

# Product Information

## **Prinect Production Manager: Billing-relevant Usage**



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## **Revision History:**

2020-01-15 - First Release - T.Baptist, T. Döbel

# Prinect Production Manager

## 1 What actions affect the monthly user fee?

The use of the Prinect Production Manager workflow is based on a subscription model for use of the software for a monthly user fee. The monthly user fee consists of a basic fee and a variable share. The variable share depends on the total TIFF-B area produced in the workflow, in square meters. This TIFF-B area is multiplied by a price per square meter, which in the monthly statement represents the variable share. For this reason, it is important to know which actions in the software can generate chargeable TIFF-B area.

## 2 TIFF-B area relevant for the user fee

Essentially, a TIFF-B file is calculated to output plates on a CtP device. The following actions in the Prinect workflow result in a TIFF-B file that can be imaged and, consequently, is relevant for billing.

### 2.1 "ImpositionOutput" sequence

All outputs from the "ImpositionOutput" sequence in combination with an "active File Output" will result in the calculation of a TIFF-B file and, as a result, will be included in the user fee for the Production Manager. The resolution of the TIFF-B files doesn't matter in this case.

### 2.2 "PageOutput" sequence

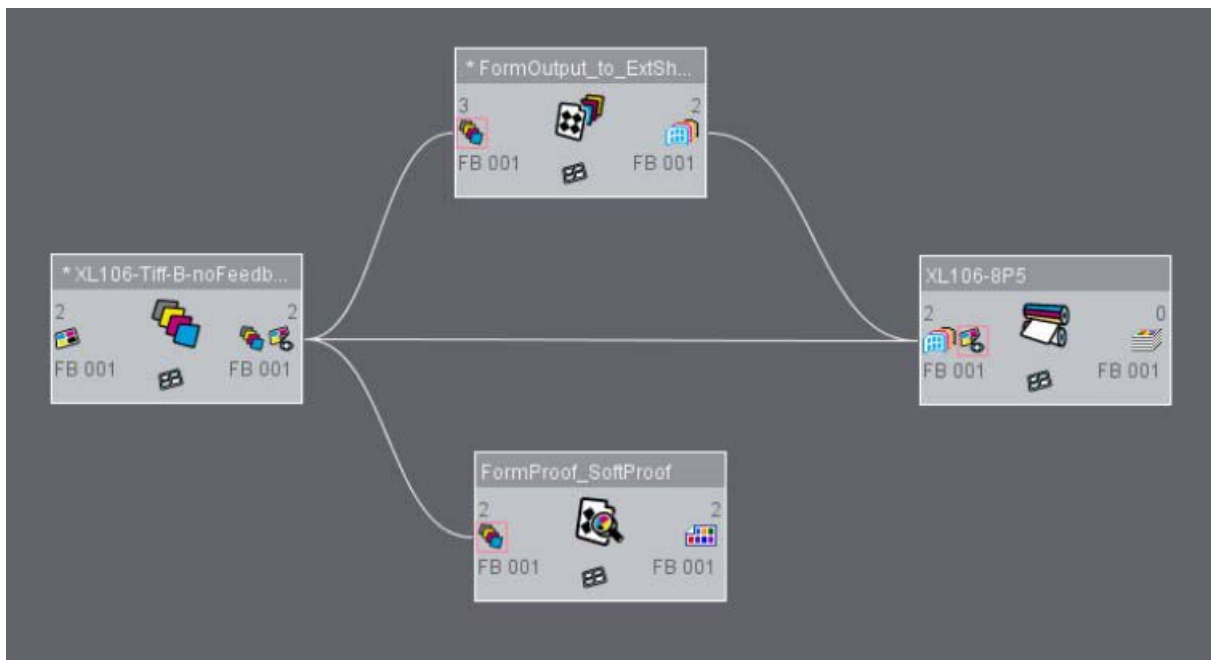
The "PageOutput" sequence can be used to print single pages or render proof outputs. To determine the chargeable actions, the resolution used is relevant:

- If the TIFF-B file with a maximum of 600 dpi is calculated, it is not included.
- If the resolution is greater than 600 dpi, the calculated TIFF-B file can be used to output a plate and is therefore relevant for the monthly user fee.

