



Product Information

Continuous Release Info 1 – News up to Prinect 2021.10.13



January 2023

Summary

As announced in the previous Product Information THE major change in Prinect 2021.10 was its ability to be **continuously improved** after its installation.

Prinect 2021.10 has been rolled out to numerous production sites starting last year November and all sites working with that version since then have received several **Continuous Update Packages** with new functionality. We are happy to inform you on the updated information mechanisms as well as some of the functionality and changes that have been implemented with the Continuous Update Packages provided since releasing the first Prinect 2021.10 version.

In addition, we want to take this first **Continuous Release Info** as a starting point for announcements on major changes in upcoming Continuous Release Packs.

New functions / benefits of update packages up to 2021.10.13 at a glance:

- Release Notes with links to online documentation accompany each update package
- Several more recent operating systems released
- Business Manager now included in continuous release process
- Additional Proofers connectable
- Possibility to add performance to automated Impositioning and ganging

Outlook to Prinect 2021.10.14 and 2021.10.15

- PPF Handler with Combiner functionality
- New Adobe APPE 6

Announcement

- New Central Color Library in preparation

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Continuous improvements and information



As announced in our previous Product Information, we have started to regularly deploy Cumulative Update Packages via our Prinect Maintenance Center (PMC) to all customers with Production Manager contracts, Maintenance contracts or still under warranty. This went hand in hand with updated information distribution mechanisms as follows.

1 Continuous Information

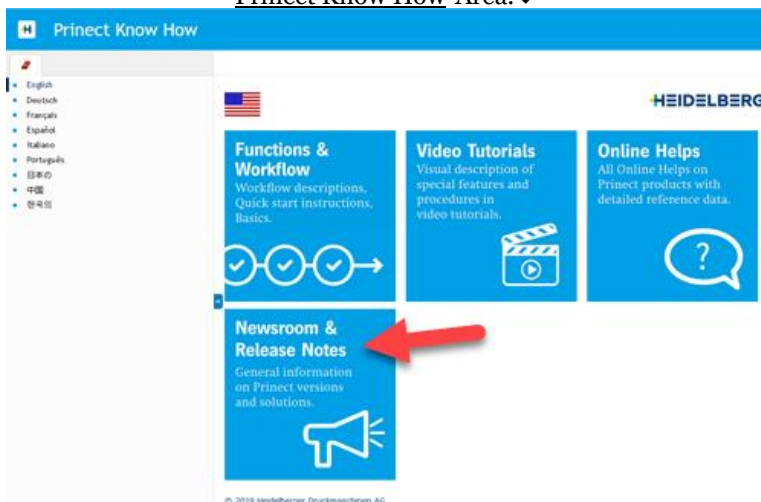
1.1 Info on Package content available in Release Notes

Each continuous update package is accompanied by corresponding entries in the [Prinect Release Notes](#). →

The always up-to-date information can easily be reached with the link in the previous sentence and just as comfortably

- from the Prinect Maintenance Center as well as
- from inside the Prinect Online help of each of the Prinect applications you are using as soon as the operator has internet access.

The new features or changes inside of the update package are briefly described (→) and do usually link directly to the online helps and/or – where appropriate – video tutorials available in the [Prinect Know How](#)-Area. ↓



HEIDELBERG

Prinect Release Notes
Edition: 11/23/2022

Prinect 2021.9.12 Prinect 2021.9.11 Prinect 2021.9.10 Prinect 2021.8.9 Prinect 2021.8.8 Prinect 2021.8.7 Prinect 2021.8.6
Prinect 2021.8.5 Prinect 2021.8.4 Prinect 2021.8.3 Prinect 2021.8.2 Prinect 2021.8.1

