

# How to Export Reports to PDF Automatically

There are two methods to defining the PDF automatic output. The naming convention can be defined on a global level (all measurement plants) or local level (one measurement plan).

1. To define the PDF output file, go to **Resources > Name for output files**

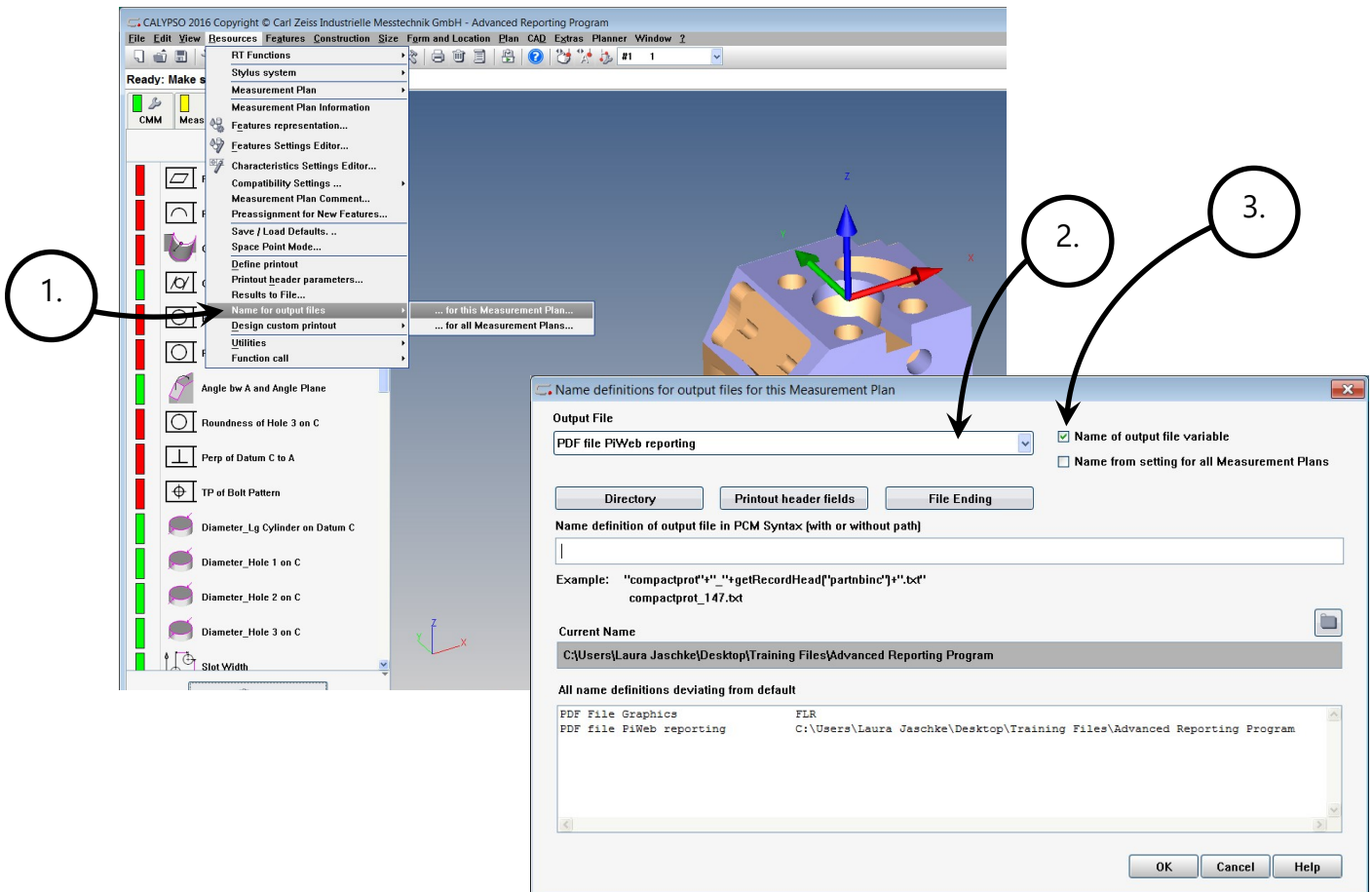
**... For this Measurement Plan...** The naming convention defined in the following screen will only apply to this unique measurement program

**... For all Measurement Plans...** The naming convention defined in the following screen will be saved and can be recalled and applied to any measurement program

For the first example, select **For this measurement Plan**.

2. In the dialog box that opens up, choose PDF File PiWeb Reporting.

3. Ensure that Name of output file variable is checkmarked. This will allow the naming convention of the PDF file to be customized.



