Present and Future of DIPS - Digital Ink Preset Systems
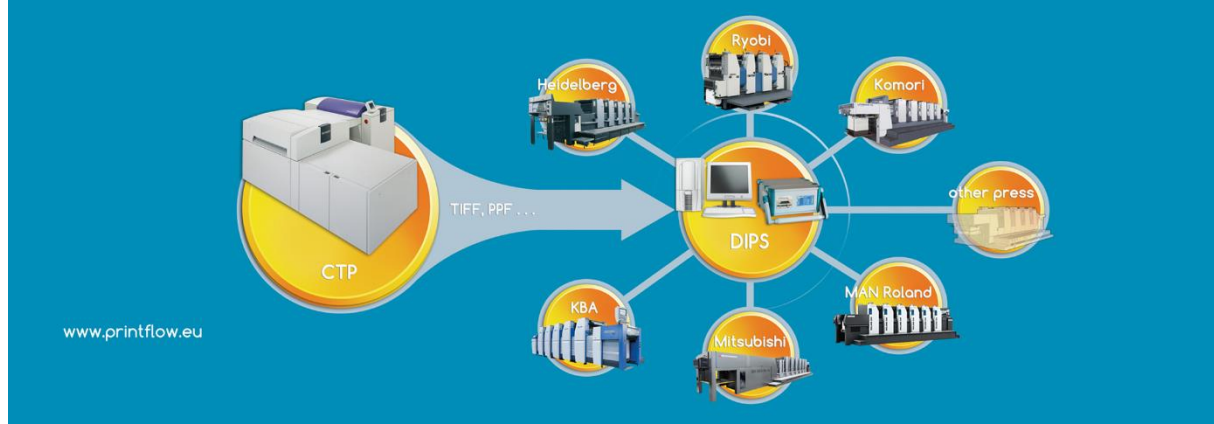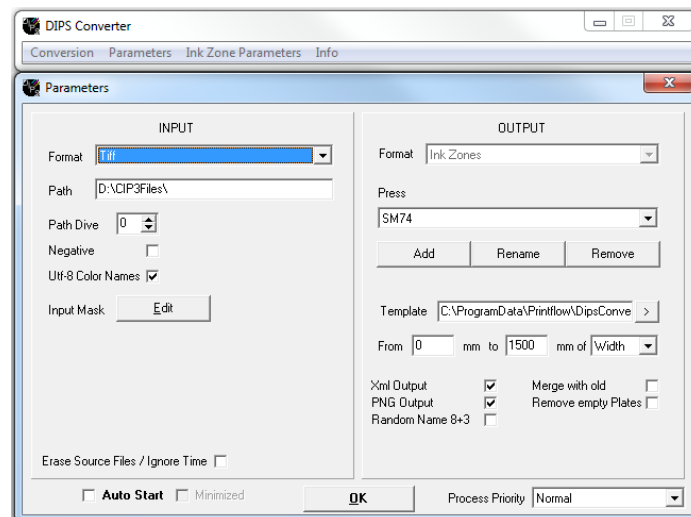

ONLINE CIP3 Ink preset systems – DIPS Online:

- At DRUPA 2004 Printflow introduced Printflow DIPS - Universal CIP3 ONLINE systems.
Job Cards, Floppy were replaced by special developed online communication hardware.

System consists of:

DIPS Converter SW

Printflow DIPS Converter supports all TIFF workflows formats, CIP3/4 PPF formats and also very old bitmaps formats. Together, *over 60 different* workflow formats. (Agfa, Creo, Kodak, Fuji, Screen, Heidelberg, EFI, Esko-Graphics, Harlequin, Krause,…)
Printflow DIPS Converter can be use also like **CIP3 generator**. From all described workflow it can creates standard CIP3 PPF format for CIP3 compatible consoles.
DIPS Converter can also create the special output (**Heidelberg Prepress Interface**) format for Heidelberg consoles with Preset Link.
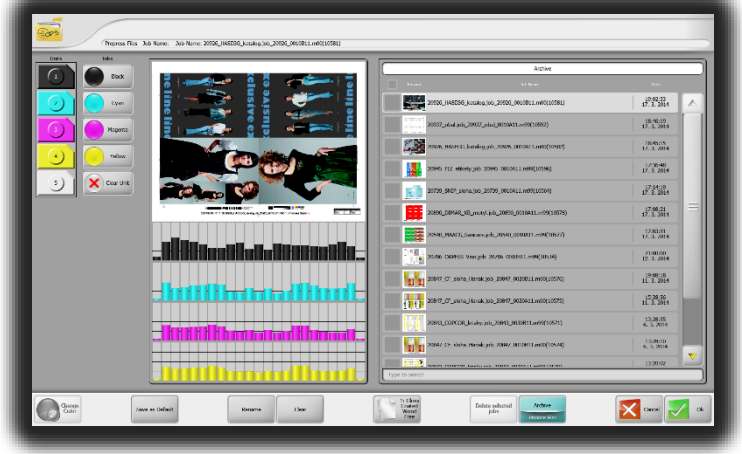*Special Printflow DIPS Converter input filter function allows to process any workflow file naming conventions.*

DIPS Ink Preset Software

Ink Preset Software is installed on the Press PC - Computer located on the press console. Computer is connected via local network with pre-press. This allows printer to see all new jobs from pre-press and very simply preset ink fountains at the beginning of new job.