Prinect 2021.10.12
Release Date: 11/23/2022

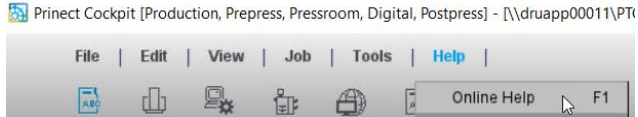
Module	Release Notes	Link to documents
BUSINESS MANAGER	System and Operating System prerequisites For the System and Operating System prerequisites applying to the present media set please refer to the PDS-to-the-right	Prinect System Requirements (PSR) Prinect System Requirements (PC)
BUSINESS MANAGER	Major change to our "release procedure" Due to "Prinect's New Continuous Release Process" we are now publishing the latest Prinect Business Manager as part of each MediaSet that is available in our Prinect Maintenance Center. It is no longer provided separately but always in a package (MediaSet) together with other Prinect components. If you need assistance, please contact your Heidelberg Service Center.	
BUSINESS MANAGER	Changes in Version 7.27 The changes are described in the document "What's new in Prinect Business Manager" and in the Product Information (PDI). See the column "Link to documents".	What's New in Prinect Business Manager Product Information (PDI)
SEMA SYSTEM	Margin around the block of tips only for "marginless" tips as an alternative With the option "Only for marginless" tip, you can ensure that the set "margin around tip block" is not added to the resulting margin for tips with margin, but is only used for tips without margin. Tips are considered "marginless" if the area- and margin is zero.	

RENDERER Additional resolution of 2438dpi in the Tiff-B export for Fuji recorders
The resolution of 2438dpi has been implemented in the following screen systems:
Prinect Hybrid Screening; IS Classic; IS Classic+7.5"; IS CMYK+7.5"; IS Yfine; ISY30; IS Y60; Prinect Stochastic Screening II fine; Prinect Stochastic Screening II superfine

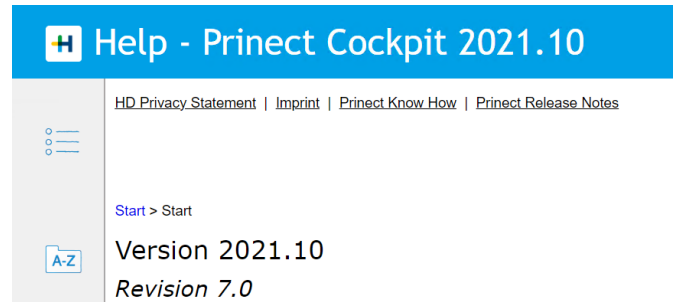
[Rasterfrequenzen Prinect Renderer \(PDE\)](#)
[Screen Frequencies Prinect Renderer \(PDE\)](#)

1.2 Online help continuously updated and available from within the applications

For a long time already our online help files (→) can be reached either via the Help menu



or, as suggested there, by pressing “F1” inside of the application.



Utilizing “F1” from within the application is context sensitive in very many cases and then directly leads you to the corresponding chapter of the online help. If you are interested in learning how to make best use of the documentation watch this video: [Online Help en.mp4](#)

2 System Requirements

2.1 Most recent documents provided in the Release Notes

The Release Notes do not only provide info on the features / changes inside the software. They also host the most recent version of the Prinect System requirement documents

Prinect 2021.10.12

Release Date: 11/23/2022

Module	Release Notes	Link to documents
	System and Operating System prerequisites For the System and Operating System prerequisites applying to the present media set please refer to the PDFs to the right.	Prinect Systemvoraussetzungen (PDF) Prinect System Requirements (PDF) Prinect Operating Systems (PDF)

- [Prinect system requirements 2021 EN.pdf](#)
- [P2021 Operating Systems Systemplattformen Rec.pdf](#)

In addition, we have recently released a Prinect IT Product Information ([PI 2022 Prinect IT EN.pdf](#)) in which the most recent system requirement changes are documented in detail. The most important ones are the following:

2.2 Prinect 2021.10.6 released Microsoft Server 2022, Windows 11 and macOS12.0 (Monterey)

Windows Server 2022 64-bit, Windows 11 Professional 64-bit, as well as macOS 12.0(Monterey) can be used with Prinect since version 2021.10.6.

2.3 More Memory needed for Prinect Signa Station from Version P2021.10.13 onwards

Prinect Signa Station requires 8 GByte RAM from Prinect 2021.10.13 onwards to ensure working smoothly. The Prinect Maintenance Center will check the new minimum RAM requirements before the update to Prinect P2021.10.13. If the computer does not meet the specifications, the update will not be performed. The check for the Cockpit computers has also been adapted.


