

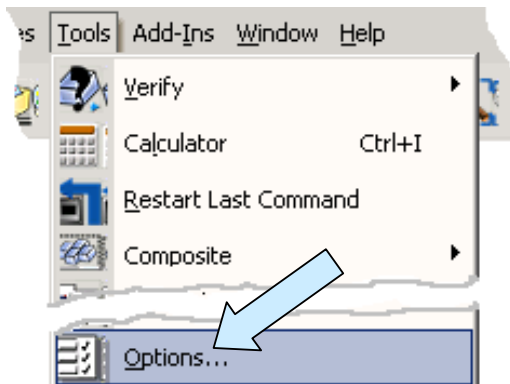
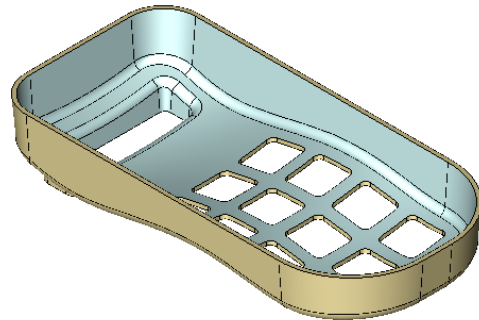
KEYCREATOR 3D Direct Modeling Software

KeyCreator Lesson KC7501

Exporting 3 Dimensional PDF Files

Many users export two dimensional .pdf files from KeyCreator since virtually everyone has a .pdf file reader available.

What many users fail to realize is that the newer .pdf readers also read three dimensional .pdf files. This gives you a great opportunity to send anyone a 3D model of your KeyCreator part that the recipient can rotate, render, etc. It really aids in collaboration at a distance. I'm going to use the part illustrated to the right to illustrate how to export a three-dimensional .pdf file. You can use any three dimensional part that you have handy.

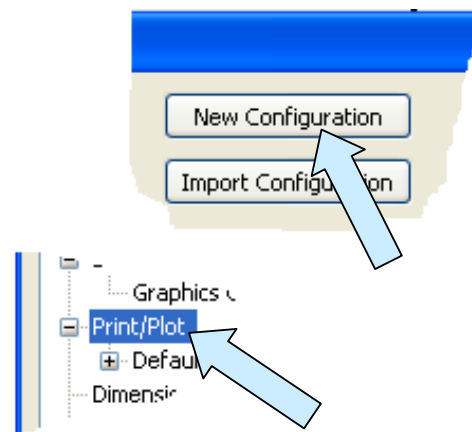


We first need to create a unique print configuration that we will use for exporting our 3D .pdf files, since we will want different print options than the ones we normally use when we print to a printer or plotter.

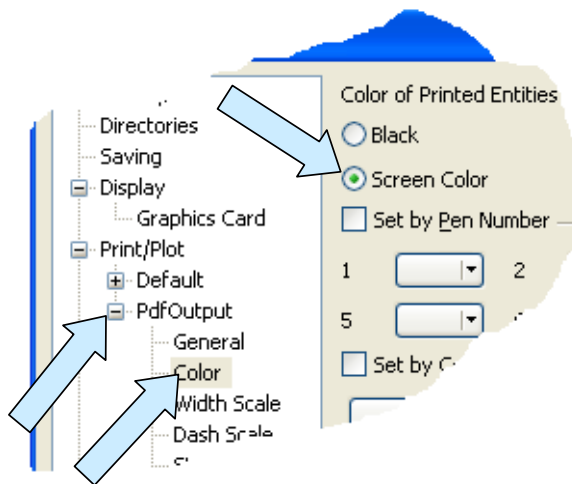
Click on the TOOLS Pulldown Menu and then on OPTIONS.

Click on the Print/Plot Option on the left side of the Dialog Box and then on the New Configuration Button at the top of the Dialog Box.

You are prompted to enter a name for the configuration. Let's call it "PdfOutput."



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Now, click on the + sign in front of the PdfOutput configuration to expand it.

Next, click on the Color Option.

