SOLIDWORKS Simulation – Report Generation Tips

**SOLIDWORKS Report Generation**

SOLIDWORKS Simulation has a report generator that makes great looking Word document reports on the user’s current Simulation study. These reports come complete with all the relevant information that the user would like to include from their Simulation model, and are generated very quickly. Even though the report generation option can save a lot of time and headache, there are still several annoying aspects of generating a report in SOLIDWORKS Simulation.

- Having to manually input all of your personal information into every new report being generated.
- After your report has been generated, only seeing the isometric view of your model in each screen shot that the report generates.

These two items can be very frustrating for the SOLIDWORKS Simulation user who wants to save time in generating a report to show his/her Simulation findings. Fortunately there are some easy workaround options that will overcome these two items thus making your SOLIDWORKS reports not only easy to generate, but also conveying exactly what information the user wants to convey.

**How to make your personal information generate in every new report automatically**

Go to the Simulation Options in the Simulation drop down menu, and select the ‘Default Options’ tab [1]. At the very bottom of this tab is the Report section [2]. Click on this section and put all of your information here under “Header information” [3]. After the user has customized this page to their liking all new reports generated after this point will have the users information automatically generated for them. Select OK to finish [4].
How to input your own model views into the report.

Without user input SOLIDWORKS simulation will automatically generate reports with just isometric views of the part/assembly being modeled. There are steps that can be taken though to either replace the default isometric view or add your own views for all of your Simulation Results data.

Example of the default Isometric view generated in all unmodified reports.

In order to override the default isometric views before generating a Simulation report just click on “Edit Definition” of the results plot you would like to replace the report default image of, and in the Definition tab click the ‘Property’ box and choose ‘Associate plot with name view orientation’. Position your plot in the graphics area to what you would like to see in the report and then click the ‘Associate with current view’ button. Using this technique you can put any image into the report that you like, including a zoomed in version on a specific ‘hot spot’ of your model.
Steps to making a new view in a newly generated report.

New view replaces the default isometric view in newly generated reports.
If you would like to keep the default isometric view and simply add new views along with them then, right click the report feature in the Simulation Feature Manager Design tree and click ‘Include Image’. The ‘Insert Image’ Command Manager will pop up. Manipulate the model in the graphics window to the view you want to include in the report. Make sure to specify what section of the report you want the new view to be placed. Then what type of model you would like to add to the report. If you choose the Simulation results option you will have an additional option of what results plot you would like to include in the report.

After inserting the new image you need to right click the generated report and press ‘Publish’ on the drop down menu to publish the report again with the new view included. You can create multiple views before publishing again and apply all of them to the report at the same time.