2.4 Apple macOS 10.14 (Mojave) to be discontinued with the release of macOS 13 (Ventura)

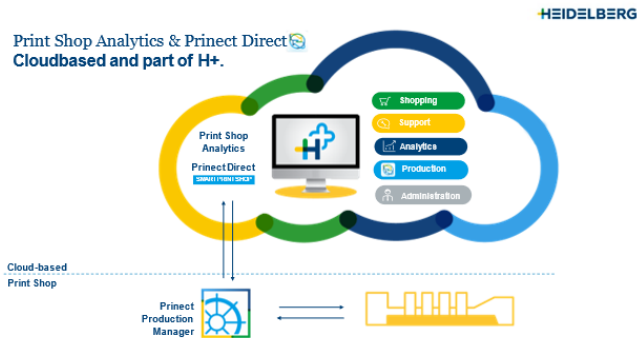
As soon as we release macOS 13 (Ventura) for Prinect in spring 2023, we will discontinue the support of macOS 10.14 (Mojave) for Prinect.

Strong recommendation:

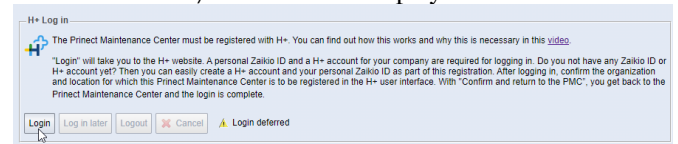
- Please do NOT use macOS 10.14 for new Prinect installations.
- Please upgrade your respective machines to the most recent Mac operating system released for Prinect.


3 Prinect 2021.10 can be connected to H+ in first markets

The Prinect Production Manager is and remains the basis to make  technically possible. All data will be collected and buffered in the Prinect Production Manager before it is transferred to the cloud. Also, new Heidelberg cloud functionalities will be made available via the Prinect Production Manager. The Prinect Production Manager with the most recent cumulative update packages installed is the bi-directional gateway/ communication hub between H+ and the customer. (Remark: A permanent Prinect Production System under software maintenance contract can also be used as the gateway to H+.)



As soon as a market organisation is ready to roll out H+ functionality the Prinect Maintenance Center from Prinect 2021.10.7 onwards will display this line



where it asks you to connect your Prinect system to . From that entry, you can reach the video tutorial “Onboarding with H+”.

This video introduces you to H+, explains what you need to register, and how to connect your PMC to H+. The last chapter "How do I register my organization with H+ via the PMC?" guides you through the registration process step by step. It is beneficial to agree on the H+ organization owner before starting that process. The authentication in PMC is done via the H+ Account and Prinect Site ID.

3.1 Prinect PMC offers Security Advisor for all Prinect sites (≥ 2021.10.11) connected to H+

Security is an extremely important issue and is sensible for each production site. To assist our customers in making their Prinect Production workflow on site safer we introduce the “Security Advisor”: a new tool inside our Prinect Maintenance Center in Prinect sites from version 2021.10.11 onwards that are connected to H+.

