

Deep Publish 5.0 Tutorial

The Basics

Welcome to the world of 3D with Right Hemisphere!

The aim of this tutorial is to learn how to use Deep Publish to:

- Add 3D content to a Word document.
- Changing from Image to Interactive mode.
- Interacting with the 3D model.
- Converting the document to 3D PDF.

Assumptions

Certain assumptions have been made regarding this tutorial:

- You should be familiar with 3D concepts.
- You should be familiar in the use of Microsoft Windows.
- You should be familiar in the use of Word.
- Note that the model displayed on your screen during this tutorial may be different depending on the graphics card you have installed in your computer, the screen geometry, and the colors and placement of objects that you choose.

Features Covered

- Inserting a 3D model into a document.
- Converting a document containing 3D content to a 3D PDF.
- Converting a document containing 3D content to a 3D PDF and sending it to a recipient via email.

Requirements

The following software and files are required for this tutorial are:

- Deep Publish version 5.0.xxx
- Adobe Acrobat Professional version 7.0.x or higher or Acrobat 3D 7.0.7 or higher.

The files required for this tutorial are:

- a 3D file accessible to your computer.

Completion Time

This basic introduction should take approximately 15-20 minutes to complete.

Inserting a 3D Model into a Document

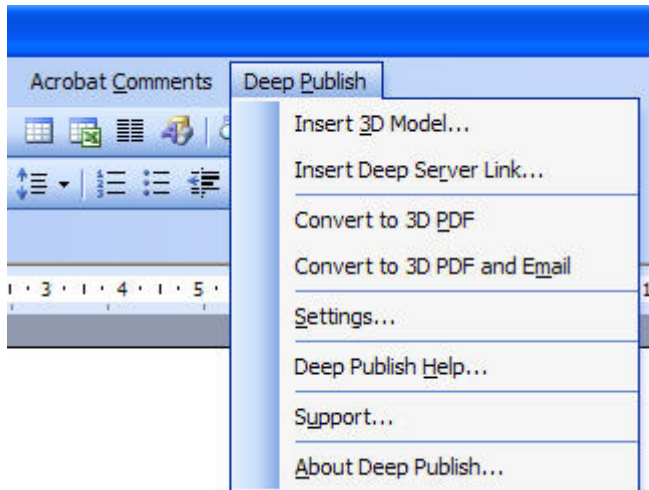
When Deep Publish is installed, the Deep Publish menu option is created in Word.

This menu is used to perform certain Deep Publish functions including inserting 3D models. Various other Deep Publish functions are found in the right-click menus.

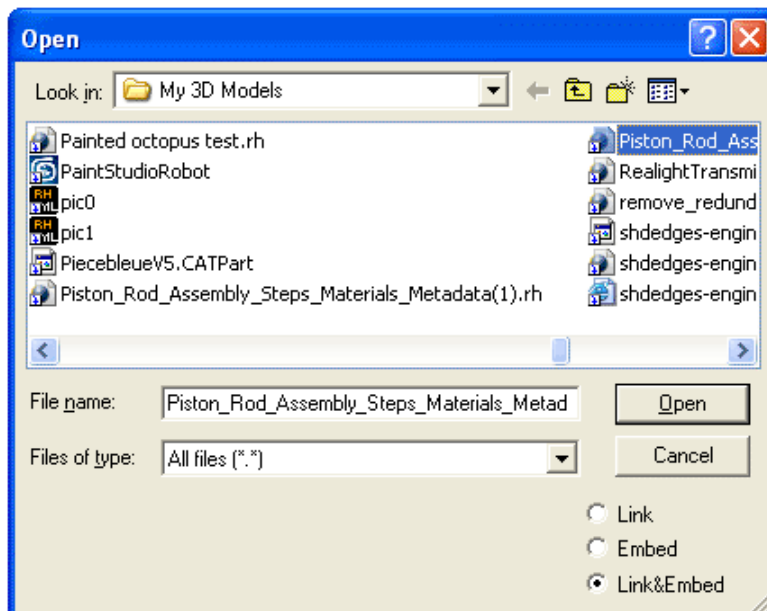
Procedure: Insert a model into a document

To insert a model into a document:

- 1 Open a new or existing Word document.
- 2 Choose **Deep Publish > Insert 3D Model...**



- 3 Select a 3D file and do one of the following:



- Check the **Link** radio button to link the source file to the image/model in the destination document.
 - Check the **Embed** radio button to place a copy of the source file directly in the destination document.
 - Check the **Link&Embed** radio button to link the source file to the image/model in the destination document.
- 4 Click **Open**.

