DevStudio

Print on all your fabrics

DTF RIP

v8
DTF RIP

DevStudioDTF RIP

Print on all your fabrics

DevStudioDTF RIP — PowerPlotter Engine

DTF RIP

∞ v8

devstudio — SW RIP & Technologies for Digital Print

Available for Windows o Mac OS

BG.A.P.™ **K** Technology

FLUOINKS TECHNOLOGY

RIP software for printing on clothing with DTF technology

Ease of use, power and flexibility, for printing on T-shirts and special materials through DTF printers, native or modified or DTG in DTF mode.

DTF technology
allows printing (by press transfer) on cotton, polyester, leather, etc.

Maximum Quality
Specific profiles that guarantee color fidelity and a precise preview on calibrated monitors.

More Productivity
- Fast Print Engine and intuitive interface with productivity tools
- White Mask Editing, Color Removal, Color Variation;
- Integrated system for the management of mirror printing and the creation of specific screens to lighten the images;
- Automatic head cleaning procedures;
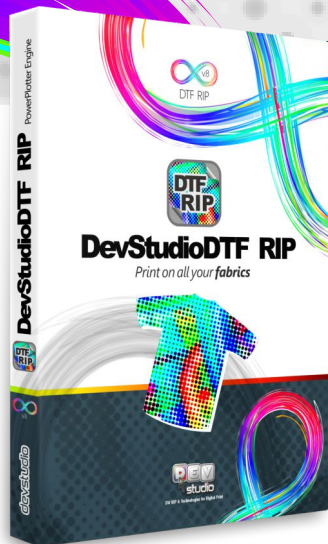- Wide availability of printer drivers.

Reduced consumption:
- Thanks to an optimized use of black in standard profiles and elimination of black ink in BG.A.P.™K Screen profiles.
- Calculation of ink consumption in estimate and final balance
- Integrated nesting for image management with print area optimization.

With **DevStudio DTF RIP** it is possible to print **digital transfers**, starting from the use of small printers, even single sheet, up to systems that use film rolls, in use in the industrial printing sector "to textile". DevStudio DTF RIP minimizes waste thanks to the

"Nesting" function that allows you to organize the graphic subjects in space, based on the size and number of repetitions of each in relation to the size and characteristics of the film (Roll or Single Sheet). No more waste thanks to the use of DTG inks
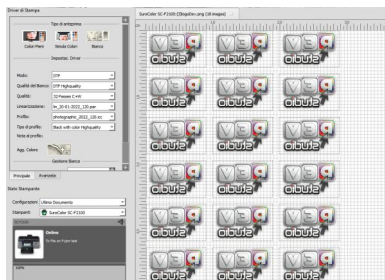
(where provided) without having to replace the original inks. The optimized white mask and the possibility of adopting special screens allow, in addition to an appreciable reduction in consumption, to give the prints an appearance like screen printing transfers.
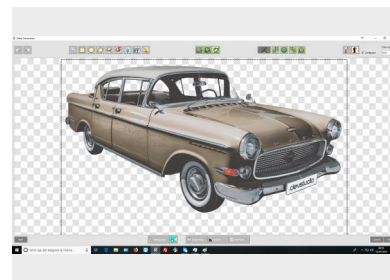
DevStudio DTF RIP

BG.A.P.™ Technology K

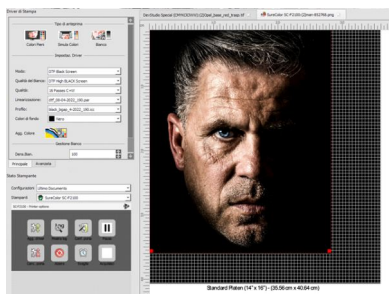**FLUOINKS** TECHNOLOGY

Available for
Windows o Mac OS

User friendly interface, with automatic and manual nesting.

- DTF functionality, mirror printing and work tables with free arrangement of images.
- You can operate by dragging the images on the sheet / roll and paginate them manually or with automatic algorithms to optimize the available space and use less film.
- All printing parameters are always under control.

Mask Editor and Color Removal

- The Rip integrates a simple tool to create image masks to be printed without using external software or being an expert in photo editing.
- The white masks can be autogenerated in various ways and integrate the option of white choke so as not to see the white line on the edge of the image.
- The Rip includes the Color Removal function to remove from the image the color on the t-shirt.
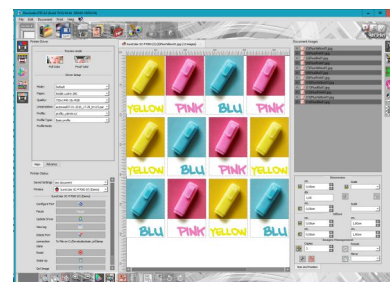

Proprietary technology BG.A.P.™K Screen

This unique feature uses the color of the black T-shirt as virtual ink, thus eliminating the use of black ink and reducing the use of white. This gives the T-Shirt a much more natural look and feel, drastically reducing consumption and the thickness of the ink layer on the fabric.

Automatic AM screen creation

To allow the glue to stick on the white ink, a very thin amplitude modulation (AM) screen is created that allows the background color to break through and the powder to bind to the white ink.

By properly configuring the software it is possible to obtain an estimate of printing costs.

Advanced management of Fluo colors

The software allows you to use Fluo colors, both as colors / spot channels and in the print profile (eg Fluo yellow, as an additional color or replacement of yellow, obtaining Fluo effects also on images, as well as on spot channels).

Features - DEVStudio DTF RIP

Languages ITA/ENG/FR/D/PT/ESP/HUN/RU	
Upgradable	YES
Formats and protocols	
Supported file types	
TIFF, JPEG, BMP, PNG, PSD(v5), PDF, EPS, PS	
Output formats (Saving)	
TIFF, BMP, PS, JPEG	
Maximum print width	A2-A1...*
PostScript level 3	YES
Colour correction functions	
Tone, saturation, brightness and contrast	YES
Color correction curves / Preview / ProfileTest	YES
Spectrophotometer support	optional
Remote proofing	optional
ICC profiles management	
Preview / Saving	YES
Printing (Input, Output, Simulation)	YES
Profile editor (with curves and selective)	YES*
BG.A.P.™ Technology	YES
Driver Manager	YES*
Image Quality	
Stochastic and ordered screens	YES
Scaling management	YES

Print Management	
Print report with preview and reload of the status	YES
Number of printer queue (plotter)	1
Print modes	
Network	YES
Print to file	YES
Printing and calculation (in same time/consecutive)	YES
Parallel calculation on multiple printers	YES
Other features	
Mask editor	YES
Color Removal	YES
Hot Folder	1
1 bit drivers (Pro)	YES
Enlargement, reduction, moving, cropping	YES
Custom printing configuration	YES
Color variation	YES*
Spot Color and Pantone®	optional
Device-Link / Profile Creation (Power Profiler)	optional
Self-certification of proofing (Power Certifier)	optional
Direct print from application	YES
Print cost calculation	YES
Driver and software update from Internet	YES

Software Protection:
USB Dongle

System requirements (min. / suggested):
- **RAM:** 4Gb / 8Gb
- **HDD:** 200Gb / 1Tb
- **CPU:** Pentium® Dual-Core or similar / ex. Intel® series I3 - I5 - I7
- **OS Mac®:** Mac® last three versions
- **OS Win®:** Windows® 7 / 8 / 10 / 11 - 64bit

Drivers:
- DTG + DTF printers. Check the web site wwwdevstudio.it for the update list

*only advanced version