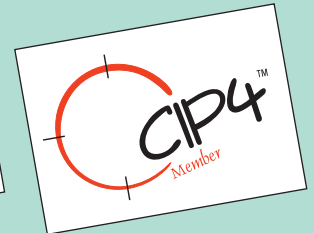
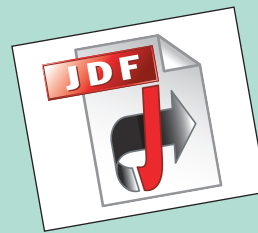


Imposed proofs and ink key presetting

We Put the ROOM in Pressroom



DI-Plot:

Accurate Proofs Guaranteed

How can you be sure your proof will match the imaged printing plate? With DI-Plot, of course! That's because DI-Plot works with the exact same RIP files that are sent to your CtP system. DI-Plot takes the bitmap files calculated and separated in the RIP, converts them to the required resolution for proofing, and sends the descreened result to any color printer. This high-performance technology from Digital Information guarantees full data integrity as well as identical positioning and content between the press sheet and a fully-imposed proof.

JDF Technology for Ink Key Preset

DI-Plot creates synergy. In addition to providing imposed proofs, the software also delivers the appropriate data for presetting ink keys and duct rollers on all units of your sheetfed or web presses. DI-Plot calculates ink coverage data from bitmap files generated by any RIP, writes an industry-standard JDF file and transfers the data via Ethernet to your pressroom. As a universal link between workflow, proofer and press console, DI-Plot works equally well in older and more recent technology environments. DI-Plot generates JDF files of the highest quality, resulting in accurate initial color settings for all printing units. Hundreds of press operators rely on data from DI-Plot and the companion press console interface InkZone Perfect



to operate the presses with efficiency and confidence. That's because the DI-Plot and InkZone Perfect solution minimizes duct roller feed, allowing exploitation of the full range of each ink key in addition to greater sensitivity to individual ink key adjustments.

Thanks to the CIP4/JDF functionality of DI-Plot and InkZone Perfect, most any prepress workflow can now be

extended directly to the pressroom via straightforward XML, even to presses of different age or origin. No need to invest in expensive, proprietary workflow plug-ins for outputting obsolete CIP3 files. DI-Plot takes you directly there.

DI-Plot Means Reliability and Quality

DI-Plot uses high-resolution bitmap files calculated in the RIP for outputting digital «blueprints», in full color, and on any inkjet or laser printer. In addition to the page contents, DI-Plot accurately prints all instructions, like trim, fold, collating and register marks – even color bars. With access to the fully calculated bitmap, DI-Plot won't create issues related to font spacing, incorrectly reduced transparencies or other defects unless they are truly part of the CTP image. And before imaging the plate, the printer can submit a complete, imposed proof to the customer for approval that is guaranteed accurate.

DI-Plot yields cost savings, but it also introduces confidence in color, in the pressroom, in prepress, and with the customer.

PDF Technology for the Remote Proof

What's more, DI-Plot can generate PDF files from the fully-imposed, RIPped print form. Compared to large bitmap files, imposed PDFs are small, so the

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files are ideal for fast exchange via e-mail or network. And because they are based on the CtP data, you can also have confidence in the positioning and content fidelity, even when used in remote proofing applications, either on-screen or in hardcopy.

Color Managed

DI-Plot is fully CMS enabled. When applying an ICC profile for a given output path (device, colorants, media, print sequence, trapping, etc.) the result will be an imposition proof that corresponds to the color of the final print. In addition, DI-Plot can emulate up to ten special colors on the basis of predefined values.

Open for Expansion

The open concept of DI-Plot allows continuous development in applications, and can grow with the requirements of daily production. Regardless of the pre-press workflow, DI-Plot can be used as the glue to assemble otherwise incompatible technologies and environments. This means that files which are assembled and RIPped once can be saved and applied to a wide range of efficiency-gaining uses: the creation of color- and content-accurate imposed proofs, remote soft- or hard-proofing via PDF, the preparation of JDF files for presetting ink keys and duct rollers on press, the list goes on and on.

Technical Specifications

DI-Plot runs on commercially-available hardware and standard operating systems. So investment costs are low. But DI-Plot can bring a wealth of tangible benefits in productivity, interconnectivity and reliability, across diverse application options. The result is that in most cases a DI-Plot license will pay for itself in just a few short weeks.

- Hardware:
CPU Intel 2 Core Quad, 2.x GHz, 2 GB RAM, ATA 10,000 RPM disk, 19" TFT monitor, 10/100/1000 Mbit Ethernet, DVD/CD, keyboard, mouse, USB (for copy protection/dongle)
- Operating system: Microsoft Windows XP Professional or Vista Business

Workflow