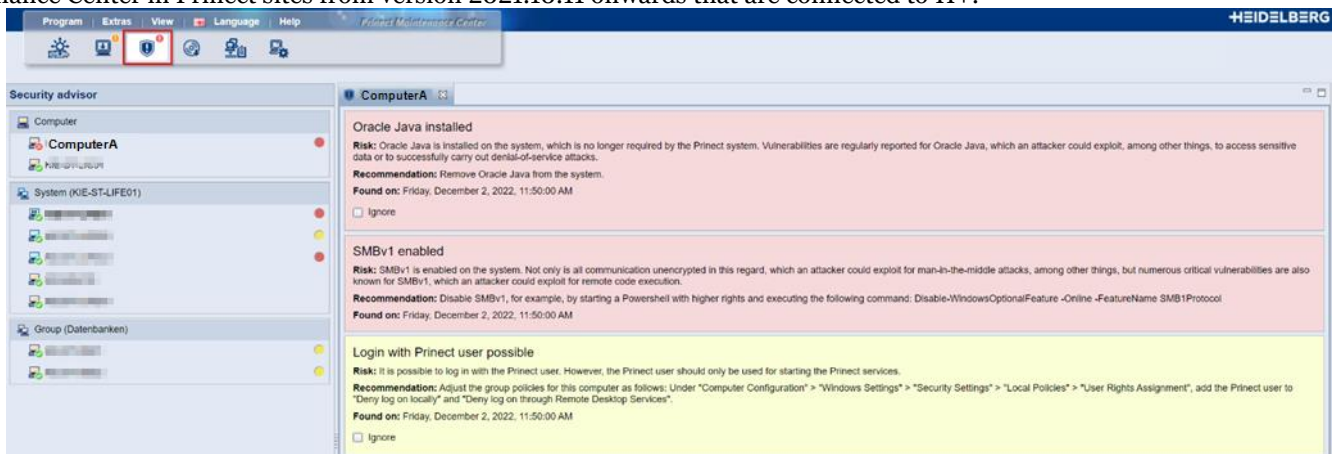


Table 1: PMC Security Advisor View

In the local Prinect system environment, the Security Advisor constantly observes the Windows computers connected to the Prinect Maintenance Center for existing security problems and provides recommendations on how to rectify these problems. To use Security Advisor, the PMC's H+ connection must be enabled, and the PMC must be logged on to H+.

During first introduction of PMC Security Advisor we focus on checking Microsoft Windows based computers. The following security checks will be performed on the Windows computers in the local Prinect system environment:

Security Check	Description
Windows Operating System updates	Warns about missing Windows operating system updates
Flash Player installation	Warns about an installed Flash Player
Virus Scanner status	Warns about missing virus scanner
Prinect user is interactive user	Warns that a Prinect user is an interactive user with administrator rights
Oracle Java installation	Warns about a Java installation
SA password setting	Warns about a missing System Administrator password of the database
SMBv1 service support	Warns about an activated SMBv1 service
App execution prevention	Warns if no execution prevention for unknown apps is installed

For more details, please refer to the “[Security Advisor](#)” chapter inside the Prinect Maintenance Center online documentation.

Higher Prinect security level by PMC Communication via HTTPS protocol

From P2021.10.14 onwards the communication between Prinect computers can be performed by the HTTPS protocol. This rises the security level of the internal communication to a new level. The PMC acts as certificate authority and provides the certificate to all Prinect computers known by the PMC (inventory list).

4 New Prinect Integration functionality

As stated earlier, detailed information on more newly implemented functionality per update package is available in the Release Notes. We would like to highlight a few major changes briefly in the next few paragraphs.

4.1 Color Proof Pro 7.3 with new Proofer support integrated since 2021.10.8

The **list of proofers** that can be connected to Prinect 2021.10 is available at [P2021 + 21.10 Color Proof Pro Device List.pdf](#). In Prinect Continuous Version 2021.10.8.1 we have integrated the Color Proof Pro Engine 7.3 that allows to utilize the following new Proofing devices:

HP Proofers

HP DesignJet Z6 RGB
 HP DesignJet Z9 RGB
 HP DesignJet Z6 RGB 24in
 HP DesignJet Z9 RGB 24in
 HP DesignJet Z6 Pro RGB
 HP DesignJet Z9 Pro RGB

Canon Proofers

Canon imagePROGRAF GP-4000 CT
 Canon imagePROGRAF GP-4000 RGB
 Canon imagePROGRAF TX-2100 CT
 Canon imagePROGRAF TX-2100 RGB
 Canon imagePROGRAF TX-3100 CT
 Canon imagePROGRAF TX-3100 RGB
 Canon imagePROGRAF TX-4100 CT
 Canon imagePROGRAF TX-4100 RGB
 Canon imagePROGRAF TX-5210 CT
 Canon imagePROGRAF TX-5210 RGB
 Canon imagePROGRAF TX-5310 CT
 Canon imagePROGRAF TX-5310 RGB
 Canon imagePROGRAF TX-5410 CT
 Canon imagePROGRAF TX-5410 RGB
 Canon imagePROGRAF TZ-30000 CT
 Canon imagePROGRAF TZ-30000 RGB
 Canon imagePROGRAF TZ-5300 CT
 Canon imagePROGRAF TZ-5300 RGB

Did you know?

Since Prinect 2020.10 Color Proof Pro is capable to self-generate and self-optimize (iterate) ICC profiles making it a lot easier and faster to generate or optimize profiles and it is not necessary to use the Prinect Color Toolbox for this process. The **videos** with an introduction how to [Set up a Proofer with Color Proof Pro 7 \(11 min\)](#)/ ([Einrichtung DE](#)) and how to [Recalibrate a Proofer with Color Proof Pro 7 \(3 min\)](#) / ([Proofer rekalisieren DE](#)) are available in the Prinect KnowHow-Portal.

