

Product Information

Prinect Business

Version 7.31



September 2024

Dear Prinect User,

The Prinect Team at Heidelberger Druckmaschinen AG is pleased to announce the availability of the new Prinect Business Manager version 7.31 and to provide you with an overview of the key innovations in this document.

In this document you will find many links to in-depth information. You can decide whether the new features are so relevant that you want more information. We then forward to the "[Prinect Newsroom](#)" or the "[Prinect Online Help](#)", where more in-depth information, be it videos, texts or Power Points are available.

Last year we officially announced the new Prinect Business Manager Video Tutorials. You can find them in our Prinect Lounge on: [Prinect Video Tutorials \(prinect-lounge.com\)](#). Please feel free to take a look at them.

The table of contents on the next page will give you an initial overview. The online tool "[Prinect Know How](#)" is available for more details. More information on the Operating Systems supported with Prinect CR is available [here](#).

Our Product Information documents on Continuous Releases provide information on Prinect CR changes relevant for [Prinect Production Commercial](#). At the same place you can also find all information on Prinect CR changes relevant for [Prinect Production Packaging / Label](#).

IMPORTANT:

For the integration of Prinect Business Manager version 7.31 with the Prinect Production workflow at least Prinect CR Version 5055.0.4 is required. Compatibility is ensured via Cumulative Update Packages provided in your Prinect Maintenance Center.

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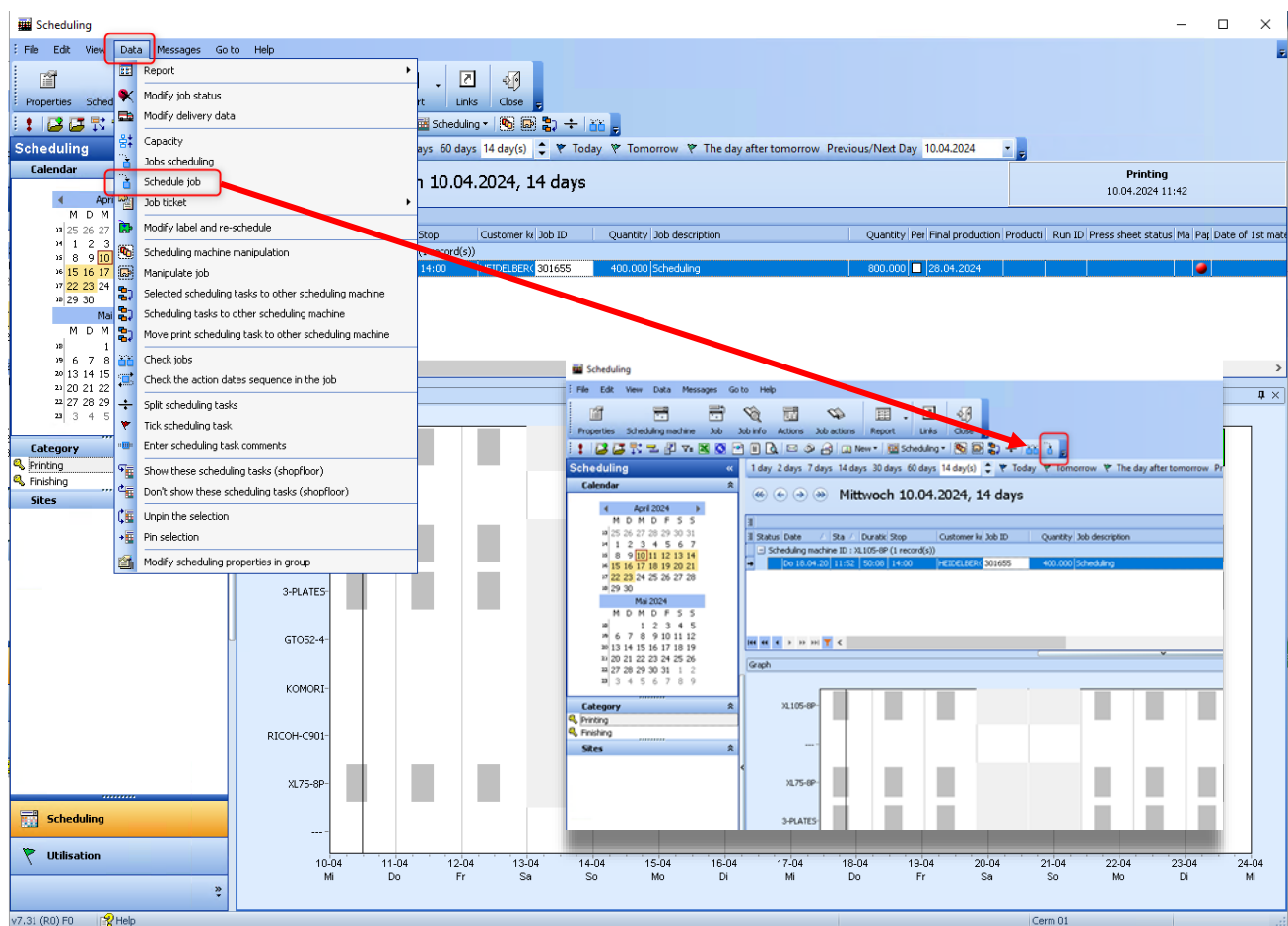
Prinect Business Manager