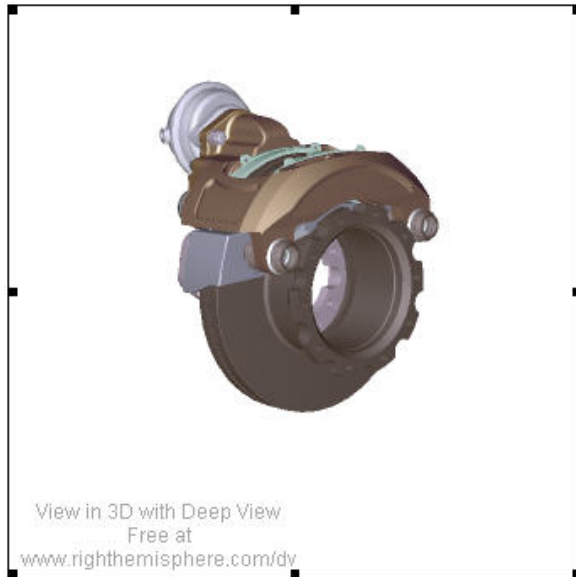
Interacting with a 3D Model in a Document

Working Modes

Once you have inserted your 3D graphic into the document there are two 'working' modes used to manipulate it:

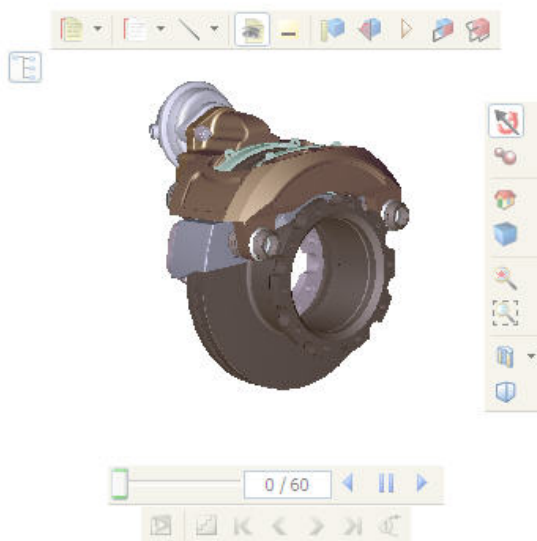
Image Mode

This option presents a 2D image which can be moved and resized. The Information bar and other toolbars are not displayed in Image mode. The following image displays a 2D viewport and active area.