4.2 Prinect Renderer – APPE and new resolution

APPE 5.7 today, will be APPE 6.0 from 2021.10.15 onwards

With Prinect 2021.10.3 we have integrated Adobe PDF Print Engine 5.7 which delivered several improvements made by Adobe. The next APPE version 6.0, again with more stability and fixes shall be released with Prinect 2021.10.15 after final successful testing.

Additional resolution for easier Fuji imagesetter use

As Fuji imagesetters are relatively common in the market we have integrated the resolution of 2438dpi for TIFF-B-export in the following screening systems:

Prinect Hybrid Screening; IS Classic ; IS Classic+7.5°;

IS CMYK+7.5°; IS Yfine; ISY30; IS Y60;

Prinect Stochastic Screening II fine;

Prinect Stochastic Screening II superfine

This should make it easier to get into sites with a Fuji device that is still “too good to go” and can not yet be replaced by a Suprasetter.

4.3 How to get more performance for automated Impositioning and Ganging

New options: Additional Signa Server and Additional Gang Server

Larger customers demand increasingly higher automated workflow processes – and this in turn requires more Signa Server and Gang Server performance. In order to provide the required performance, we offer the option of adding additional Signa Server and Gang Server instances as of Prinect version P2021.10.13, depending on whether the servers are powerful enough. The two required new licenses for Prinect Signa Station can be ordered as options for the Production Manager as well as options for the Prepress Manager to serve customers with permanent licenses under software maintenance contract.

The “Additional Signa Server Instance” option increases the Signa Server performance on the production server of the Prinect system by adding one additional instance.

A maximum of 4 Signa (and/or Gang) server instances may be operated on the production server (this applies to system with a main memory expansion of 64 GB) – not on an additional server.

The option can easily be added to the Prinect Production Manager with Prinect Prepress.

A fixed license Prinect Prepress Manager needs to have an active Maintenance Contract AND the option PDF Automation Pack licensed. Without this, it is not possible to utilize additional Signa Server instances.

The “Additional Gang Server Instance” increases the Gang Server performance of the Prinect system by adding an additional Gang Server instance. An active Ganging Site License is mandatory for the operation of additional Gang Server instances. The option PDF Automation Pack is recommended for operation of additional Gang Server instances.

Gang Server instances can be operated independently of Signa Server instances on the production server and/or on an additional server. A maximum of 4 Gang Server instances are possible per server (applies to a main memory expansion of 64 GB). A maximum of 2 HW servers with additional gang server instances can be operated within a Prinect system (max. 8 gang server instances per Prinect system).

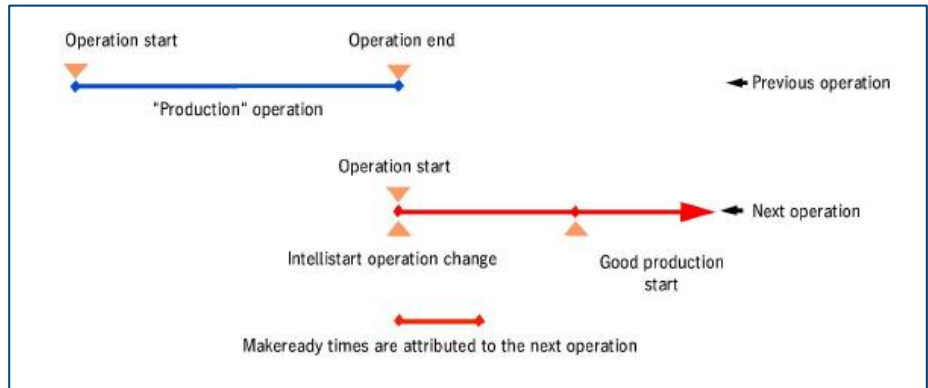
The existing Prinect Signa Station license keys stay valid as they are. If you order an “additional instance” via your distributor, additional instances are added to the license definitions.

4.4 Analyze Point: Choice of point in time for reporting of job change

New: Two different manners for registering the **point in time for job change** allow time reporting adapted to the print shop's needs.