1 General improvements

1.1 New button "Job scheduling > Data > Schedule job" in main scheduling Data menu

To reschedule a job, the new menu item "Schedule job" has been added to the Scheduler. It is no longer necessary to select the job in the scheduling overview, click on the large "Job" button and finally click on the "Schedule job" button.

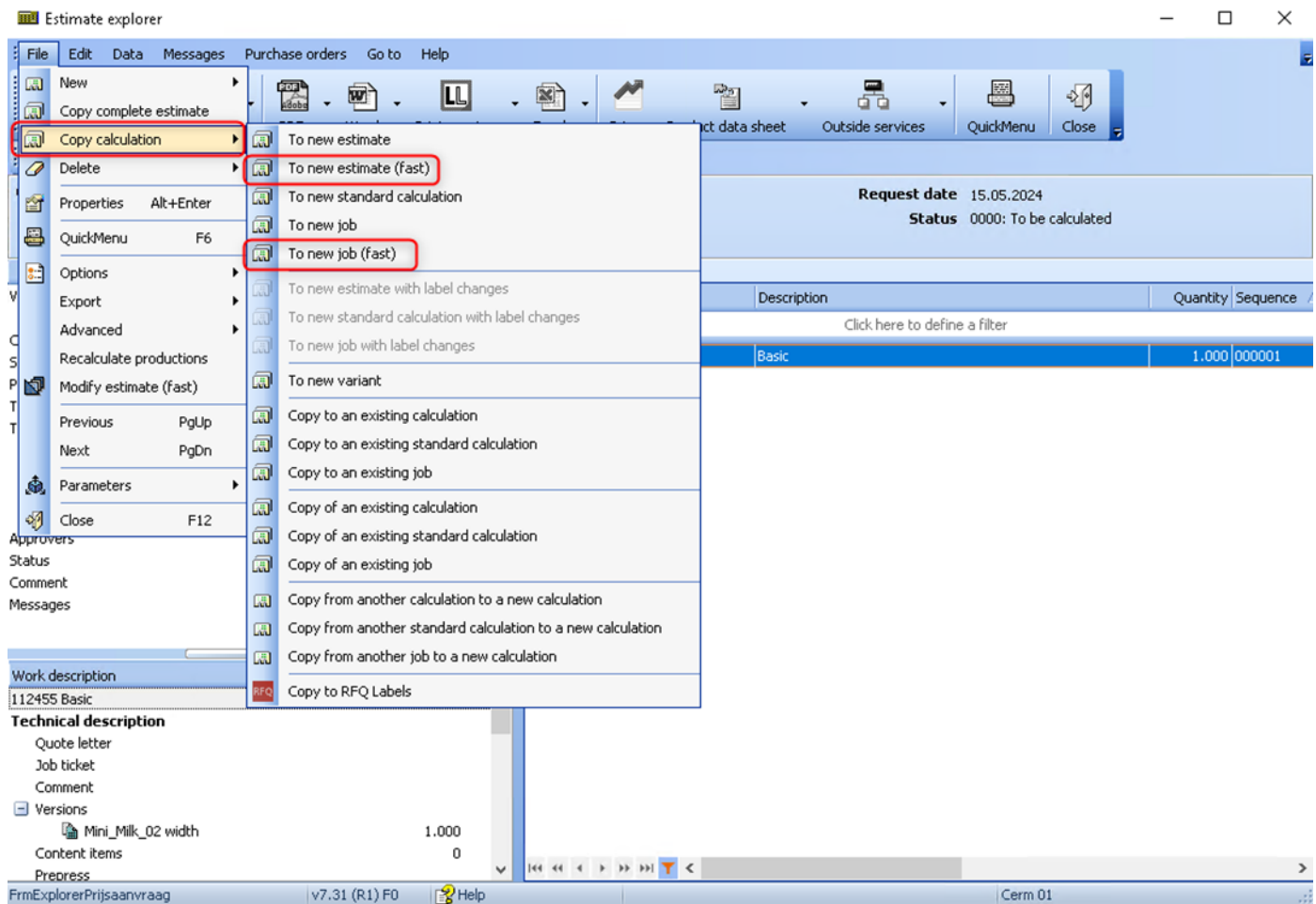
This procedure has now been simplified by just selecting the job in the scheduler and then choosing "Schedule job" under "Data". There is also the option of storing "Schedule job" as a small button in the toolbar. The job is selected in the scheduler in this window.



