



Subject:	Linux rendering time phenomenon with PDF files		
Model:	Linux OS		
Error codes:	-/-		
Classification:	Field measures:	<input type="checkbox"/> Next visit	<input type="checkbox"/> At Maintenance <input checked="" type="checkbox"/> By Case
	Phenomenon:	<input type="checkbox"/> SC/Error <input type="checkbox"/> Image	<input type="checkbox"/> Paper Feeding/Conveying <input type="checkbox"/> Machine operation
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Description: If PDF files are containing images the default renderer “Ghostscript” creates large print files because the images have to be converted to bitmap, which results in a high transmission time to the printer and a significant slowdown of the print performance. Read below for a workaround.

Corrective Measure / Field Measure

Ghostscript is the default renderer when using our Linux ppd because it creates DSC (Document Structuring Conventions) conform documents. But if a customer complains about slow printing and has mostly documents with large images it is possible to change the default rendering system to “Poppler”.

(<http://poppler.freedesktop.org>)

Take a typical customer document and send it to the printer by paying attention how much time is needed.

As an example below the command line for changing the default renderer from Ghostscript to Poppler on a TASKlafa 2552ci:

```
lpadmin -p Kyocera-TASKalfa-2551ci-KPDL -o pdftops=poppler-default=pdftops
```

Print the same document again and check whether the print speed is significantly shortened.

Limitation: Verify always the printouts with the customer, because Ghostscript might provide a better color fidelity.