- New job is registered as soon as the first printing plate is clamped (this is the up to now used default setting).
- New job is registered as soon as Intellistart starts the job change (this setting has to be chosen actively, only available for new presses).

Available as of Prinect Version 2021.10.9 and new printing presses with Press Center Software as of versions S21A.08.000_SFC, S21B.06.000_SFC, S22A.02.000_SFC or S22B.00.



For detailed information please refer to the respective chapters in the Prinect Cockpit online help linked below:

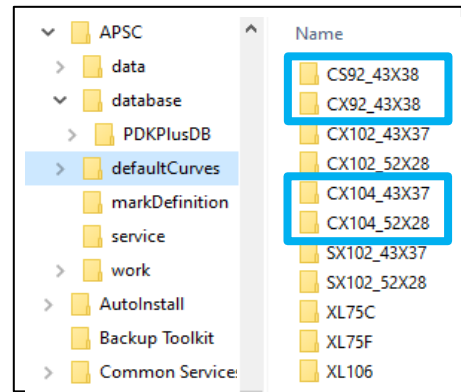
Process Description (EN)	(DE)
EN: Various procedures for collecting makeready times for a print operation change in offset printing	DE: Verschiedene Verfahren für die Registrierung der Rüstzeiten bei einem Druck-Arbeitsgangwechsels im Off-set-Druck
What's new in Analyze Point (EN)	(DE)
EN: What's New? > Analyze Point	DE: Was ist neu? > Bereich "Analyze Point"
Connecting machines (EN)	(DE)
EN: Trigger Option	DE: Trigger-Option

4.5 Prinect APSC “3 click compensation” for even more presses

Standard paper stretch compensation curves enable the user to start compensation and achieve much better printing results with

- only 3 clicks (with Prinect Production Manager in prepress) or
- 3 steps (with Prinect APSC in 3rd party prepress workflows).

New: Standard curves available for additional press types (see right).



Find more detailed information in the document [PI 2021-10 Prinect Automatic Paper Stretch Compensation EN.pdf](#)

4.6 Pressroom Manager incl. PPF Handler

Automated PPF Handler available

With the release of Prinect 2021.10 we have replaced the PPF Combiner in the Prinect Cockpit with the new Portal Widget **PPF Handler** delivering improved stability, performance, and support.

The configuration of the PPF processes (input and output directories, rotations, color code assignment) and the attribution rules are now carried out in the Prinect Portal as shown in the videos listed below

Available Training Videos (EN)	(DE)
PPF Handler in Portal (01) .en	PPF Handler im Portal (01) .de
Process Configuration PPF Import (02) .en	Prozesskonfiguration PPF-Import (02) .de
Extended Process Configuration (03) .en	Erweiterte Prozesskonfiguration (03) .de
List of PPF and Operations (04) .en	Listen für PPF und Operationen (04) .de

Customers that have been using the functionality before have got their existing PPF Hotfolders and configuration settings of the old PPF Import migrated by the upgrade. This went well for all customer “only” utilizing the automated PPF import features.

Customers requiring “Combiner” functionality had issues and could not yet be migrated to 2021.10. The missing functionality is currently in field test and shall become available with one of the next cumulative update packages.

Announcement: Combiner functionality most likely inside Prinect 2021.10.15.

5 Packaging & Label Improvements

5.1 More flexibility in Multi Sheet Layout creation with Prinect Signa Station Pack. & Label Pro

With the Nesting Wizard in Signa Station Packaging & Label Pro you can automatically create layouts in which the individual rups are nested within each other based on order quantity. This is particularly useful for packaging boxes or irregularly shaped labels to make optimum use of the press sheet and thus reduce material consumption. You are offered several layout proposals from which you can choose the one that suits best. As of Prinect Version 2021.10 the Multi Sheet Layout function is available in the Nesting Wizard, which can be used to split the rups across multiple press sheets.