Details on this new feature are also available in the [Prinect Online Help V7.31](#).

1.2 New button for copy estimate / copy job (fast)

In many cases an estimate will not be changed when creating a job. For that purpose and to reduce touchpoints during job creation process we simplified that process and reduced the number of clicks. Based on the existing feature for „copy variant (fast)“ we have now implemented the same feature for „copy estimate to job“ and „copy estimate to estimate“.



Benefits:

- Reduction of touchpoints
- Time and cost savings through faster job creation

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

2 Workflow / integration improvements

2.1 New workflow for Sheeting (Roll to sheet)

In some countries it is a common practice to buy rolls instead of sheets and cut them into sheets with an Offline Sheeter. The reason is that paper rolls are mostly cheaper than sheets. The paper rolls are cut into sheets using a special cutting device. This additional process in production is known as "sheeting". Sheeting works in a similar way as pre-cutting sheets into processable printing sheets.

For each printing form, the Prinect Business Manager user can now add the cutting process before printing (or even before pre-cutting). Rolls are then displayed in the calculation instead of sheets. As for pre-cutting, there is also a process step with set-up and production time for sheet cutting, as used by print shops for the production of hardcover books. In other words, for the cover, the book block and the endsheets and even for the jacket. This is also common practice in mixed commercial print shops.

Modify press sheets -> Sheeting

Calculation: 112407 HEIDELBERG Basic
Quantity: 1.000 pcs.

Paper

630 x 880 (185 %)

Sheeting

700 x 880 (111 %)

General							Paper requirement					
Paper type	Paper ID	Description	Grammage	Width	Grain direction	Size	Certificate	Quality	Sheets	kg	m²	Sheeting
0	GLOS	GLOS 120	120,00	630	1	630 x 880 mm Long grain (LG)			449	29,87	248,93	Sheeting
0	GLOS	GLOS 120	120,00	720	1	720 x 1.020 mm Long grain (LG)			2.381	209,83	1.748,60	Geen sheeting
0	GLOS	GLOS 120	120,00	700	1	700 x 1.000 mm Long grain (LG)			1.021	85,76	714,70	Geen sheeting
0	UNCO	UNCO 2000	2.000,00	700	1	700 x 1.000 mm Long grain (LG)			116	162,40	81,20	Sheeting nie
0	GLOS	GLOS 120	120,00	440	1	440 x 630 mm Long grain (LG)			404	13,44	111,99	Geen sheeting

Click here to define a filter

Paper type: GLOS - 120,00 g/m²
Material: GLOS - 120,00 g/m²
Stock size: 630 x 880 mm Long grain (LG) (449 sheets / 30 kg / 249 m²)
Certificate: GLOS - 120,00 g/m²

Sheeting

Define the paper size:

Min. size press sheet: 630 mm x 880 mm 395 m / 30 kg / 249 m²
Paper width: 700 mm 395 m / 33 kg / 277 m²

Select a material:

100754 WEB Paper WHI 120 g/m² 700 mm FSC

☐ No sheeting

<< Back (F12) Next (F9) >> Cancel

Benefits:

- More convenient paper handling

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

2.2 Add product ID for varnish to the ink family in the JDF

For the new generation of Speedmaster XL106 printing machines, some information is required such as the coating material, in addition to details such as the screening / anilox rollers or coating plates, in order to make the presetting for the printing machine.

To be able to automatically transfer the selected material in future, the JDF must contain at least the MIS ID of the material. Up to now, the automatic selection of varnish (material) and screening roller in the Prepress Workflow was not possible. By passing on the MIS Material ID for the varnish (and for the screening roller), these resources can be automatically selected and passed on to the machine. On this basis, existing presets for this combination are automatically selected on the machine. In the example below the material has the Product ID="108398".

The prerequisite for this workflow is a connection between prepress and press to the Customer Portal (CP).