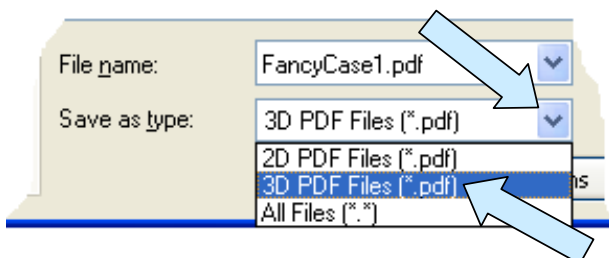
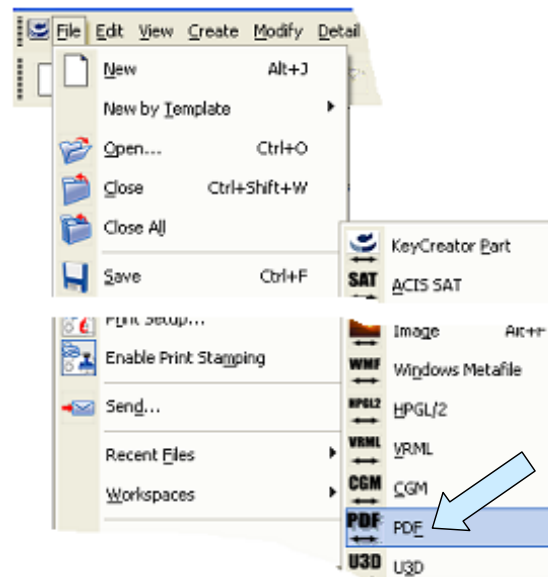
Click on the Screen Color Option. (This is the major reason for setting up a special configuration for exporting 3D .pdf files. For most of your regular physical printing jobs you are probably printing in monochromatic black. If you used that default config for exporting your 3D .pdf files, you would have a pretty ugly end result!)

When you are done, click on the OK Button at the bottom of the Dialog Box.

Now, with the part on your screen, click on the FILE Pulldown Menu and then on the EXPORT Option.

Next, click on the PDF Option in the flyout menu that appears.

Select the solid object on the screen and hit the ENTER Key.



Now, click on the pulldown next to the Save As Type field in the bottom of the Dialog Box.

Select the 3D PDF Files Option.

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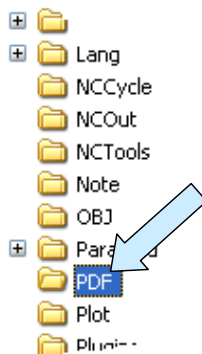
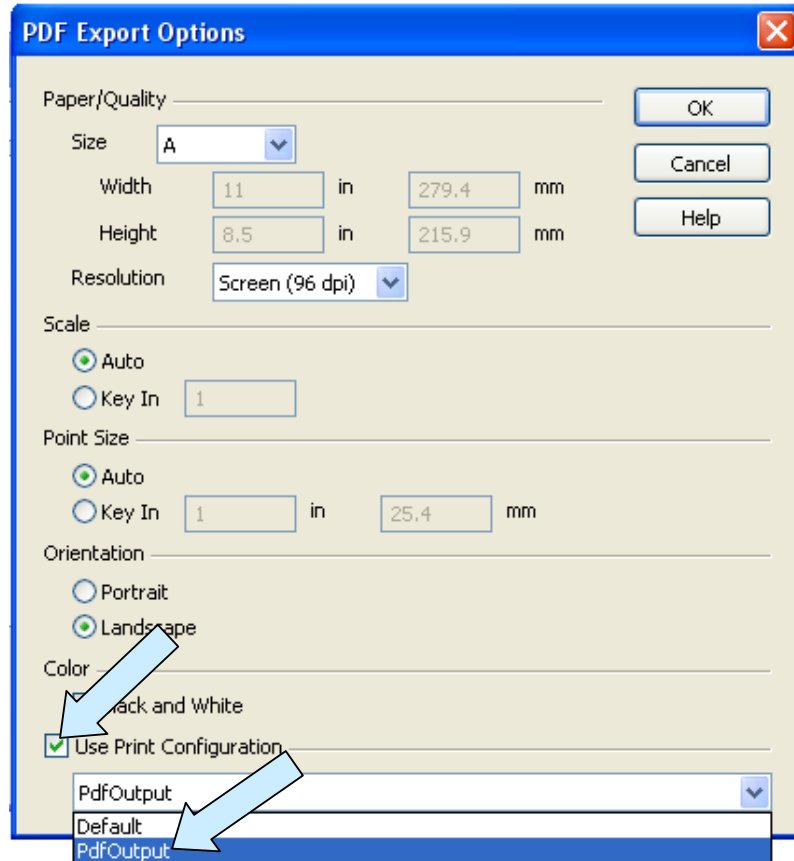
Next, click on the OPTIONS Button at the bottom of the Dialog Box.