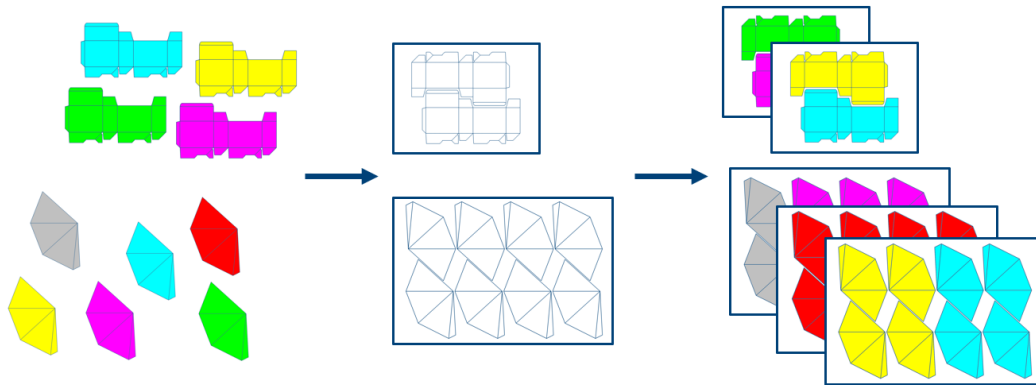
A proposed layout solution can contain one or multiple layouts. This depends on whether you have set the parameter for multiple sheets and on whether several sheets are required for an optimized arrangement of rups.

During optimization – beneath other parameters like delivery quantity or shape – also the number of ink and coating units in the connected press is considered. This is important if the total number of colors and varnishes of all articles to be printed exceeds the number of printing and coating units. The optimization then ensures that the articles on the print sheets are combined in such a way that the number of ink and coating units per print sheet is sufficient.

For more detailed information, please refer to our [online help](#) and [video](#).

In this context a small but very efficient feature improvement to mention is the automatic import of “coating units” or “Transparent” settings from the PDF into the “colors list”, i. e. if a color in the PDF is available in the MDS and "Coating Unit" is specified there as usage, Signa Station automatically applies this setting which no longer has to be changed manually in the "Colors" table. The same applies if the color is not available in the MDS but has been defined as "transparent" in the PDF using PDF Toolbox.

Last but not least there is another enhancement that allows a more easy and flexible gang layout creation: You can load in a single Prinect Signa Station job two different plate templates and assign for each a die cut layout. Based on article, order quantity and shape information Prinect Signa Station spreads the articles on the sheet(s). So as a result, you will have multiple sheets based on different sheet size(s) and die cut layout(s) but without the detour of creating product parts – that saves quite some time and effort.



6 New sales approach for Packaging products within Prinect Production Manager

Since 1st January, 2023 the Production Manager options Prinect Package Designer and Prinect Signa Station Packaging & Label Pro are available as rental products with a monthly fee. Attention: The Diemaker Option will not be included in the Package Designer anymore but will be available as a separate option. For more information, please contact the Heidelberg sales force.

MIS – News

7 Business Manager versions now provided via Prinect Maintenance Center

Thanks to Prinect's new "Continuous Release Process", we can now publish the latest Prinect Business Manager version as part of the MediaSets that are regularly made available in your Prinect Maintenance Center. It is no longer provided separately, but always in a package (MediaSet) together with other Prinect components.

The new Business Manager version 7.27 contains the following improvements:

- ZAIKIO procurement integrated with Prinect Business Manager
- Head to head layout in impositioning
- Extension in mobile menu - improved product picking process
- Change material in existing material reservations without recreation
- Transport costs based on pallets
- New column "production end" in the job overview
- Importing the PMS colors
- Import CSV Excel file in ganging wizard
- Sheet related finishings on ganged sheets
- Shapes and content data as preview available
- Tool Type for ganging
- Paperprice for export gang workflow

Please find details on those changes in the recently published [Product Information Prinect Business 2021.10_7.27 EN.pdf](#) ([PDF DE](#)) and in the "[Whats new in Prinect Business Manager](#)" section inside the Online documentation.

Versafire DFE

8 Prinect DFE from before 2018: Security risk Microsoft end of Windows 8.1 support

The operating system running on the Prinect DFE for the **Versafire CV & CP** is **Windows 8.1 Industrial** (the last installation was in 2018). In sync with the typical 5-year lifetime of these digital presses, Microsoft will **end the support in July 2023** for this operating system.