To get a better understanding of this workflow we provide the following video about the coating data workflow:



Video-Tutorial:

Coating Data Workflow

The screenshot shows the 'Modify inline finishing' window with the following details:

- Finishing type: 000001
- Press: 4213
- Folding scheme: AMALGAME
- Quantity: 1.563
- Paper: 720 x 1.020 mm 200,00 g/m²

Please complete:

- Description: Aqueous coating (gloss)
- Comment:

Change the material consumption:

- Material: 000010 (Aqueos Gloss Varnish W7365-45)
- Material: 108398 (GLOS Aqueos Gloss Varnish W7365-45)
- Material consumption: 100 %

The JDF code below shows the configuration for the ink family, with a red box highlighting the final line:

```

222 <Ink Class="Consumable" ID="Ink"
223 PartIDKeys="SignatureName SheetName Side Separation"
224 PartUsage="Implicit" Status="Available">
225 <Ink SignatureName="SN207868">
226 <Ink SheetName="ST207868">
227 <Ink Side="Front">
228 <Ink Separation="Black"/>
229 <Ink Separation="Cyan"/>
230 <Ink Separation="Magenta"/>
231 <Ink Separation="Yellow"/>
232 <Ink Family="Varnish" ProductID="108398" Separation="Aqueous coating (gloss)"/>
233 </Ink>
  
```

Benefits:

- Reduction of presetting time in production
- Consistent integration

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

2.3 General improvement of spot color / varnish handling

In the new version we have improved the handling and integration of spot colors in Prinect Business Manager and Prinect Production Manager. Due to our Mixed Commercial and One-Up workflow we have been forced to rethink the handling of spot colors. With the new feature we reduced touchpoints and additional efforts for doublechecks and corrections in our Prinect Business Manager as well as in the Prinect Production Manager.

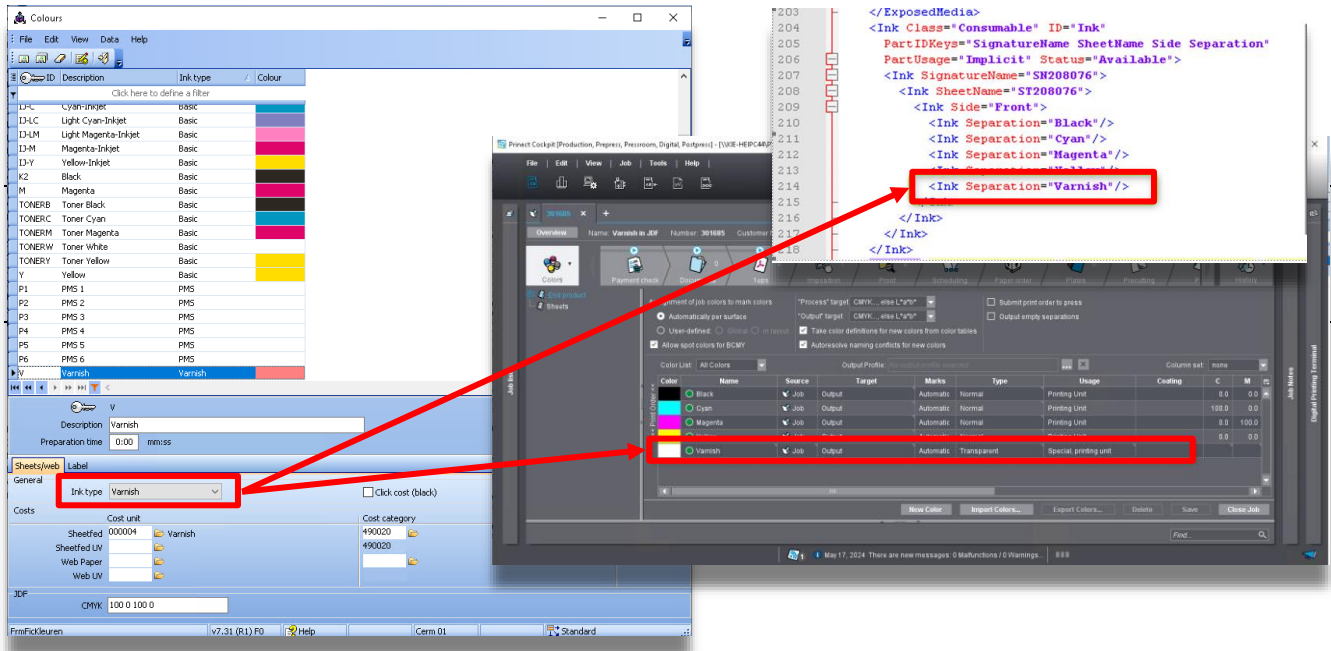
2.3.1 Modify entry for Varnish in JDF to get correct Color Settings in Prinect

Today there are 2 different ways using varnish in a print job.