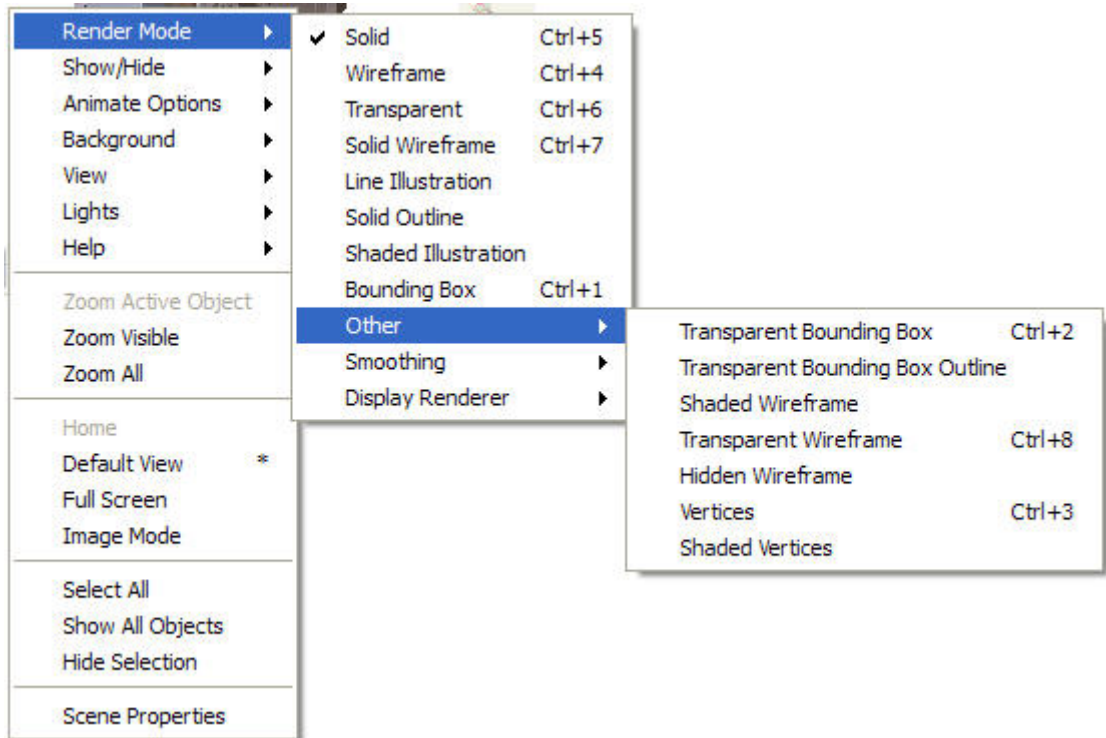


Interactive Mode

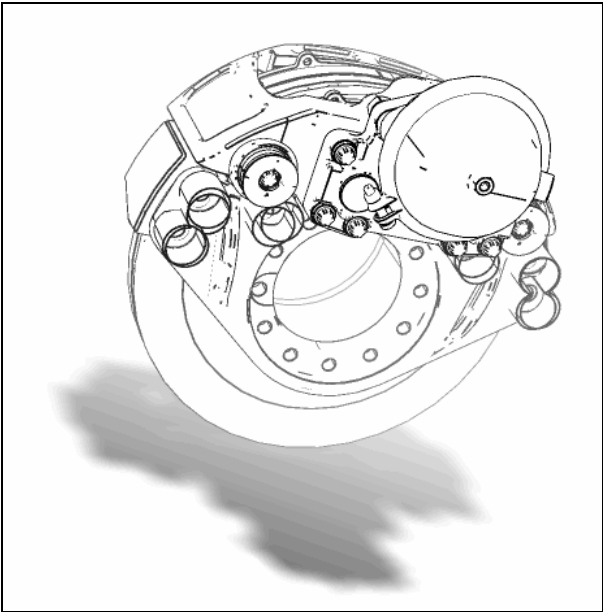
This option presents a 3D image which can be manipulated. To activate this viewport double-click on the inserted image. The 3D viewport and editing toolbars will be displayed which can be used to control scene settings, objects, materials, and animation. The following image displays a 3D viewport showing the active area and toolbars.



Experiment with how you would like your image to be displayed by using some of the options from the 'right click' menu in the 3D viewport:



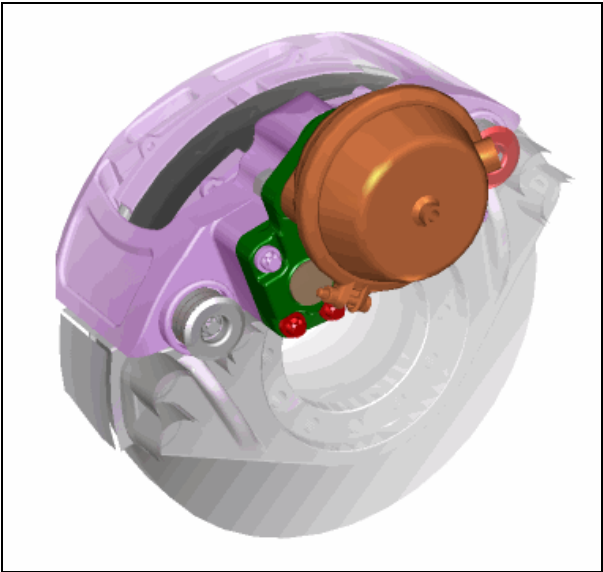
Some examples of how you can display your image using different attributes are as follows:



Line Illustration

Lights from file

Shadow

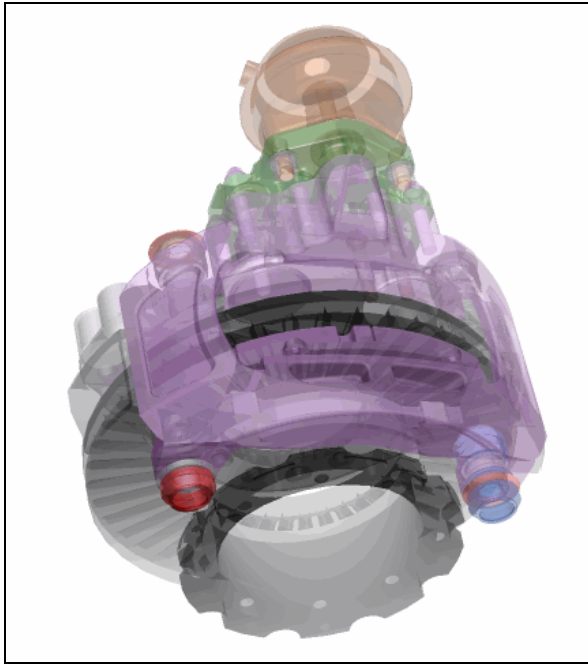


Solid

CAD optimized lights

Show Fog

No shadow



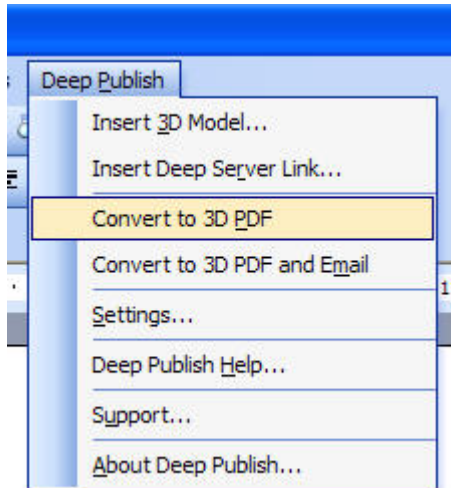
Transparent
Lights from file
Show Fog
No Shadow

Converting a Document to PDF

Once you have created 3D content with Deep Publish, you can publish that content to the Adobe Portable Document Format (PDF) using Right Hemisphere's conversion tools.

To convert 3D content directly to 3D PDF:

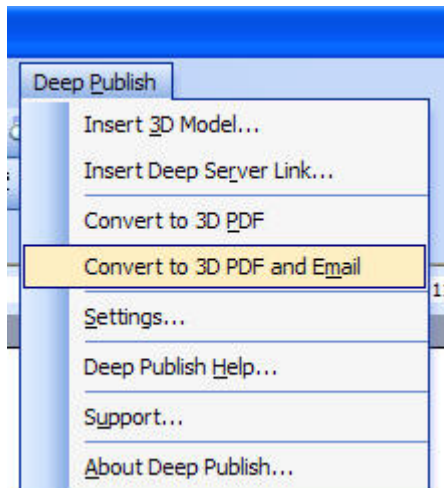
- 1 Choose **Deep Publish > Convert To 3D PDF**.



- 2 Navigate to and select a location in which to save the PDF document, enter a name, and then click '**Save**'.
- 3 The PDF document is automatically displayed on your screen once it has been converted.

To convert 3D content to 3D PDF and email:

- 1 Choose **Deep Publish > Convert To 3D PDF And Email**.



- 2 The PDF document is saved as the current name of the Word document and is attached to an email message.
- 3 Select a recipient and press '**Send**'.

Congratulations! You have just created and saved the 3D file in PDF format and successfully emailed it.