It means that Windows 8.1 Industrial can still be used, but **Microsoft will not deliver any security updates after that date**. Unpredictable security risks may occur, and the operation will be at your own risk. Unfortunately, **upgrading** this operating system to a more up-to-date version (e.g. Windows 10 or 11) **is not possible** due to RAM restrictions and other hardware limitations.

Please be aware of this risk – and perhaps start considering to replace your machine.

Announcements

9 New Color Library within Prinect

The new Color Library is the combination of the Prinect color tables and the color data base. The administration of the colors will be moved from the Prinect Cockpit to a dedicated Prinect Portal Widget.

9.1 Customer benefits

The new Color Library will provide the following functionalities:

- Each color gets a unique Color ID for identification
- Equal color names in different folders are possible
- Much more color information becomes available (color name, spectral values, LAB and process color data)
- The press will receive correct color information
- Manual assignment becomes obsolete

What does that mean in practical use?

- Color measuring gets more effective
- A new UI allows the definition and administration of all color data
- CxF import and export is supported
- Measuring conditions (M1, M2, ...) are considered
- Target values for production can refer to paper class

The product has started beta testing and is not available yet. A separate Product Information with details on the functionality is currently being created.

However, as the new functionality requires a Prinect Portal, automatic license adjustments as described in the following chapter take place from now on for customers with active maintenance contracts and Prinect 2021.10 installed.

9.2 Adjustment of Portal licenses within Prinect 2021.10 Workflows as of now

To enable a smooth transition and to avoid bottlenecks when it comes to available Portal licenses, we will adjust the scope of licenses for our Prinect products and ensure that at least 3 x Portal users are available for every kind of concerned workflow.

Overview of license adjustments:

- Prinect Integration Manager, was 1 x Portal license, will now be 3 x Portal licenses
- Prinect Labelfire DFE, was 1 x Portal license, will now be 3 x Portal licenses
- Prinect Versafire DFE, was 0 x Portal license, will now be 3 x Portal licenses
- Prinect Production Manager includes Portal site license, no adjustment needed
- Prinect Production Manager with integrated DFE Versafire/ Labelfire includes Portal site license, no adjustment needed

The changes are valid for new customer sales as well as for existing customers with Prinect Maintenance Contract. That means customers using Prinect Integration Manager with Prepress and/or Pressroom Manager as well as customers with standalone Prinect Versafire/Labelfire DFE who have an active software maintenance contract will be adjusted to a minimum level of 3 x Portal users without charge to the end customer.

Software licensing department will submit the extended license keys to the customers in question via PSC automatically.

10 Prinect Business Manager Packaging planned with V 7.28

During the development process for our Business Manager Packaging Workflow together with field test customers and early installers we have adapted the solution to guarantee a smooth integration with Prinect Business Manager. Some of those new features have already been implemented and are available with Version 7.27 released with Cumulative Update Package P2021.10.12 – for more details please refer to [PI Prinect Business 21.10 V7.27](#).

With the final release of Prinect Business Manager Packaging for our mixed commercial customers – planned for version 7.28 – a separate Product Information will be provided by the Prinect Business Manager Team.

11 New feature release of Prinect Package Designer planned

Probably during the first quarter of 2023, a new feature release of Prinect Package Designer is planned. It will contain e.g. new 3D features like the simulation of real-world material light reflects (foils) or easy edge to edge folding. Besides, a library extension and several ease-of-use improvements such as direct access to the indexes from the program's UI and the availability of the indexes content in English, German and Japanese will be available.

Another valuable function is to set two thicknesses when defining a material – i. e. the calculation thickness used by the system for making calculations within resizable templates and the real thickness which is the actual material thickness also used by the system to visualize 3D models.

More details regarding the new feature set will be published beginning of 2023.

Kind regards

Product Management Team Prinect

12 Appendix

Release Dates of Cumulative Update Packages – t.b.ctd.

	Release	
21.10.1	27.10.2021	
21.10.2	22.12.2021	
21.10.3	02.02.2022	
21.10.4	02.03.2022	
21.10.5	06.04.2022	
21.10.6	27.04.2022	
21.10.7	08.06.2022	
21.10.8	28.07.2022	
21.10.9		Features released with 2021.10.10
21.10.10	14.09.2022	
21.10.11	05.10.2022	
21.10.12	23.11.2022	including Business Manager 7.27
21.10.13	Planned for February 2023	

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