A large Dialog Box appears.

Click on the Use Print Configuration Option at the bottom of the Dialog Box and then select the custom PdfOutput configuration that we created at the start of this exercise.

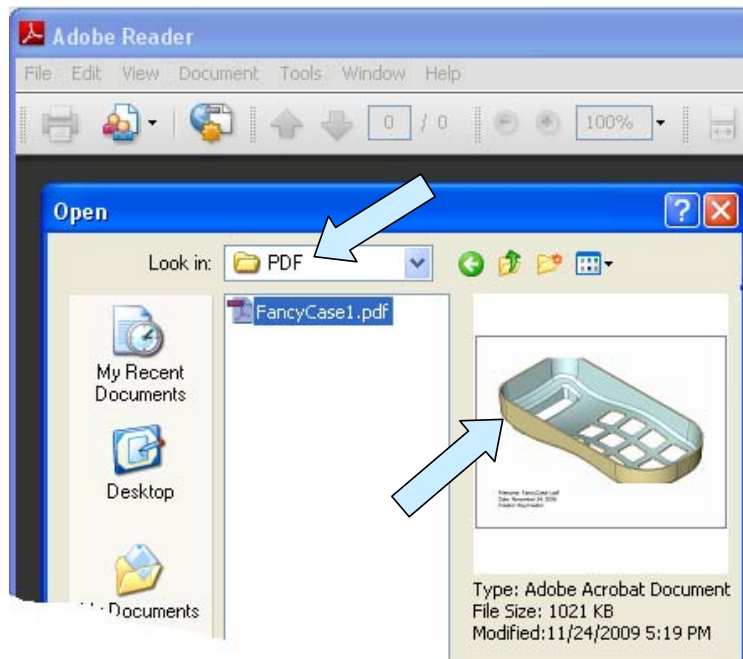
Then, click on the OK Button.

We can use the same name, “FancyCase1” for our .pdf file so click on the SAVE Button to create the file.



In Windows Explorer, you will find your file in the PDF Folder in your main KeyCreator Folder.

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If you have a newer .pdf reader installed on your PC, you can view the file that you just created. (You can download a version 8 or later reader for free if you don't.)

The file you created will be saved by default in the PDF Folder within KeyCreator.

You'll notice a thumbnail image of the part in the right pane of the reader.

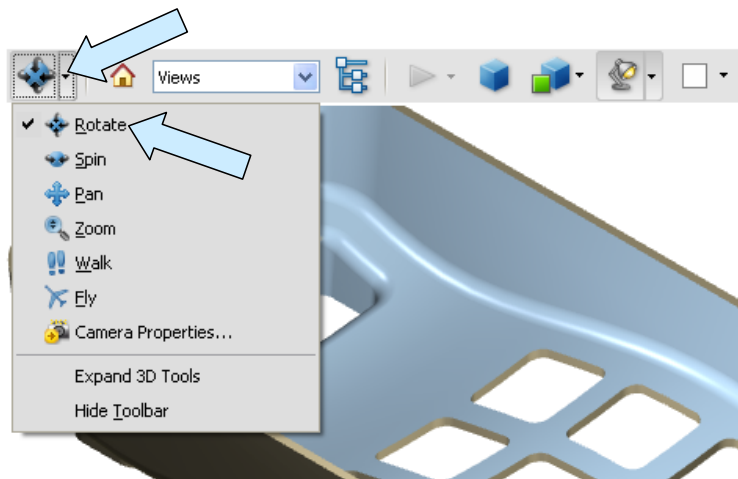
Click on the OPEN Button.

To activate the 3D Options, click in the viewport.

Notice that a toolbar appears with various Icons.

Click on the Pulldown next to the Rotate Icon.

Here's where the juicy stuff is.



Remember that if you send this .pdf file to a customer or supplier, they just need their free pdf reader to see what you've created. They can rotate it, display it in different rendering styles, etc.

Make sure that you add this powerful tool to your bag of tricks to expand your collaboration capabilities.