



Prinect MetaDimension v7.0

New Features



Print Media Academy

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General

New Interpreter versions included in MetaDimension v7.0:

MetaDimension version 7.0 includes new, updated versions of both the Adobe CPSI Interpreter and the Adobe PDF PrintEngine.

Additional Interpreter information:

- PDF to PS conversion now supports PDF 1.7.
- PDF PrintEngine has been compatible with PDF 1.7 since MetaDimension 6.5
- Adobe PDF PrintEngine is automatically installed with Prinect MetaDimension 7.0; the license will determine if it is allowed to be used.

Licensing:

Prinect Meta Dimension 7.0 is now licensed through the [License Server](#) and a [License Server dongle](#). Therefore, a new license key will be required both for new installations and upgrade installations. All of the Meta 7 licenses are fixed (or node-locked).

For an upgrade installation, the legacy license dongle must remain plugged in unless you obtain and enter a [Reduction Key](#) to deactivate the old dongle. The number of the legacy dongle must be supplied for the license generation in the case of an upgrade.

One Installer for All Components

General:

There is one common Installer for all components of Prinect MetaDimension 7.0. This installer consists of two steps and will install all of the required Engine Managers.

- A wizard gathers all of the workflow requirements for the installation.
- A configuration wizard sets up the device parameters.

Note: The HD EngineManager group that was previously in Start > Programs is now omitted.



Start menu:

The start menu no longer has the HD EngineManager group. All of the *Meta components* are shown in one group – **Start > Programs > Heidelberg Prinect MetaDimension**.



Folders:

There is now one folder structure created for all components according to the settings made in the Installer. The location of this structure is in **C:\Program Files\Heidelberg\MetaDimension**.

Modifications to the Installation:

You can make additions or modifications to the installation at any time using **Add or Remove Programs** or with the **Installer**. However, make sure in either case to keep the components already installed that you still want to use selected. **Deselected components will be removed.**

Task Manager:

The names of processes in Task Manager have been updated. All process names will now start with HD; for example, HDEventService.exe, HDInterpreter.exe etc.



New features in the Printmanager

Printmanager / Administration / Configuration

Virtual printers:

The user interface of Virtual Printers has been reworked. The selected Output Plan is displayed separately in its own dialog box. The complete name of it can be viewed in a tooltip.

Some options have slightly changed their position in the user interface. Extended check boxes for the **Delete Job After function** have been added. The time span you can specify is now up to 99 days.

- **only when Drive Monitor alert value is reached:** The criterion is the limit value of the Drive Monitor the Spool drive is set to. When this option is selected, the time specified in the above field of Days and Hours will be ignored.
- **also delete Jobs with warning status:** Jobs set to done (warning) will also be deleted.
- **also delete Jobs with error status:** Jobs containing errors and those aborted by the user will also be deleted.



Preferences:

New functions

- **Delete output of failed jobs:** Output files of failed jobs will be deleted automatically. This also applies to jobs aborted by the user. The pertaining job remains in the Job List.
- **Generate CIP before final output:** CIP data will be generated prior to final output, similar to the previous behavior of Prinect MetaDimension. If this check box is left unchecked, CIP output will occur after final output.
- **License Server:** Specify the License Server here. The name specified during installation will be displayed. It can be changed if the License Server is being moved.

The screenshot shows the 'Configuration' window with the 'System' tab selected. On the left is a sidebar with icons for 'Virtual Printers', 'Image Directories', 'Preferences', 'Drive Monitor', 'Regional Settings', 'JDF Portal', and 'Prinect® - Services'. The main area is titled 'Options' and contains several settings. A red rectangular box highlights the following elements:

- The checkbox for 'Delete output of failed jobs', which is currently unchecked.
- The checkbox for 'Generate CIP before final output', which is currently checked.
- The 'License Server' text field, which contains the value 'KENFS51208'.

 Below these highlighted items are fields for 'Rip swap files', 'Configuration spool directory', and 'Hot Folder default root directory', each with a 'Browse...' button. At the bottom is a 'Create IPR' button with a 'Save...' button next to it.

JDF Portal

Extended check boxes for the **Delete Job After** function have been added. The time span you can specify is now **99 days**. The functions behave as described under Virtual Printers.

The screenshot shows the 'Configuration' window with the 'System' tab selected. The sidebar is the same as in the previous screenshot. The main area is titled 'JDF Portal'. A red rectangular box highlights the following elements:

- The 'Spool Directory' text field at the top, containing 'F:\MetaDimension\SpoolDir\PrintreadyPortal' and a 'Browse...' button.
- The 'Delete Job After' checkbox, which is checked.
- The 'Days' spinner control, set to '0'.
- The 'Hours' spinner control, set to '00:00'.
- Three unchecked checkboxes below: 'only when Drive Monitor alertvalue is reached', 'also delete Jobs with warning status', and 'also delete Jobs with error status'.

