Autodesk Navisworks 2011 Service Pack 1

1

Thank you for downloading Autodesk Navisworks 2011 Service Pack 1.

This readme contains the latest information regarding the installation and use of this service pack. It is strongly recommended that you read this entire document before you apply this service pack to your product. For reference, you should save this document to your hard drive or print a copy.

Installation Information

Who Should Install This Service Pack

You can apply this service pack to the following Autodesk products running on all supported operating systems and languages.

- Autodesk® Navisworks® Freedom 2011
- Autodesk® Navisworks® Manage 2011
- Autodesk® Navisworks® Simulate 2011

Supported Operating Systems

You can use this service pack with the following operating systems below.

- 32-bit:
  Microsoft® Windows® 7 Ultimate, Microsoft® Windows® 7 Professional, Microsoft® Windows® 7 Home Premium, Microsoft® Windows® 7 Home Basic, Microsoft® Windows Vista® Enterprise service pack 2 (SP2) or later, Microsoft® Windows Vista® Ultimate service pack 2 (SP2) or later, Microsoft® Windows Vista® Home Premium service pack 2 (SP2) or later, Microsoft® Windows Vista® Home Basic service pack 2 (SP2) or later, Microsoft® Windows® XP Professional service pack 3 (SP3) or later, Microsoft® Windows® XP Home service pack 3 (SP3) or later.
- 64-bit:
  Microsoft® Windows® 7 Ultimate, Microsoft® Windows® 7 Professional, Microsoft® Windows® 7 Home Premium, Microsoft® Windows® 7 Home Basic, Microsoft® Windows Vista® Enterprise service pack 2 (SP2) or later, Microsoft® Windows Vista® Ultimate service pack 2 (SP2) or later, Microsoft® Windows

Vista® Home Premium service pack 2 (SP2) or later, Microsoft® Windows Vista® Home Basic service pack 2 (SP2) or later, Microsoft® Windows® XP Professional service pack 2 (SP2) or later.

Windows Command Line Switches

Two Microsoft® Windows® command line switches are built into this pack:

- **/S** – runs in silent mode; no progress information appears.
- **/a** – unpacks into a deployable form, that is extracts the MSP files from the service pack executable.

NOTE Deployment of this service pack is not supported through the Deployment Wizard. Using **/a** switch enables you to extract the MSP files suitable for use in administrative installs.

Instructions about how to use the command line switches are included in this readme.

To install this service pack on an individual computer

1. Download the service pack and save it to any folder.
2. Find the folder where you saved the service pack and double-click the executable file *service_pack.exe*.

To install this service pack with a command switch

1. Download the service pack and save it to any folder.
2. On the Start menu, click Run.
3. To install the service pack in silent mode, enter information using the following syntax and click OK.

   <local_drive:pathname>\<service_pack_name> /S.

   To extract the MSP files suitable for use in administrative installs, enter information using the following syntax, and click OK.

   <local_drive:pathname>\<service_pack_name> /a

General Updates

This service pack fixes the following defects.

- **TimeLiner.** The TimeLiner / P6 Web Services hot fix, released in May 2010, has been included in the service pack and addresses two problems users may experience when accessing projects in Primavera using the P6 web services interface:
  - When importing projects from Primavera the project data in the Tasks and Gantt View tabs is not structured correctly under the top level New Link node.
  - When synchronizing or rebuilding projects in TimeLiner user data associated with a project's tasks does not persist correctly.
- Z+F File Loader. The Z+F hot fix, released in April 2010, has been included in the service pack and upgrades the Z+F DLL to the latest version of the DLL from Z+F (*http://www.zf-laser.com*).
- **DPI Aware.** The user interface of Autodesk Navisworks 2011 handles the setting of Windows custom text size (DPI) setting correctly and addresses the rendering problem of some windows.
  Custom text size can be set using Control Panel ➤ Appearance and Personalization ➤ Display settings in Windows Vista and Windows 7.

In Windows XP, click Control Panel ➤ Display ➤ Settings, click the Advanced button, and use the DPI Settings drop-down list to set custom text size.

- **Communication Center.** The RSS feed is fully supported and the issue relating to Communication Center crashing Autodesk Navisworks 2011 when the user logs in using double byte usernames has been fixed.
- **Redline.** Converting multiple measurements to redlines will not crash Autodesk Navisworks 2011.
- **Presenter.** The Presenter Rules tab now redraws itself correctly when the window is reduced in size when docked at the bottom the application window.
- **Licensing.** A number of reported licensing issues have been addressed.
- **COM API.**
  - Calling InwPlugin_Site.GetApplication() returns an object.
  - Calling lnwOpAnonView.ClippingPlanes.Clear() no longer stops sectioning from working.

Known Issues

Administration Rights to Install the Service Pack

Issue: When attempting to install this service pack using a user account with limited administration rights the following may happen depending on the version of the Windows operating system you have installed:

- The service pack installer will attempt to install a critical component that requires administrator rights but will fail. In such situations the installation will fail and the service pack installer will back out all changes, or
- The service pack installer will require the user to enter the administrator password in order to install a critical component of the service pack.

Workaround: Log on as a user with administrator rights and install the Autodesk Navisworks 2011 Service Pack 1.

