Opt Plugin for Navisworks Manage

Installation & Usage Guide

V1.0

株式会社 3D エキスパート

2025

www.opt3ds.com

Version History

Version/Status	Author	Participant	Start/End Date	Modification Order Instructions	Approver
Formally released V1.0			2025.01.21	Formally create document	

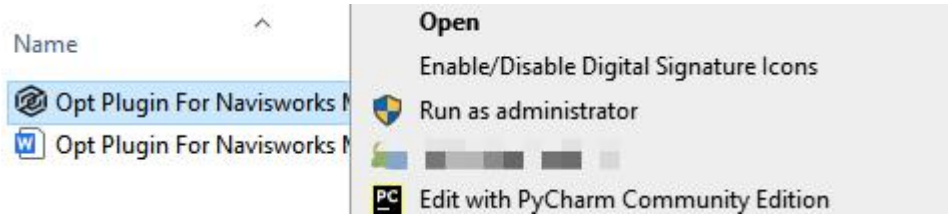
I、Overview

The Navisworks Lightweight Plugin is independently developed by 株式会社 3D エキスパート(hereinafter referred to as our company) for exporting Navisworks model files in glzip format. This file is used for our company's "Opt Converter" and "Opt Loader" series products to perform model format conversion or high-performance lightweight rendering processing.

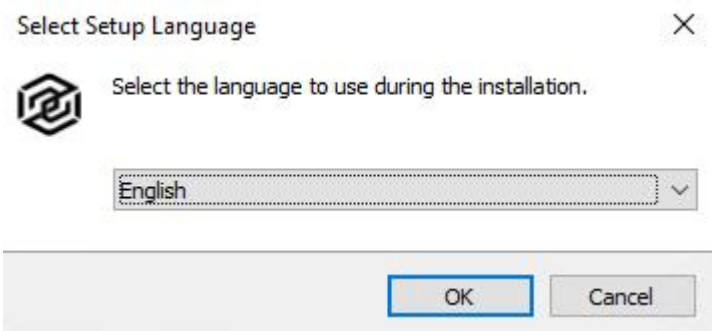
II、Software installation

Please close Revit modeling software before installation

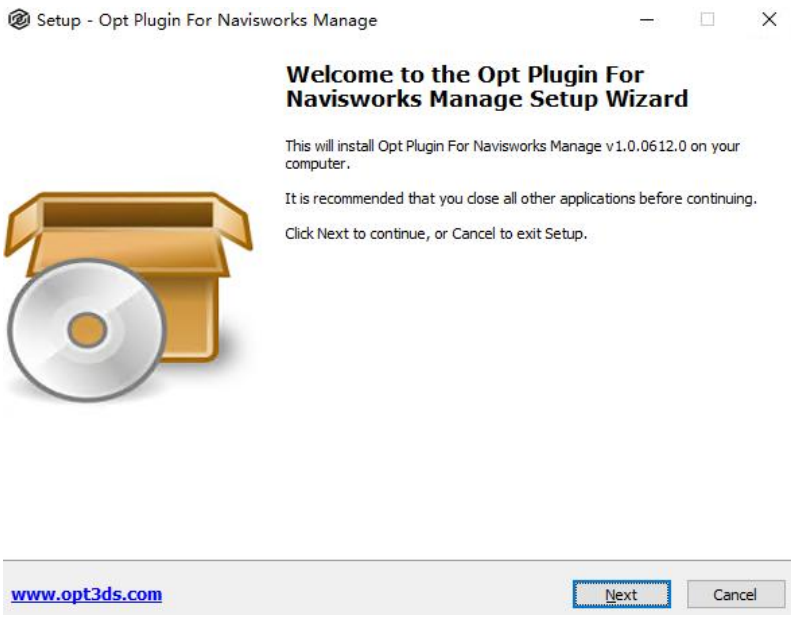
1. Right click on the "Opt Plugin For Navisworks Manage. exe" program and run it as an administrator.



