

Heidelberg Delta Technology Dongle 8



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Not-New

Unlocked are the following options:

- Enable
- PrintManager
- Interpreter
- Pressgate CIP3
- Calibrator
- Delta Flow Export
- RecoClass 4-Up
- Reco Class 8-Up
- RecoClass Platesetter
- FormProof
- Base 8.0

Delta Technology is a complete workflow solution with an integrated RIP system whose draught pursues the temporal and spatial separation of the RIP and issue process. The most important advantages of delta Technology are the production security with delta specific for issue lists on the base of the R.O.O.M draught (RIP Once, output Many) and the high productiveness of the RIP/servers architecture. With delta Technology bottlenecks can be avoided in the Prepress and issue devices continuously with printable, perfect data be supplied. Delta Technology addresses Prepress companies and printers with own pressure preliminary stage of every size. Delta Technology to the individual demands can be adapted by the modular construction and his open architecture optimally.

Delta Printmanager

The delta Printmanager is able to collect print orders and to distribute to several issue devices. The delta Printmanager can administer Satzbelichter (about the internal RIP or about external rep) as well as any PostScript printers (post Script laser printer, PostScript-Farbproofgeräte, etc.) as issue devices. The issue devices become about network connections or about one

SCSI connection (delta Tower) to the delta Technology-PC connected.

The working river can be automated by special configuration options with regard to the pressure issue to a great extent and be optimised. To the configuration and control of the delta Printmanagers a graphic operating surface is available to the user: the delta Printmanager configuration and status window. In this window the elements of the delta Printmanagers are shown as symbols.

Certain processing processes (e.g., the Spoolen of orders) are indicated also graphically.

Because the delta bases Printmanager on the operating system Windows NT or Windows 2000, he can communicate with all important network surroundings (Apple talcum / PAP, UNIX/TCP/IP, Microsoft Net BEUI, Novell SPX/IPX).

The internal RIP

The internal RIP of delta Technology exists of several components:

- Delta PostScript-Interpreter (Configurable post Script Interpreter, "CPSI"). The delta PostScript-Interpreter corresponds to Adobe © PostScript 3 standard. With it the Adobe PDF format (Portable Document format) is also supported. From the delta Technology version 7.5 the PDF 1.4-format supports to the post Script-Interpreter.
- Delta list generator.
- Delta Tower.
- Delta trapper

Approach of the internal rep

The PostScript-Interpreter heads not, like with a customary RIP, directly the Belichter, but generates from every order first a display list. With the help of the display lists become in the delta list generator the compressed data free of overlapping which „delta of lists“ generates.

If the delta trapper is activated, the Trapping procedure is carried out on the delta lists. The Rasterung is carried

out in "Delta Tower". The delta lists are interstored in the delta Tower, are decompressed for which issue processes ("Rasterung") and, finally, to the Belichter sent.

Delta Pressgate CIP3

With the whole curve assembly, e.g., on a sign station, the cutting and fold data is generated for the signature and when PPF file together with the signature data (PostScript files or delta documents) are transferred to the delta Technology PC.

From the interpreted PostScript data of the print order the delta calculates Printmanager the data to the colour zones-pre-setting and adds this in the form of bitmap files to the available PPF file with the fold and Beschnittinformationen there. The PPF files are filed in a list and are able by data carrier (disk) or on the network to the next processing step (e.g., Heidelberg CPC 32-station) are handed over. In the CPC 32-station the information will be passed on for the colour zone price increase processes during the information for the cutting and folds near the respective devices.

Process calibration

Delta Technology supports the Filmlinearisierung or process calibration. For the realisation of the Filmlinearisierung or Prozeskalirierung special software, the Calibration manager, exists.

Option Delta lists for DeltaFlow prepare

If you activate this option, lists are generated the exported delta in a format which enables to import this on a MetaDimension system. The option Delta Flow puts that Interface between delta Technology and MetaDimension. About this export mechanism lists can be given delta also on the devices which are supported only by MetaDimension. The option Delta lists for DeltaFlow can prepare you only activate if the Dongle option Delta Flow is an export freigeschaltet.

Delta RecoClass 4-up CtF

Delta RecoClass 8-up CtF

Delta RecoClass Platesetter

Delta Technology as a RIP

In his quality as a RIP delta can head for Technology different issue devices:

- Image setter for the issue on film
- Computer to Plate-(CTP-) systems (Plattenbelichter):
- From MetaShooter supported issue devices (prosetter, top setter...) about a MetaShooter

Workstation

- Trendsetter
- Formproofer
- Farbproofer

If no external RIP is used for these issue devices, delta generates Technology, in any case, delta lists and delta documents from the PostScript-code of the print orders.

If an image setter or CTP system is headed as an issue device, lists and delta documents will hand over the delta to the delta Tower which carries out then the Rasterung.

If a Formproofer is headed as an issue device, lists and delta documents are also processed the delta for the issue on the Formproofer.

Special workflows

Working river with Layout-Proof (Formproofer workflow)

This working river is used as a rule in working surroundings in which on a CTP system (Plattenbelichter) is given. For the issue of big sentence curves often becomes special software

used to the curve assembly (sign station). To be able to check the final curve layout before the issue for the image setter or the CTP system, becomes one so-called "Layout Proof" or "Form Proof" spent on a special Proofgerät.

For the Proof issue the delta Printmanager offers special configuration options. With the Proof-workflow the print orders will transfer first into a queue. This queue becomes first for the highly dissolving issue device (Image setter, CTP system) configures (OPC settings).

In addition a Proofgerät (Farboder Formproofer) is selected with the queue configuration in the register Proofer.

Before the suitable Proofgerät has to do Printmanager as a printer in the delta

have been put on. For the Proof-working river one can stop between Automatically and order after the issue of the Proofs choose.

The option Automatically means that immediately after the Proof issue the exposure is automatically begun. The option Order after the issue of the Proofs stop permissibly first an investigation

Of Proof result and afterwards can be chosen whether the print order is given (manual starting of the exposure) or whether the issue is broken off.

To the issue on the Proofer the delta list of the print order is converted by the high Belichterauflösung in the lower resolution of the Proofers. The original delta list becomes for the later exposure in high resolution temporarily on the delta Technology PC interstored.



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