- Use of a separate coating unit. A separate operation is then used for the calculation in Prinect Business Manager
- Use varnish in the printing unit. The varnish is to be applied in the Prinect Business Manager as a color of the ink type "Varnish" and is part of a color code

As soon as the calculation has been calculated with a defined color code with coating, the sheet is coated in the printing unit. In former versions all transparent colors are passed in the JDF with the same entries. This has led to incorrect conversion of printing varnish in Prinect if some other sheet related finishings like laminating is done before folding. This has been improved in this new version:

Colors with the ink type "Varnish" are now no longer treated as a coating unit. They appear in Prinect in the ColorTable as "Type:Transparent" and "Usage:Special Printing Unit". In contrast to that InlineFinishing coating is still used for a coating unit. It appears in Prinect as "Type: Transparent" and "Usage: Coating Unit".



Details on this new feature are also available in the [Prinect Online Help V7.31](#).

2.3.2 Improved handling of spot colors

The idea of this improvement is again to help reducing touchpoints in spot color handling between Prinect Business Manager and Prinect Production Manager. Up to version 7.30 we always had to intervene manually for each job to correct the colors in Prinect:

Now we are able to send correct information for spot colors from Prinect Business Manager to Prinect Workflow. **But** before using this workflow you need to check first if all necessary basic requirements are fulfilled:

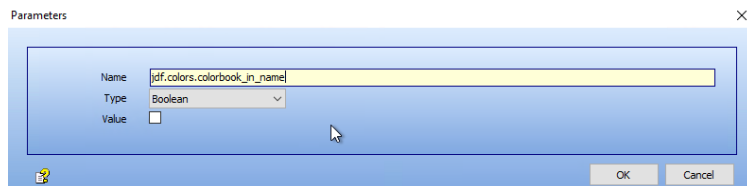
1. All PMS / spot colors have to be completely reorganized and renamed to the correct Colorbook entries, e.g. **"Pantone 1525 C"** instead of **"1525"** or **"Pantone 1525"**.

The image shows a snippet of JDF code for color management. A red box highlights the following line:
 `<Color Name="PANTONE 1525 C" HDM:Purpose="Printing" ColorBookEntry="PANTONE 1525 C" ColorBook="PANTONE® Solid Coated-V4"/>`
 Another red box highlights the line:
 `<ColorantControl SignatureName="SN112080" SheetName="ST112080" ColorantOrder="Black" />`
 To the right, a dialog box titled 'JDF' shows the mapping:

Colorbook	PANTONE® Solid Coated-V4
Colorbook entry	PANTONE 1525 C
sRGB	

 Red arrows point from the JDF code to the dialog box, indicating the mapping of the colorbook entry and the colorant control.

2. Additionally the right colorbooks have to be assigned to the latest available colorbook version, e.g. "PANTONE® Solid Coated-V4". Please pay attention to the correct spelling.
3. And to be sure that Prinect Business Manager sends in future the right ColorBookEntries in the JDF you have to implement the new and improved naming for spot colours. For that purpose you need to add a special "boolean parameter" in the system management and set it to "false".



As result you will get the correct assignment for the PMS / spot colors in Prinect Production Manager without any further manual interaction.

The image shows the Prinect Production Manager interface. The 'Colors' tab is active, and the 'Assignment of job colors to mark colors' section is expanded. The 'Automatically per surface' radio button is selected. The 'Allow spot colors for BCMY' checkbox is checked. The 'Take color definitions for new colors from color tables' checkbox is also checked. The 'Autoreresolve naming conflicts for new colors' checkbox is checked. The 'Color List' is set to 'All Colors'. The 'Output Profile' is 'No output profile selected'. The 'Column set' is 'none'. The table below shows the color assignment:

Color	Name	Source	Target	Marks	Type	Usage
Black	Black	Job	Output	Automatic	Normal	Printing Unit
Cyan	Cyan	Job	Output	Automatic	Normal	Printing Unit
Magenta	Magenta	Job	Output	Automatic	Normal	Printing Unit
Yellow	Yellow	Job	Output	Automatic	Normal	Printing Unit
PANTONE 1525 C	PANTONE 1525 C	PANTONE® Solid Coated-V4	Output	Automatic	Normal	Printing Unit