### 2.3 ROOM Proof

In the ROOM Proof workflow ("RIP once, output many"), the TIFF-B file is first calculated with the "ImpositionOutput" sequence and then descreened with the "Formproof" sequence and then used for proofing. The aim here is to reuse the TIFF-B file already calculated for plate output in the case of a faultless proof. To ensure this, the Prinect workflow must be set so that the downstream plate output is done with the "FormOutput" sequence. Only this setting ensures that TIFF-B files already calculated are used for plate output. However, if the "ImpositionOutput" sequence is used for plate output, a TIFF-B file is calculated again from the descreened content. In this case, both TIFF-B calculations would be taken into account for the user fee.

In addition to the different procedure with rendering, additional separations are also required in the ROOM Proof workflow. The "Formproof" sequence used must have a "ProofColor" separation, for which an additional TIFF-B file that is relevant to the user fee is generated, but is not used for plate output.



In packaging printing, additional separations with a "DieLine" property can also be calculated as TIFF-B files to check the geometry and die shapes in the proof. These TIFF-B areas are also included in user fees, even if they are not used for plate output.

erk > INTEGRATIONSRV > PTJobs > Jobs > 2017-05 > 11516 > 10688 > Plates > TiffB_XL105_70er_GC1_RND				
Name	Änderungsdatum	Typ	Größe	
10688_FaltschachteIn_BG0_F_Cyan.tif	19.07.2017 11:41	TIFF-Bild	3.494 KB	
10688_FaltschachteIn_BG0_F_Magenta.tif	19.07.2017 11:41	TIFF-Bild	4.195 KB	
10688_FaltschachteIn_BG0_F_PANTONE 186 C.tif	19.07.2017 11:42	TIFF-Bild	6.795 KB	
10688_FaltschachteIn_BG0_F_PANTONE 302 C.tif	19.07.2017 11:41	TIFF-Bild	22.183 KB	
10688_FaltschachteIn_BG0_F_PANTONE 327 C.tif	19.07.2017 11:41	TIFF-Bild	17.496 KB	
10688_FaltschachteIn_BG0_F_ProofColor.tif	19.07.2017 11:42	TIFF-Bild	8.727 KB	
10688_FaltschachteIn_BG0_F_Stanze.tif	19.07.2017 11:42	TIFF-Bild	5.791 KB	
10688_FaltschachteIn_BG0_F_Yellow.tif	19.07.2017 11:41	TIFF-Bild	3.844 KB	

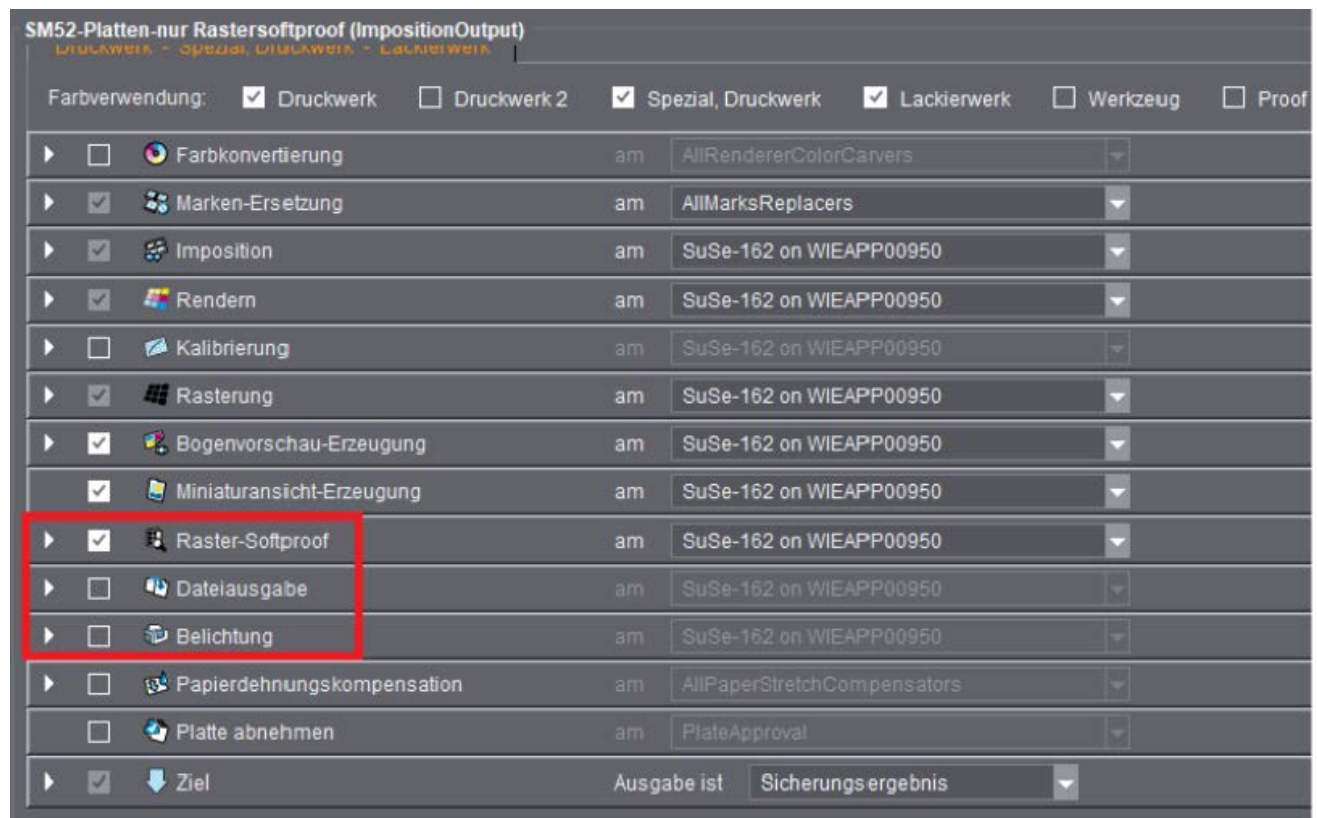
### 3 TIFF-B area versus plate imaging window