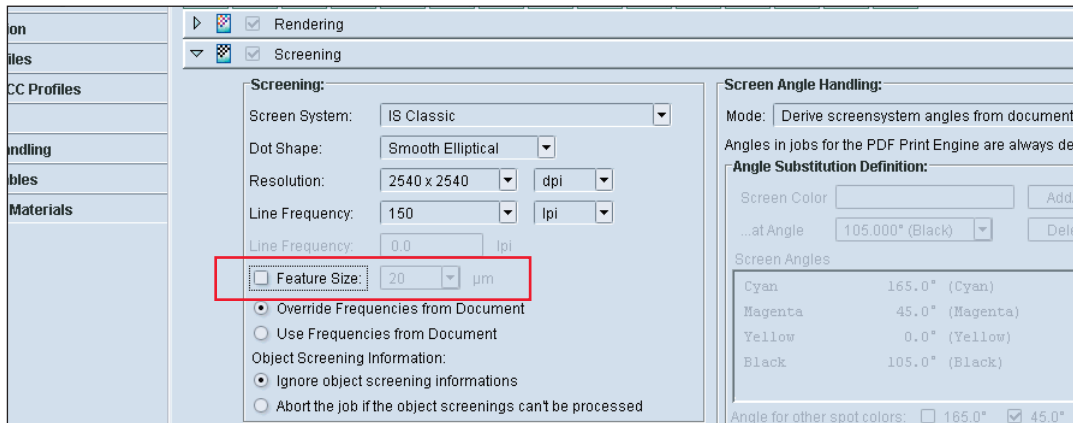
 Below the red box is the 'Transfer To The Depot After' section, which includes a checked checkbox, a 'Days' spinner set to '0', and a 'Hours' spinner set to '00:00'. At the very bottom is the 'Join / Leave Prinect:' label.



Printmanager / Administration / Resources / Output Plan templates

Screening:

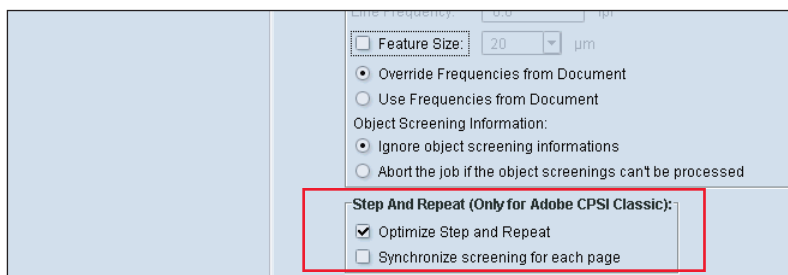
For the conventional **IS Classic** screen you can select the smallest **Feature Size**, similar to when you select Prinect Hybrid Screening. The advantage to this might be the prevention of the disappearance of smallest dots on the plate and during printing.



Screening: Step and Repeat

The functions described here apply to the CPSI Renderer and not to Adobe PDF PrintEngine. The function is automatically enabled for proof output via a Primary Device.

- **Optimize Step and Repeat:** These functions are intended for print jobs having several identical 1ups placed on a single sheet (multiple 1ups). The objective for step and repeat optimization is to **interpret repeated objects only once** in order to save processing time. Click the Optimize Step and Repeat checkbox to enable this function.



- **Synchronize screening for each page:** With this function enabled, the screening is resynchronized on each of the multiple objects. In other words, each 1up starts with the same screen dot. With this option disabled, the screen will always start at the top left sheet corner and will continue over the entire sheet.

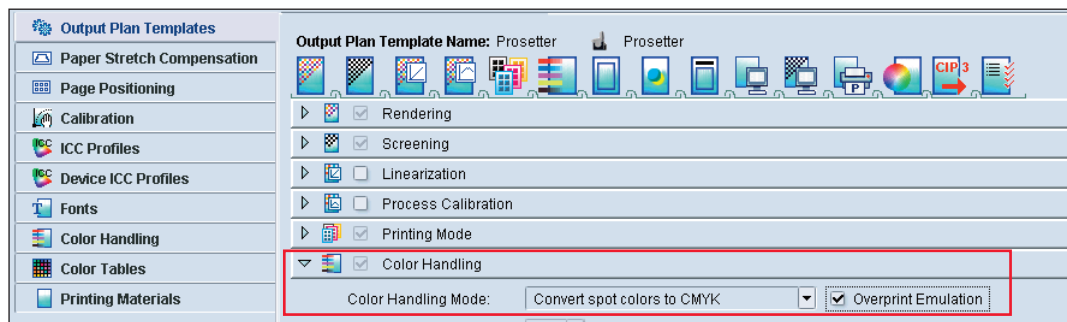


Restrictions: Step and Repeat will not be performed when:

- the multiple 1ups are rotated, and the angle is not a multiple of 90° (e.g. 1 degree).
- the sheet has been tiled for proofing with “Proof / Page Size Settings / Page Size Policy: Tile” option.
- the input is an Imposed PDF dropped into a hotfolder.