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

2.3.3 Dynamic colour columns (ColorBookEntry)

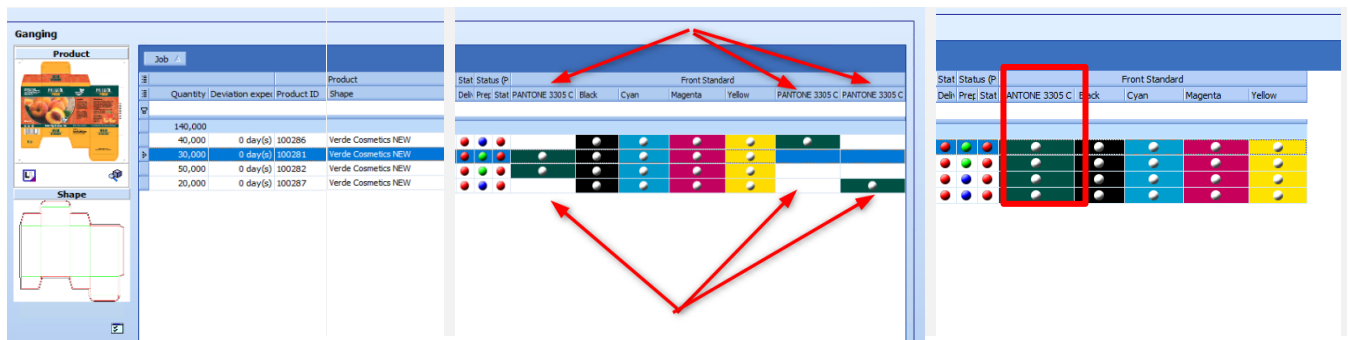
The next new feature belongs to the last mentioned feature for improving the spot color handling:

In the Ganging-Wizard, the BM treats spot colors with the same name and different ColorBooks as different spot colors. Which is in fact not true. These products will be produced with just one spot color! So, if there are several products with the same spot color (identified by the ColorBookEntry but with different ColorBook-Entries), the solution is to just show one column for all of those colors with the same "Name/Entry". These columns now react dynamically.

Wizard for Sales Order Ganging:

Old behaviour

New behaviour



Benefits:

- More clarity in ganging process
- Higher precision in calculation

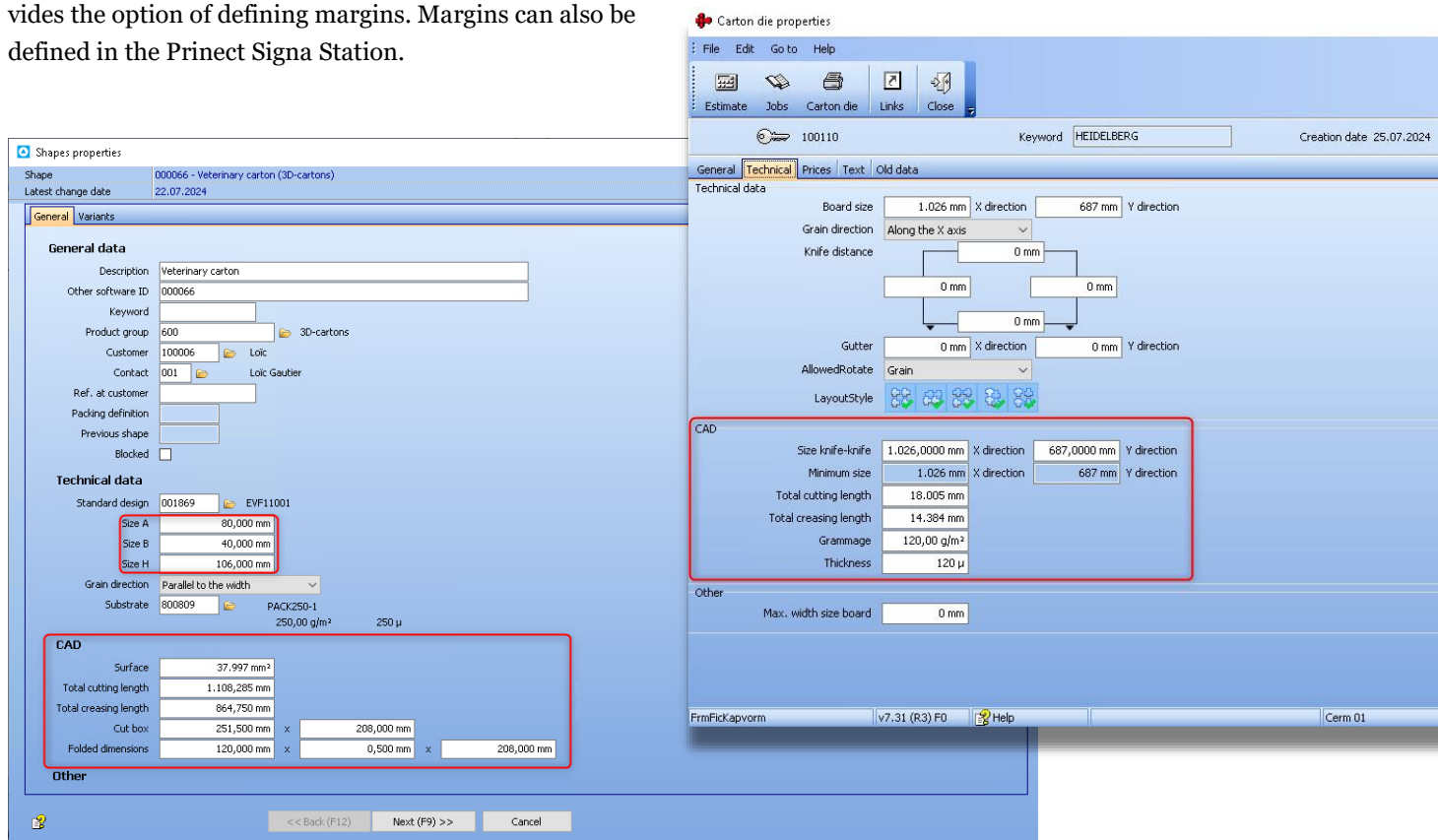
Details on this new feature are also available in the [*Prinect Online Help V7.31*](#).