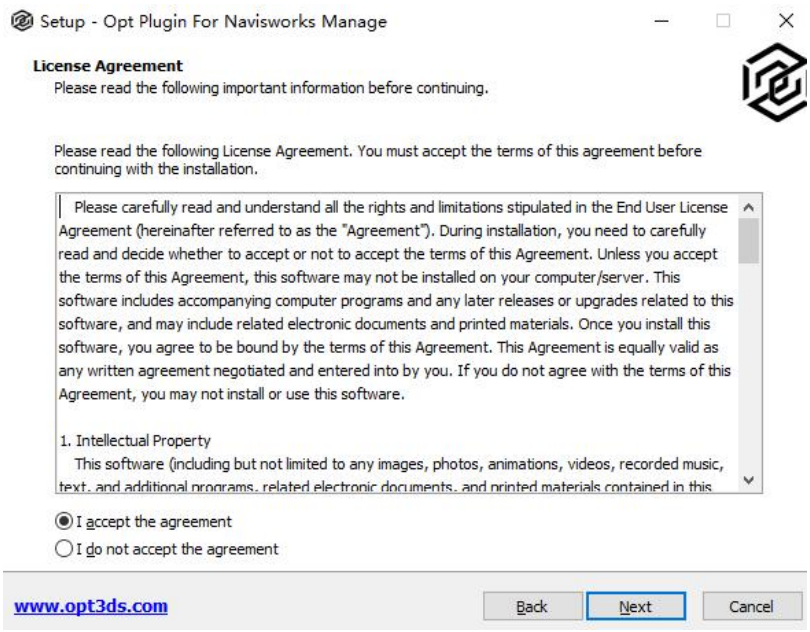
2.Choose the installation language that suits you.



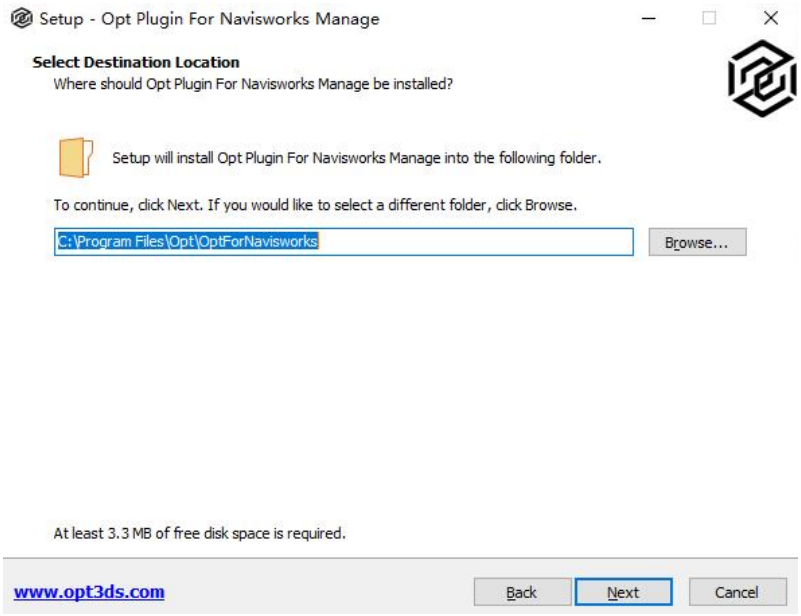
3.Click Next to continue the installation.



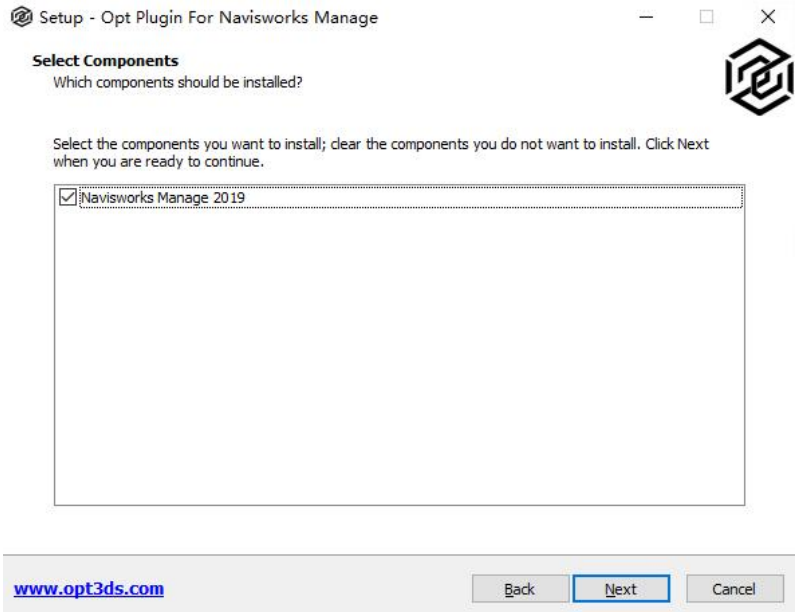
4.Check 'I agree the agreement' and click 'Next' to continue the installation.