The first DIPS version   Current DIPS version

INK Preset SW features:

- Multi language function available
- Ink preset of 10 presses from one computer if necessary
- Simple selection of Job from List of the jobs with preview
- ISO 12647-2 Paper Colors Library
- Unlimited Number of paper types created by operator
- 2 Perfectors available for each press if necessary
- Different paper types selectable for each side of both side jobs
- Spot color import from PMS library – Names and RGB real color visualization
- JDF - XML Compatibility
- Ink consumption Calculator
  Unlimited points for each ink preset curve
- Individual Optimization of each Process and Spot color. Each color has its own curves.
- Variable Ductor values available for each color
- Individual Optimization for front and back side if necessary
- Individual Optimization for each printing unit if necessary
- Automatic ink preset curves calculation function
- Fully automatic optimization function of all colors

Press Interface

Printflow is the producer of its own unique hardware - press interface for communication with press consoles. USB or NET work types for almost any type of sheet fed and web press console:

Heidelberg, Heidelberg web, Komori, Man Roland, Man Rotoman web, Mitsubishi, KBA, KBA web, Planeta, Ryobi, Sakurai, Shinohara, Adast, Akiyama, Miller, Hamada, Muller Martini, EPG Essex, GMI Microcolor, Perretta, TGC Grafitel, Eltromat, Monigraf, Inkflow, Polly Control, …
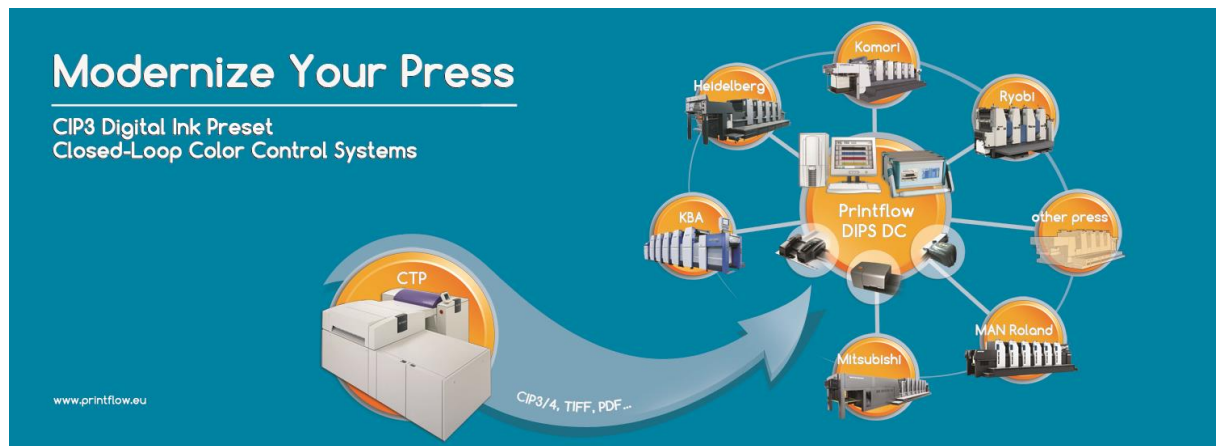
Printflow company is developer and producer of its own online press interfaces:

Over 30 different types of electronics - interfaces

Printflow partnership with X Rite and Techkon:

Printflow is OEM partner of X Rite and Techkon. Printflow R&D department co-operates with R&D teams of X Rite and Techkon. Printflow has full support from both companies and also co-operate with their dealers worldwide.

Printflow DCs is compatible with all types of scanning devices from X Rite and Techkon.

Printflow DC Spectral system - Universall application:

Untill today systems were installed to almost any type of press and press consoles: Heidelberg, Heidelberg web, Komori, Man Roland, Man Rotoman web, Mitsubishi, KBA, KBA web, Planeta, Ryobi, Sakurai, Shinohara, Adast, Akiyama, Miller, Hamada, Muller Martini, EPG Essex, GMI Microcolor, Perretta, TGC Grafitel, Eltromat, Monigraf, Inkflow, Polly Control, …