3 Packaging improvements

3.3 Pass technical properties for Shapes / Die Boards from PPD to PBM

With Prinect Business Manager version 7.31 the technical data for Shapes and Die Boards will now be sent from Package Designer as a xJMF via Prinect to the Prinect Business Manager. Technical properties of CAD files are necessary for further processes and costs in Prinect Business Manager. This information must be provided by the CAD software.

The technical properties for Shapes and for the Die Boards will be sent from the Prinect Package Designer via PD Connect in Prinect to the Prinect Business Manager. PD Connect is a Prinect process that includes a connection to the Prinect Package Designer. These margin values are sent to the Prinect Signa Station so that the layout can take these margins into account. The Prinect Business Manager provides the option of defining margins. Margins can also be defined in the Prinect Signa Station.



Benefits:

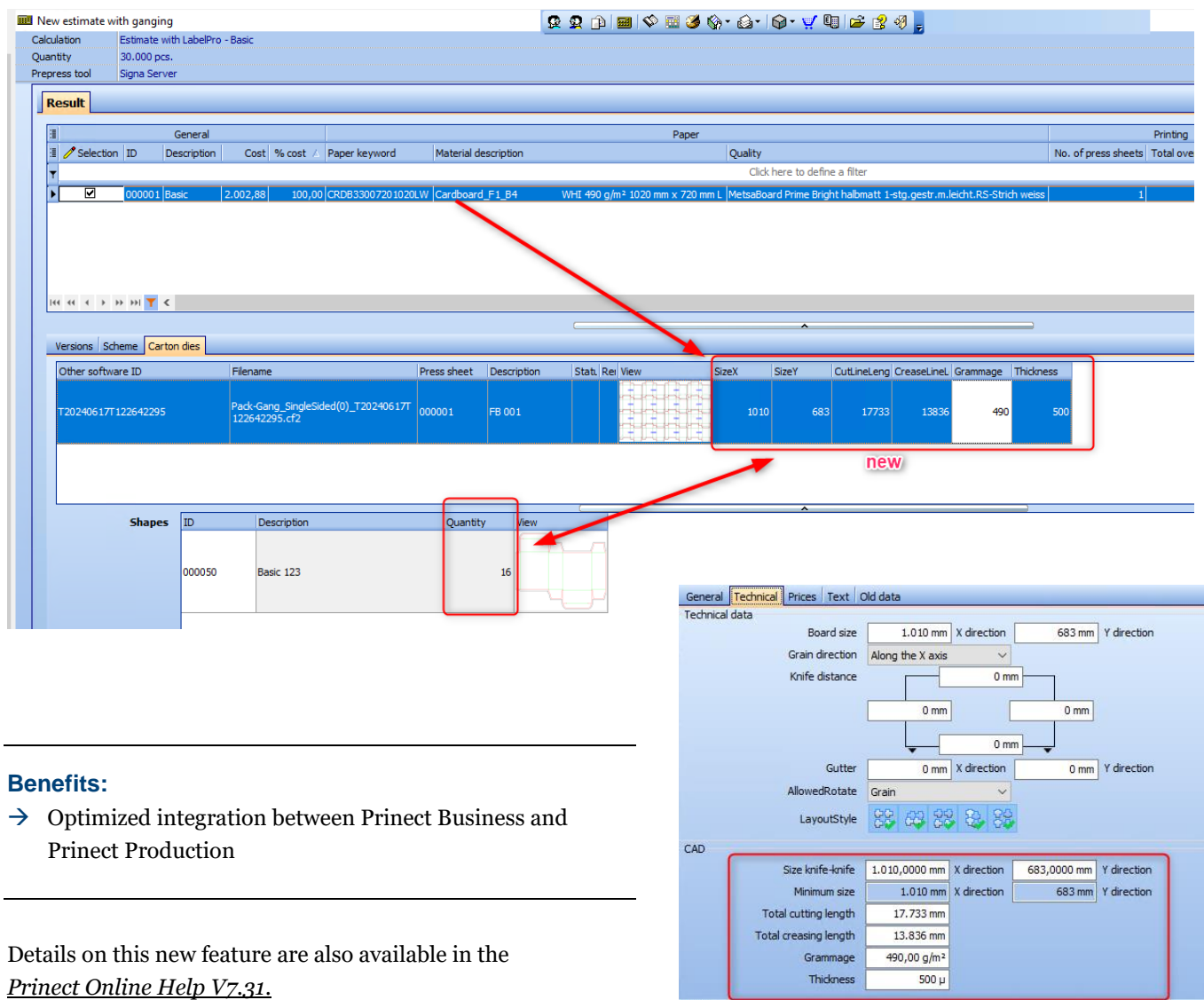
- Reduction of touchpoints
- Higher automation