Color handling:

The **Convert spot colors to CMYK** function has been extended by the addition of the **Overprint Emulation** option. You should apply this option only when you do not want any Tiff-B or plate output in the workflow, i.e. if you want a proof only. This option allows you to show overprinting on a proof.



Preview:

You can now also select a resolution of **150 dpi** for preview generation.

Printmanager / Administration / Resources

Paper stretch compensation:

Paper Stretch Compensation settings have been enhanced.

Input of **absolute percentages** values in the web mode.

Dead Zone parameter in the sheetfed mode

The Dead Zone parameter in the sheetfed mode defines the starting point of the distortion. It is now also possible to set **asymmetric X-values**.



Printmanager / Jobs

Complete Job List:

Two changes were made to the information areas of the Job List. The information on **Product Parts** now also contains information on **Versions**.

The **Plates** column has been omitted. Instead, the **Material Consumption** column has been added. It displays information on plates and proofs, or plates or proofs alone, depending on the job processing.

Complete Job List	In Process	Requiring Attention	Completed	Depot	Find	Image Job List	
Job Num...	Job Name	Material Consum...	Versions / Product Parts	Layout Name	Sheet Name / Eleme...	Virtu	
0001_cb	Travel Guide	4 4		TravelGuide_102	FB 001(F)	Printre	
0001_cb	Travel Guide	1 4			TravelGuide1_22	Printre	
0001_cb	Travel Guide	4 4		TravelGuide_102	FB 001(F)	Printre	
0001_cb	Travel Guide	1 4			TravelGuide1_22	Printre	
654321	56-Page Book			123456_56-page Book_und	FB 001(FB)	Printre	
testforcurric	testforcurric	1 6		HDcityLayout74-102	Cover(F)	Printre	
testforcurric	testforcurric	3 14			HDcity_Cover_1-4_1-3	Printre	
testforcurric	testforcurric	2 8			HDcity_Text_1-8_1-2	Printre	
testforcurric	testforcurric	1 2			HDcity_Cover_1-4_4	Printre	
testforcurric	testforcurric	1 6			HDcity_Cover_1-4_4	Printre	

Information is provided on: processed plates (proofs), scheduled plates (proofs) and the total number in brackets. The “total number” appears when a signature is hidden.

Statistic:

Statistic provides information on: the number of jobs being printed, the material used, the number of separations. **Right click** on a **job** to open the context menu and **choose Statistic** to view statistic information. You can do this from any of the Job List tabs, or from the Find list.

For a job in progress, statistics are shown for the required material, the number of jobs and the number of separations.

Depot:

Archive tab has changed to **Depot**. The contextual menu available for archiving by right clicking has also been renamed to Depot.

Find:

A **Find function** has been added in Prinect MetaDimension 7. This function acts like a filter. The Depot is not included in the search. The Find function is not available in the Web UI.



Job priority Urgent:

The handling of jobs with priority Urgent has been improved: Urgent jobs can interrupt current HighRes jobs.

- Transmission of a color set to the output device can be interrupted.
- Applies to Prinect MetaDimension and Prinect MetaShooter with FBDI and serial sorted FBDI output.
- Applies to all connected CTP devices.

Accounting attribute:

With the job opened, you can specify an **Accounting attribute** in **Signatures**. MetaDimension will return the appropriate attribute via JMF. Evaluation occurs in the MIS system.

- **Normal** is the default and means the plate is fully invoiced (attribute **N = Normal**).
- **For operational reasons** means the plate must be remade due to operational errors or issues, e.g. due to scratches (attribute **E = Self Assignment**).
- Due to customer request or alteration, plate must be remade (**A = Author Correction**).

General: PDF Export

Prinect MetaDimension 7.0 automatically sets up a destination folder for PDF export. In Prinect MetaDimension prior to 7.0 the job was canceled when the folder was not set up manually.

Plate on Demand

- The option **Pause job before reprint** in Administration / Configuration / Preferences has no function for Plate on Demand. This setting will be ignored.

Note: The behavior described here is a feature that was already introduced in version 6.5.

- **Pause after job preview** and **Pause after screen preview** is ignored for Plate on Demand without a local Tiff-B copy, i.e. after a recalculation.