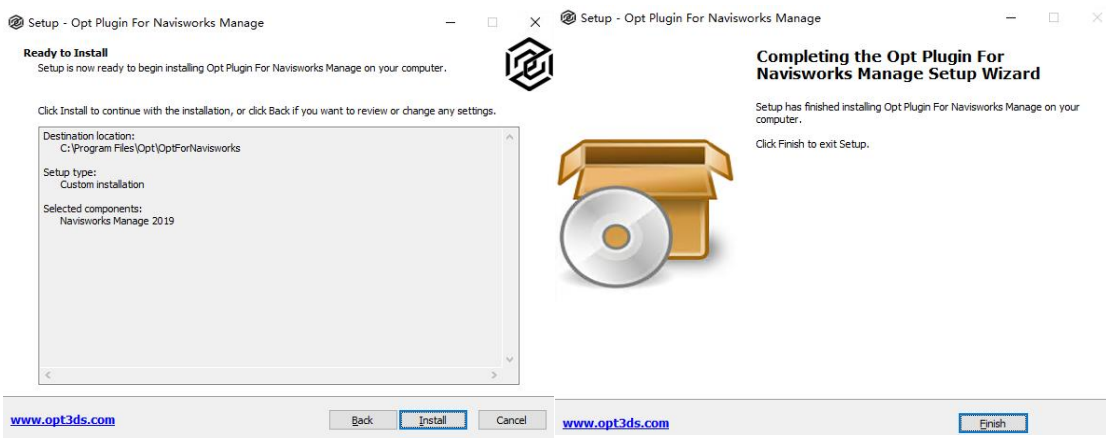
5.Enter the installation address selection page, which defaults to C:\Program Files\Opt\OptForNavisworks. You can click the "Browse" button to customize and select another installation address.



6.When entering the version selection page, the current installed Navisworks modeling software version on the computer will be read by default and automatically checked. Currently, Navisworks 2017-2023 64 bit version is supported. Click Next to continue installation.



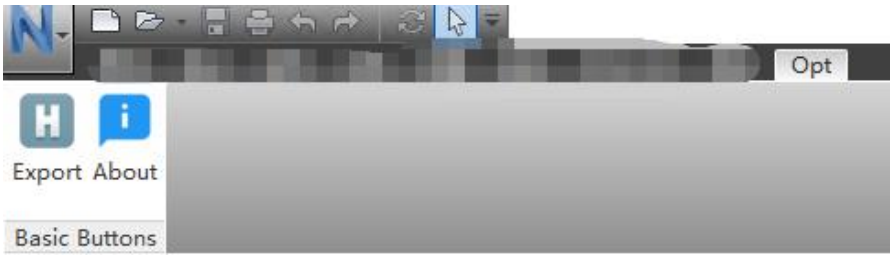
7.Click the 'Install' button. Plugin installation begins; After installation, there will be a prompt page indicating the completion of the installation. Click "Finish" to end the installation program.



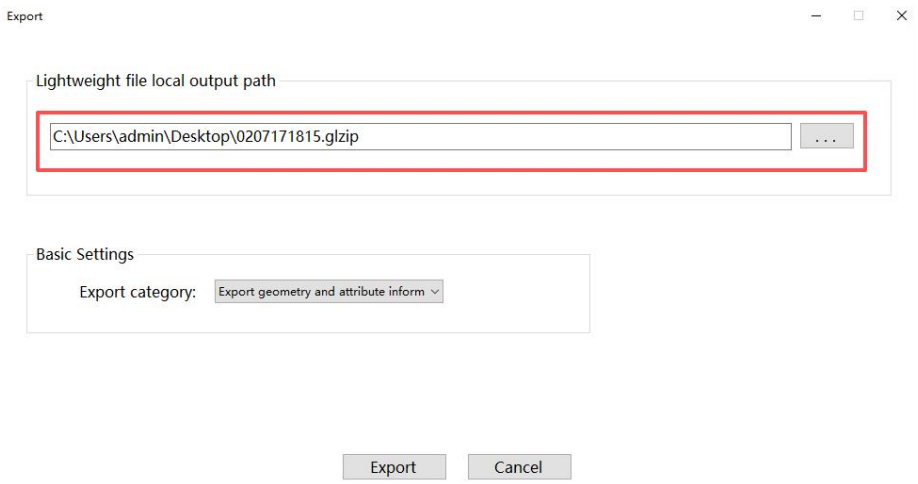
III、Instructions for use

1. Click to open the modeling software Navisworks Manage, and open the local model within the software;

2. Click the "Opt" tab in the upper left corner to use the plugin;



3.Click the "Export" button, and then click the "…" button on the right side of the address bar to customize the path and file name. If the file name is the same, a prompt will appear asking whether to overwrite the file. When exporting, a folder with the same name as the file will be created. It is recommended not to have folders with the same name in the same directory.