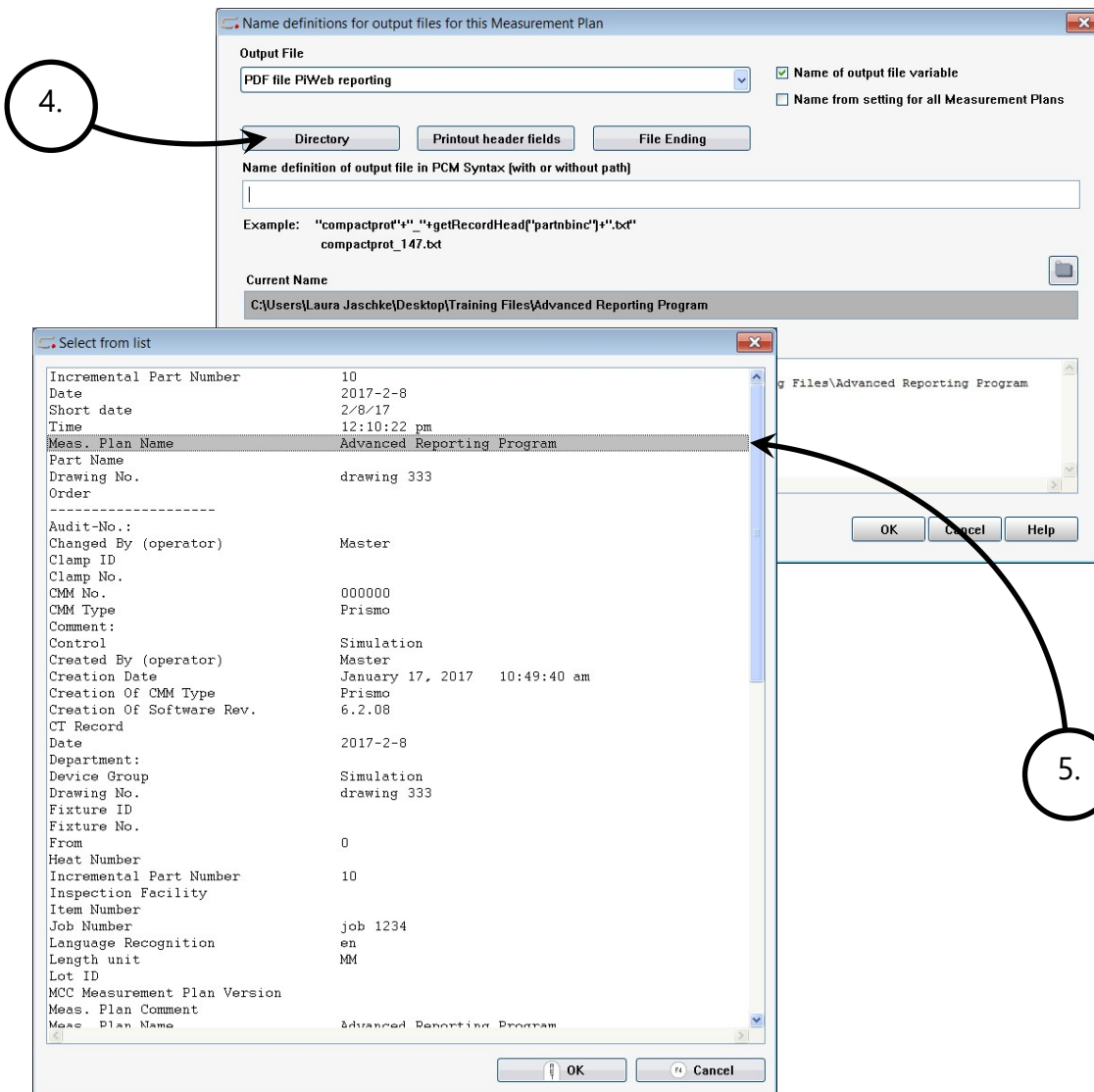
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4. Press the **Directory** button and select the file path that the PDF file should be stored. Press OK. This will generate the first part of the code in the text field.

The idea for the next steps is to define the naming convention of the PDF file itself using strings of variables. For this example, the desired naming convention of the PDF file will be:

MeasurementPlanName\_ShortDate\_Time.pdf

5. Press the **Printout Header Fields** button. Select the Meas. Plan Name and press OK. This operation will add another part of code to the text field.



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- To define a space between the next variable, type + "\_" into the text field.
- Click on **Printout Header Fields** and select Short Date, then press OK.
- Add another space between variables by typing + "\_" into the text field.
- Click on **Printout Header Fields** and select Time, then press OK.
- Press the **File Ending** button.

The code generated in the text field will now define the location and file name for the PDF. This setting will only apply to this unique measurement plan.

- Press OK to lock in these settings.