The area of the calculated TIFF-B files is not automatically equivalent to the imaging window of the output plates. In most cases, the area of the calculated TIFF-B is slightly larger than the area of the output plates.

Common reasons for this are:

- The calculation process ("rendering") is repeated several times because errors (e.g. missing trim) are still detected after calculation and before imaging.
- If a started "ImpositionOutput" process is canceled, all TIFF-B files calculated up to this point and the TIFF-B file currently being processed at the abort time are relevant for square meter billing.
- The ROOM Proof workflow is used, but is not configured correctly, or errors are detected when checking the proof, which requires that TIFF-B files be recalculated (see ROOM Proof).

In many cases, if there is no ink presetting data on the press, the CIP3/CIP4 files are recalculated with the "ImpositionOutput" sequence. In this case, however, TIFF-B files already created are also recalculated. These TIFF-B files that are calculated twice are relevant for user fee billing. This double, fee-based calculation can be easily bypassed by using an additional "ImpositionOutput" sequence without file output. This setting sends only the CIP3/CIP4 data to the press, but does not calculate new TIFF-B files.



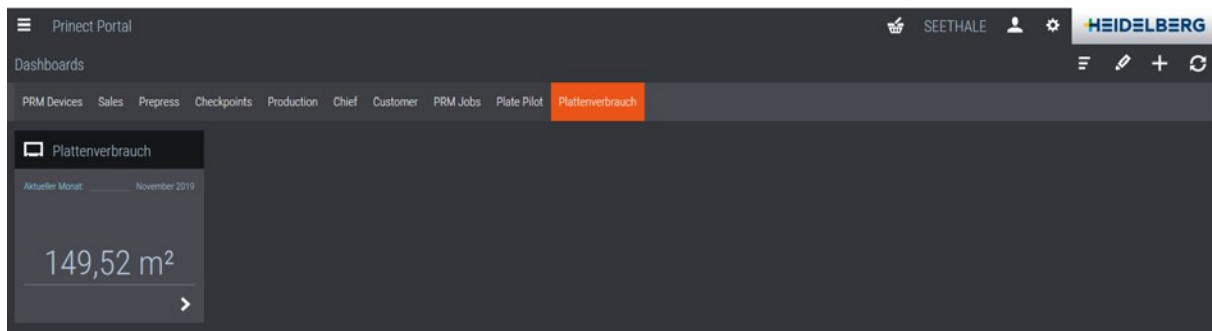
#### 4 Portal "Plates used" widget

In order to be able to understand the calculated, chargeable TIFF-B area, the Prinect workflow provides a suitable function. This can be invoked as a "Plates used" widget via the Prinect Portal.

