – Ultimate edition:

- AutoCAD® 2013
- AutoCAD® Map 3D 2013
- AutoCAD® Raster Design 2013
- Autodesk® Storm and Sanitary Analysis
- Autodesk® Infrastructure Modeler 2013
- AutoCAD® Civil 3D® 2013
- Autodesk® 3ds Max® Design 2013
- Autodesk® Revit® Structure 2013
- AutoCAD® Utility Design 2013
- Autodesk® Navisworks® Manage 2013

### Supported Operating Systems

	32 bit	64 bit	Exceptions
Microsoft® Windows® 7 Home Premium, Professional, Ultimate, Enterprise	✓	✓	<b>For AutoCAD Map 3D 2013:</b> Windows 7 Home Premium is not a tested platform
Microsoft® Windows® XP Professional (SP3)	✓		<b>For Autodesk Infrastructure Modeler 2013:</b> No support for XP
Microsoft Windows XP Professional X64 (SP2)		✓	<b>For Autodesk Infrastructure Modeler 2013:</b> No support for XP

### Supported CPU Type

Minimum	Recommendation	Exceptions
<b>Microsoft Windows XP</b> 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon® Dual Core with SSE2 technology  <b>Microsoft Windows 7</b> 3.0 GHz or Higher Intel Pentium 4 or AMD Athlon Dual Core with SSE2 technology	Single- or Multi-Core Intel Pentium, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Check <a href="http://www.autodesk.com/systemrequirements">www.autodesk.com/systemrequirements</a> for details on specific Infrastructure Design Suite included products, where more information may exist.	<b>For 3D Modeling in AutoCAD 2013 based products:</b> Intel Pentium 4 processor or AMD Athlon, 3.0 GHz or greater or Intel or AMD Dual Core processor, 2.0 GHz or greater  <b>For 3ds Max Design 2013:</b> Intel Pentium 4 1.4 GHz or equivalent AMD processor with SSE2 technology

### Recommended Memory

Minimum	Recommendation	Notes/Exceptions
2 GB RAM on 32-bit OS 4 GB RAM on 64-Bit OS	4 GB RAM on 32-bit OS 8 GB RAM on 64-Bit OS	<b>For Autodesk Revit Structure 2013:</b> 4 GB RAM on 32-bit OS; 8 GB RAM on 64-bit OS

## Recommended Graphics Hardware

Minimum	Recommendation	Notes/Exceptions
Display adapter capable of 24-bit color	DirectX <sup>®</sup> 9.0 or higher, 256 MB or higher graphics card memory, or as recommended by Autodesk at: <a href="http://www.autodesk.com/graphics-hardware">www.autodesk.com/graphics-hardware</a>	<p><b>For 3ds Max Design 2013:</b> Some features of 3ds Max Design are only enabled when used with graphics hardware that supports Shader Model 3.0 (Pixel Shader and Vertex Shader 3.0).</p> <p><b>For Navisworks 2013:</b> Direct3D<sup>®</sup> 9 and OpenGL<sup>®</sup> capable graphics card with Shader Model 2 (minimum)</p> <p><b>For Infrastructure Modeler 2013:</b> Minimum: DirectX<sup>®</sup> 10 capable graphics card with 512 MB or more video memory, supporting 2x (or higher) antialiasing.</p>

## Recommended Display Resolution

Minimum	Recommendation	Notes/Exceptions
1280 x 1024 with True Color	1600 x 1050 or higher, with True Color	<b>For Navisworks 2013:</b> 1920 x 1080 32-bit color video display adapter with True Color recommended

## Recommended Hard Disk

Minimum	Recommendation	Notes/Exceptions
40 GB of free space	Same	

## Other Requirements:

### Browser

Minimum	Recommendation	Notes/Exceptions
Windows <sup>®</sup> Internet Explorer <sup>®</sup> 7.0 or higher	Windows <sup>®</sup> Internet Explorer <sup>®</sup> 8.0 or higher	<b>For 3ds Max Design 2013:</b> Windows <sup>®</sup> Internet Explorer <sup>®</sup> 8.0 or higher, or Mozilla <sup>®</sup> Firefox <sup>®</sup> 3.0 or higher, at a minimum

### Pointing Device

Minimum	Recommendation	Notes/Exceptions
MS-Mouse Compliant	Same	<b>For 3ds Max Design 2013:</b> Three-button mouse with mouse driver software

### Media

Minimum	Recommendation	Notes/Exceptions
Installation from DVD media or a download file	Installation from USB 2.0 media	

### Network

Minimum	Recommendation	Notes/Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	Same	

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