Name definitions for output files for this Measurement Plan

Output File  
PDF file PiWeb reporting

Name of output file variable  
 Name from setting for all Measurement Plans

Directory Printout header fields File Ending

Name definition of output file in PCM Syntax (with or without path)  
"C:\Users\Laura Jaschke\Desktop\Training Files\'+getRecordHead['planid']+'\_'+getRecordHead['date']+'\_'+getRecordHead['time']+'.pdf"

Example: "compactprot'+ '\_' +getRecordHead['partnbinc']+'.txt'  
compactprot\_147.txt

Current Name  
C:\Users\Laura Jaschke\Desktop\Training Files\Advanced Reporting Program\_2017-2-9\_2\_20\_31 pm.pdf

All name definitions deviating from default

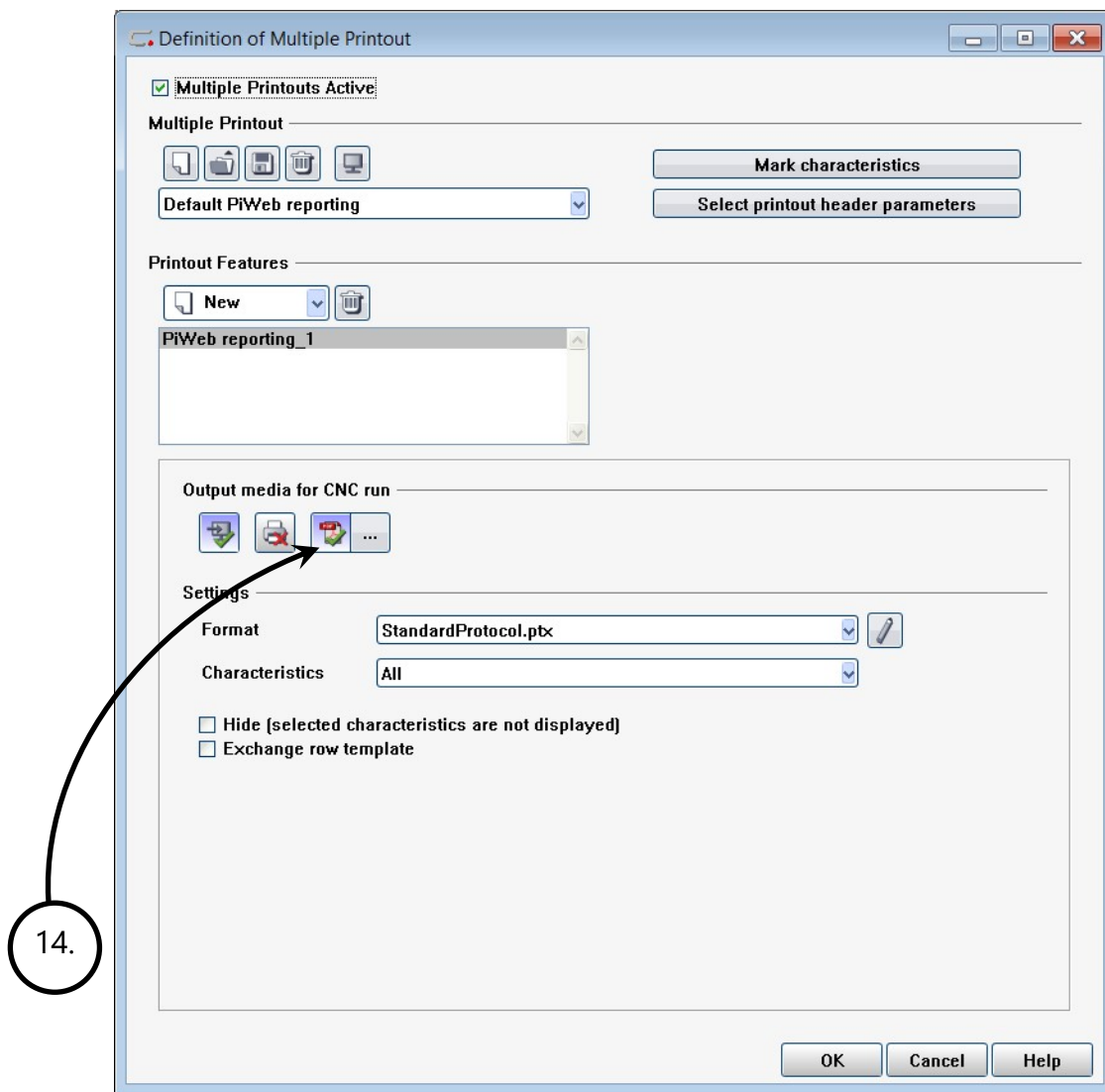
Name	Path
PDF File Graphics	FLR
PDF file PiWeb reporting	C:\Users\Laura Jaschke\Desktop\Training Files\Advanced Reporting Program_2017