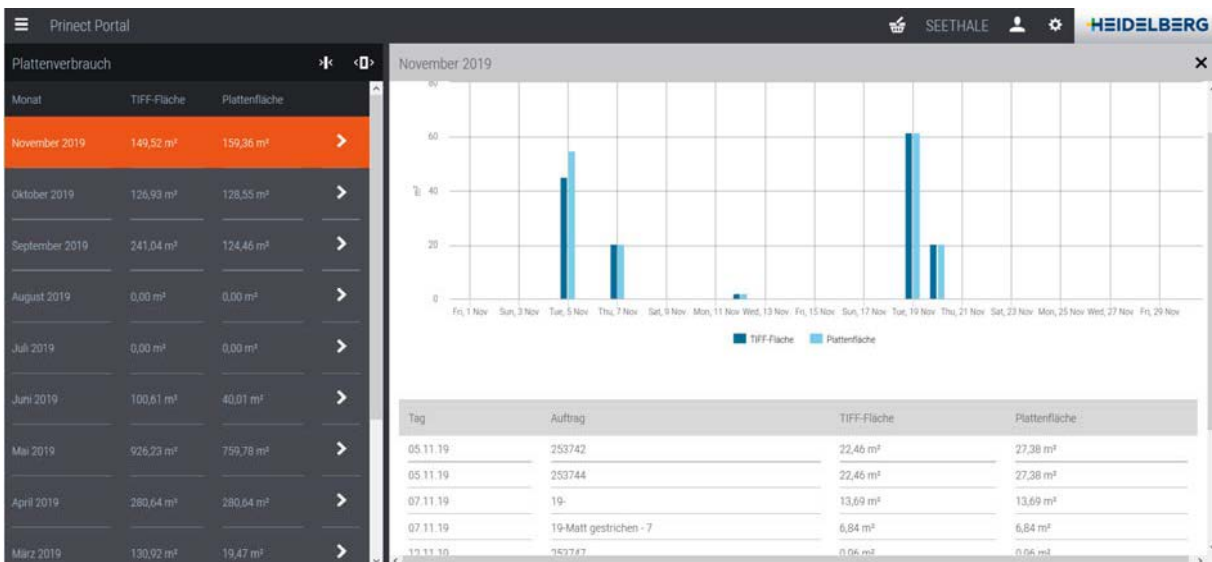
The Prinect Portal is part of every Production Manager workflow and can be accessed via Tools > Portal in the menu bar of the Prinect Cockpit.

The widget can be added to any dashboard in the Portal. If there is no dashboard, create a new dashboard with the "+" sign on the right of the screen. You can add more widgets by clicking the "+" sign within the dashboard. The "Plates used" widget is found in the "Analyze Point" group.

In the summary view, the widget displays the TIFF-B area in square meters of the current month (value up to and including the previous day).



Clicking the widget opens the details view. For optimum transparency, the TIFF-B area and the area of the imaged plates are shown here in square meters. The following parameters can display: Monthly totals, daily totals, and a view by job ID. The table can be easily copied and pasted into a spreadsheet program.



This lets you always see how large the calculated TIFF-B area is that is used to calculate the variable user fee. The display of the values for the imaged plate area is available only for Heidelberg Suprasetters, not for 3rd party CtP devices.

## 5 FAQ

### 5.1 Proofing (PageProof/ImpositionProof/BookletProof/PageOutput, ImposePDF)

For proofing, no imageable TIFF-B format is normally calculated. Therefore, proofing actions are not relevant for monthly user fee calculations.

Exceptions:

- The "PageOutput" sequence: In this case, including the calculated Tiff-B area depends on the resolution (see "PageOutput" sequence).
- The ROOM Proof workflow (FormProof) (see ROOM Proof).

### 5.2 Digital printing (PagePrint / ImposePrint)

All activities related to digital printing expenses have no influence on the variable user fee of the Production Manager.

### 5.3 Color separation recalculation

If only one TIFF-B file each has to be recalculated for certain separations from a job because changes were made there, only these are taken into account for the user fee.

### 5.4 Reimaging plates

If a plate has to be re-imaged, e.g. due to mechanical damage, the following cases must be distinguished:

- If this renewed output is through a Prinect Shooter with the TIFF-B data already calculated, no recalculation is required. For that reason, this process is not relevant for calculation of the monthly user fee.
- In the case of Heidelberg CtP devices connected directly to the Renderer (Online CtP), a previously calculated TIFF-B file is not accessed on principle. In the event of re-imaging, the respective Tiff-B file must be recalculated and, consequently, is relevant for the monthly calculation.
- The re-issue of printing plates on the CtP device using existing TIFF-B files, e.g. from the hotfolder of a 3rd party CtP device, also does not affect the user fee since the TIFF-B file is not calculated again.

### 5.5 Thumbnails (preview) data

If the preview data and ink presetting data are missing, it is possible to avoid recalculation of the TIFF-B data if the ImpositionOutput sequence is set correctly.