The Original Licensing Libraries are Missing after Uninstalling the Service Pack

Issue: If the service pack is uninstalled the user will be asked to provide the source media in order to re-instate some of the original licensing libraries.

Workaround: When requested, provide the product disk, or access to the network share the installer resides on, or the location in the temp directory that the download installer was unpacked to depending on individual installation scenarios.

Autodesk Navisworks Freedom Fails to Start After Uninstalling the Service Pack

Issue: This issue occurs if you have both Autodesk Navisworks Manage and Autodesk Navisworks Freedom installed on your workstation, and have installed this service pack.

If you then uninstall the service pack just for Autodesk Navisworks Freedom, and not for Autodesk Navisworks Manage, then Autodesk Navisworks Freedom may fail to start with the Entry Point Not Found error. Clicking OK will start the program.

Workaround: If you uninstall the service pack for Autodesk Navisworks Freedom, you must also uninstall it for Autodesk Navisworks Manage.

NOTE The same problem will occur if using Autodesk Navisworks Simulate and Autodesk Navisworks Freedom on the same workstation.

Copyrights and Trademarks

© 2010 Autodesk, Inc. All Rights Reserved. Except as otherwise permitted by Autodesk, Inc., this publication, or parts thereof, may not be reproduced in any form, by any method, for any purpose.

Certain materials included in this publication are reprinted with the permission of the copyright holder.

Trademarks

The following are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and other countries: 3DEC (design/logo), 3December, 3December.com, 3ds Max, Algor, Alias, Alias (swirl design/logo), AliasStudio, Alias|Wavefront (design/logo), ATC, AUGI, AutoCAD, AutoCAD Learning Assistance, AutoCAD LT, AutoCAD Simulator, AutoCAD SQL Extension, AutoCAD SQL Interface, Autodesk, Autodesk Envision, Autodesk Intent, Autodesk Inventor, Autodesk Map, Autodesk MapGuide, Autodesk Streamline, AutoLISP, AutoSnap, AutoSketch, AutoTrack, Backburner, Backdraft, Built with ObjectARX (logo), Burn, Buzzsaw, CAiCE, Civil 3D, Cleaner, Cleaner Central, ClearScale, Colour Warper, Combustion, Communication Specification, Constructware, Content Explorer, Dancing Baby (image), DesignCenter, Design Doctor, Designer's Toolkit, DesignKids, DesignProf, DesignServer, DesignStudio, Design Web Format, Discreet, DWF, DWG, DWG (logo), DWG Extreme, DWG TrueConvert, DWG TrueView, DXF, Ecotect, Exposure, Extending the Design Team, Face Robot, FBX, Fempro, Fire, Flame, Flare, Flint, FMDesktop, Freewheel, GDX Driver, Green Building Studio, Heads-up Design, Heidi, HumanIK, IDEA Server, i-drop, ImageModeler, iMOUT, Incinerator, Inferno, Inventor, Inventor LT, Kaydara, Kaydara (design/logo), Kynapse, Kynogon, LandXplorer, Lustre, MatchMover, Maya, Mechanical Desktop, Moldflow, Moonbox, MotionBuilder, Movimento, MPA, MPA (design/logo), Moldflow Plastics Advisers, MPI, Moldflow Plastics Insight, MPX, MPX (design/logo), Moldflow Plastics Xpert, Mudbox, Multi-Master Editing, Navisworks, ObjectARX, ObjectDBX, Open Reality, Opticore, Opticore Opus, Pipeplus, PolarSnap, PortfolioWall, Powered with Autodesk Technology, Productstream, ProjectPoint, ProMaterials, RasterDWG, RealDWG, Real-time Roto, Recognize, Render Queue, Retimer,Reveal, Revit, Showcase, ShowMotion, SketchBook, Smoke, Softimage, Softimage|XSI (design/logo), Sparks, SteeringWheels, Stitcher, Stone, StudioTools, ToolClip, Topobase, Toxik, TrustedDWG, ViewCube, Visual, Visual LISP, Volo, Vtour, Wire, Wiretap, WiretapCentral, XSI, and XSI (design/logo).

LightWorks, the LightWorks logo, LWA and LWA-Enabled are registered trademarks of LightWork Design Ltd. The LWA-Enabled logo, Interactive Image Regeneration, IIR, A-Cubed, Feature-Following Anti-Aliasing and FFAA are all trademarks of LightWork Design Ltd.

ACE™, TAO™, CIAO™, and CoSMIC™ are copyrighted by Douglas C. Schmidt and his research group at Washington University, University of California, Irvine, and Vanderbilt University, Copyright © 1993-2009, all rights reserved.

Python is a registered trademark of Python Software Foundation.

Portions Copyright© 2010 aXYZ Design.

All other brand names, product names or trademarks belong to their respective holders.

This software is based in part on the work of the Independent JPEG Group.

Contains a modified version of Open CASCADE libraries. See the license file "OpenCascadeLicense.txt" in the installation directory. Source code is available from *http://download.autodesk.com/us/navisworks/OpenCascade.zip*.

Disclaimer

THIS PUBLICATION AND THE INFORMATION CONTAINED HEREIN IS MADE AVAILABLE BY AUTODESK, INC. "AS IS." AUTODESK, INC. DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THESE MATERIALS.