OK Cancel Help

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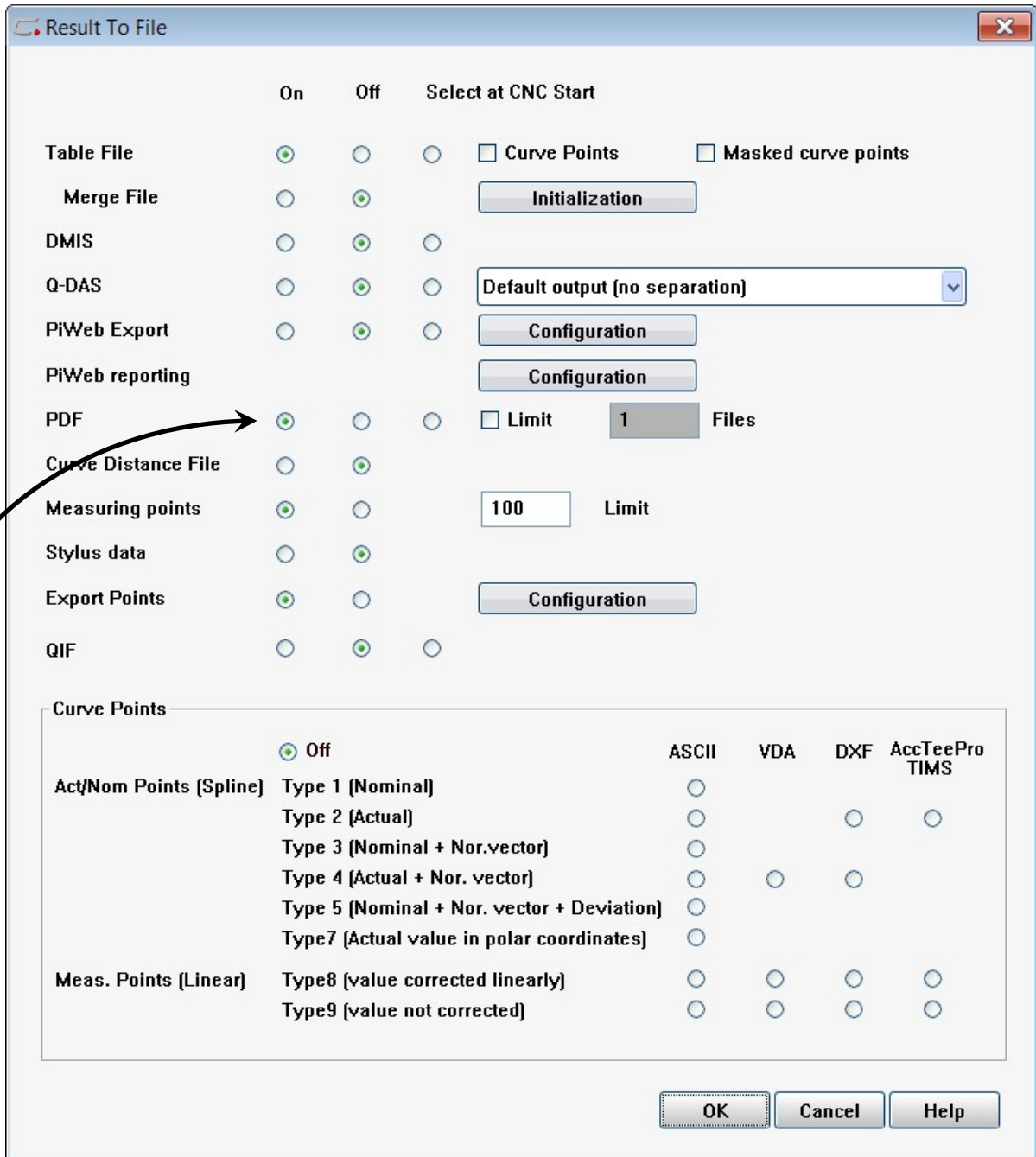
12. Navigate to the **Measurement** tab and open **Multiple Printout** dialogue box.
13. Ensure that Multiple Printouts Active is checkmarked. The proper report should be selected in Printout Features.
14. Checkmark the PDF icon under Output media for CNC run (third icon). Pressing the icon with three dots will open the same screen that was accessed from **Resources > Name for output files... for this measurement plan**

\*\*\* Note that the settings for ALL measurement plans can not be accessed through the Multiple Printout screen \*\*\*



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15. Go to **Resources > Results to File...**
16. Turn on PDF. If you want to set a limit for how many PDF files will be saved, you can turn on a limit and define the value in the field. Press OK.



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17. In the **Run** screen, notice that PDF is now checkmarked off permanently.
18. Run the program and confirm that the PDF file has been generated.