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

3.4 Pass technical properties for Signa Label Pro Workflow

Technical properties of CAD-files are necessary for further processes and costs. These information needs to be provided by the CAD-Software. In case the carton die layout is created by Prinect Signa Station Label Pro (a plugin of Prinect Signa Station) in the estimation or the sales-order-ganging-wizard, the technical properties are provided now as well.

When converting the "temporary tool" into a "permanent tool", the data is also kept.



Result

Selection	ID	Description	Cost	% cost	Paper keyword	Material description	Paper	Quality	No. of press sheets	Total ove
<input checked="" type="checkbox"/>	000001	Basic	2.002,88	100,00	CRDB33007201020LW	Cardboard_F1_B4	WHI 490 g/m² 1020 mm x 720 mm L	MetsaBoard Prime Bright halbmatt 1-stg.gestr.m.leicht.LRS-Stich weiss	1	

Click here to define a filter

Versions | **Schema** | **Carton dies**

Other software ID	Filename	Press sheet	Description	Stat.	Rei	View	SizeX	SizeY	CutLineLeng	CreaseLineL	Grammage	Thickness
T20240617T122642295	Pack-Gang_SingleSided(0)_T20240617T122642295.cf2	000001	FB 001				1010	683	17733	13836	490	500

Shapes

ID	Description	Quantity	view
000050	Basic 123	16	

Technical data

Board size: 1.010 mm X direction 683 mm Y direction

Grain direction: Along the X axis

Knife distance: 0 mm

Gutter: 0 mm X direction 0 mm Y direction

AllowedRotate: Grain

LayoutStyle: [Icons]

CAD

Size knife-knife	1.010,0000 mm	X direction	683,0000 mm	Y direction
Minimum size	1.010 mm	X direction	683 mm	Y direction
Total cutting length	17.733 mm			
Total creasing length	13.836 mm			
Grammage	490,00 g/m²			
Thickness	500 µ			

Benefits:

- Optimized integration between Prinect Business and Prinect Production

Details on this new feature are also available in the [Prinect Online Help V7.31](#).

4 General improvements for version 7.31 – CERM Online Help

In addition to the above mentioned improvements for the version 7.31 the other software segments / modules of Prinect Business Manager are improved as well. In this Product Information we would like to point out that this document is just a summary of the Prinect Business Manager enhancements with focus on the commercial / mixed commercial part.

Listed below you can find an excerpt of important general changes in version 7.31:


- **Avalara E-invoicing now available** – There is a global trend towards mandatory e-invoicing and live reporting for B2G and B2B transactions. This impacts companies already today in quite some countries and many countries will follow shortly for mandatory B2B e-invoicing. Cerm can not follow-up on all e-invoicing requirements and develop direct interfaces to cover all these cases on a global scale. So, CERM have partnered with Avalara to provide a globally integrated solution.

To get an impression of the complete list of enhancements, please use the following link to the CERM Online help:

[General news for Prinect Business Manager version 7.31.](#)

Note: All Online CERM help is now moved behind the CERM ID. The public help of CERM is no longer available. The links still work but don't reveal any information anymore. They redirect to the location behind CERM ID.

Release notes



The content you are looking for is available in [the full CERM online help](#), for which you require a CERM ID.

Or look in the local help through the F1 function key from within the Cerm7 software

You have a CERM ID?

[Use this link](#) to access the topic.
Also, update your bookmarks!

You don't have a CERM ID?

[Read more on the CERM ID and get instructions on how to activate your CERM ID](#)

If you do not have direct access to the CERM Online Help or you have not yet created a CERM ID, please follow the instructions below in the CERM Online Help to generate a [CERM ID](#).