4. Basic settings allow you to select the category for export

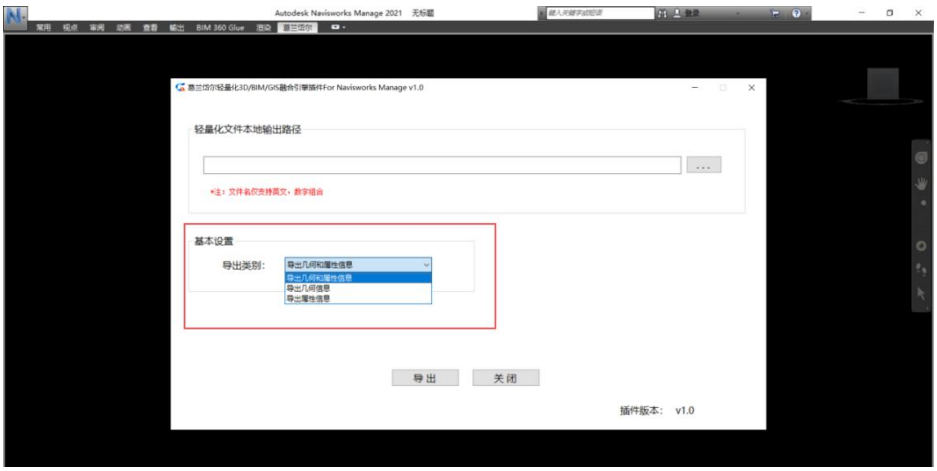
Interpretation of basic setting fields

Basic Settings:

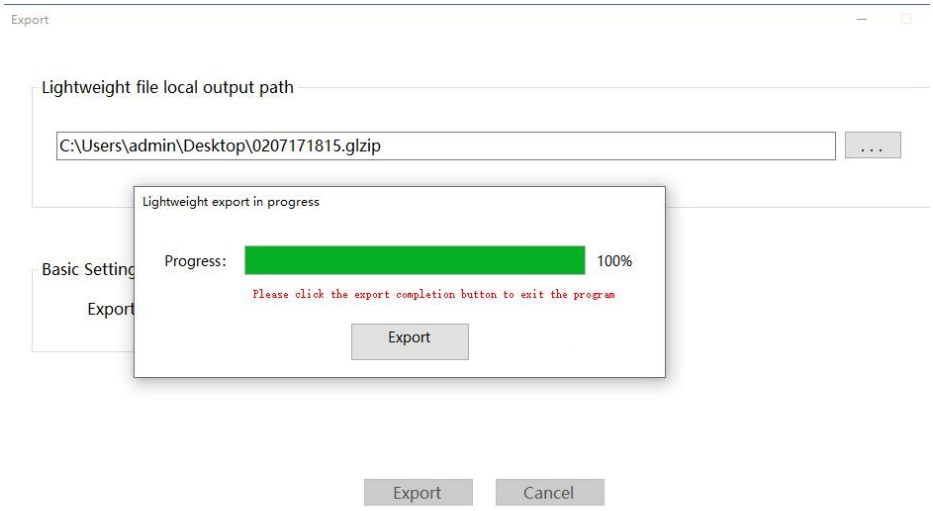
① Export geometry and attribute information: Both model geometry information and database (db) information will be exported.

② Only Export geometric information: Only export the geometric information of the model.

③ Only Export attribute information: Only export the database information of the model.



5.After setting all panel options, click the "Export" button, and an export progress bar will pop up. If there are a large number of Navisworks model components, the progress bar may wait for a long time at the 10% position. Please be patient and wait.



6.After exporting the progress bar to 100%, click "Export Complete" to exit the current page. In the export path, you can see the exported glzip model file, which contains the geometric and attribute data of the model.

IV、Software uninstallation

In the computer control panel, select "Opt Plugin For Navisworks" from the uninstall software options, and click uninstall to complete the process;

Please note that when uninstalling Opt Plugin For Navisworks, please close the Navisworks modeling software.