



Company

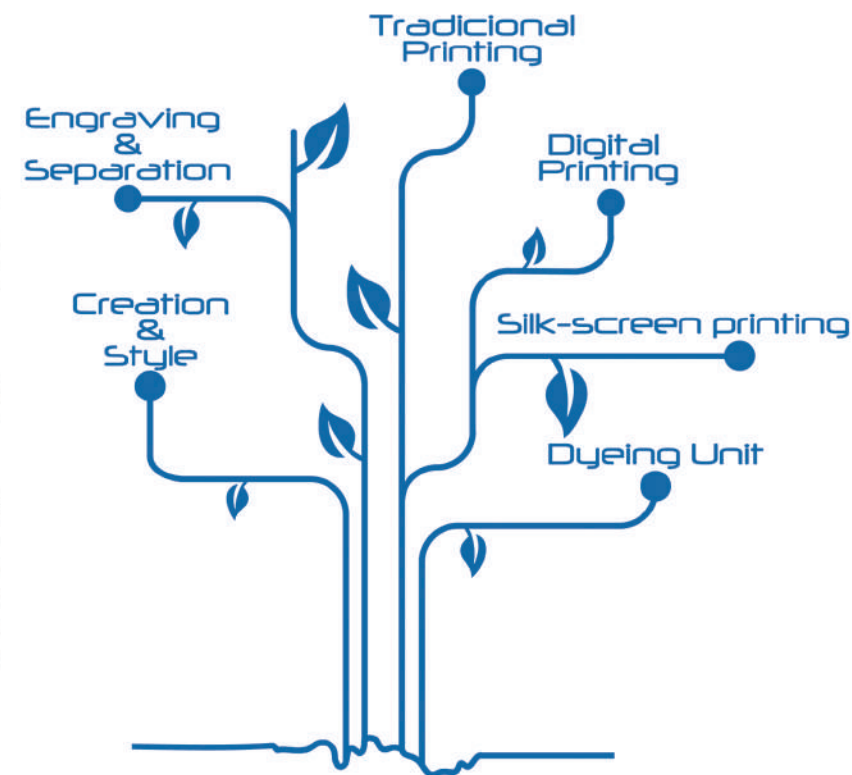
The TreePaint product was created in the 80s, in collaboration with the major textile groups of Italy, who shared the common goal to digitalize the creation and production processes, that, until then, had been totally manual. All this practical knowledge, generated from ages of experience, makes the difference in the elaboration of every solution, developed with the heart of who loves what he makes.

Mission

The essence of Treepaint products is to bring innovation to all different production processes, generating economy and optimizing their teams and their structure, that the company has already developed.

We offer solutions that allows our customers to be ready to face the future technical and commercial requirements of the market.

The philosophy of our research and development department is to absorb and transform every practical experience that we treasured in different countries in key solutions in order to assist to the particular needs of the company's daily life. Working with organization and seriousness is the focus of Treepaint and all his collaborators.



textile solution

- Automatic Channel Separation
- 4 Color Rotary Printing
- Digital Sampling (Strike - Off)
- Recipes Formulation



Textile Solution

Automatic Channel Separation

Select in a few clicks the color range on RGB file, create automatically channel separation for engraving or colorways' generation.

4 Color Rotary Printing

Obtain digital effect on rotary printing, using just 4 colors!

Digital Sampling (Strike-Off)

Save time and costs generating your strike-off and create your own samples in digital printing simulating traditional results.

Recipes Formulation

Create color recipe for traditional printing, create your own archive and share color information for optimized colorways.

Products



Makeraster is a software that allows to obtain a digital printing simulation adopting traditional printing, just using a reduced number of screens! Quality obtained will be high, with no color-limitation. Anyway, it must be taken into consideration that this is not a comparison to the digital printing: it is a way to link the digital printing to the traditional one. Small orders can be delivered on digital printing and bigger quantities can be moved on bulk production, where the cost is very low. Makeraster can also be used for companies who have no space to introduce digital printing's costs to their customers. Starting from an RGB file, it is possible to generate CMYK or CMYK + Light Colours in a few clicks. Thanks to a step by step procedure, the software will be able to select proper raster's parameters and linearize it to create colors definitions (according to tone and viscosity) and to generate specific settings per each printing condition.

Chroma, with his exclusive features, is a handy product that combines the colorimetric techniques with the practical experience of the finalist art and that provides fastness and standardization during the image color separation in channels. Chroma is ideal as much for the digital printing, as for the traditional one, helping the colorways generation and the color adjustment. The software generates automatically the coverage white and the bright white, creating, at the same time, the spreading in order to simplify the fit. From a practical point of view, the work is easy: the operator is driven through phases; after having processed the RGB-image, Chroma generates a series of suggestions based on different criteria, as the coverage percentage, the image typology and the color limit, allowing total freedom to the interaction and interpretation of the operator, who will have to include possible spots. Then, the software will show a simulation of the results, in comparison to the original. The operator can make corrections on the black-color that often creates problems in traditional printing. After having verified every canal, the operator can save the result in PDF or TIFF formats and move to the coloration, to the raster application or share the information through Adobe products.



Screen is a Rip software created in order to convert grayscale images into rasterized files for traditional printing: it uses international standards, stochastic raster and integrates specifically generated option for a better adaptation to every kind of mesh. Using Screen is possible to create an infinite number of settings in order to manage every machine, every engraving technology and to reach the optimization of raster-parameters. Design creation will finally obtain a proper match between original grayscale value and the result on fabrics. The shade effect of the raster, the proper linearization on printing and the moiré effect control, are the most valuable points of this module: in a few clicks it is possible to obtain parameters for a proper engraving result, increasing the quality of the result obtained with actual machinery.



ColorInstinct is the module dedicated to the production of color combinations. Starting from an image separated in channels or from the sum of B/W separations, the software can quickly generate colorways, in a manual or an automatic way. A powerful calculation motor will work for you. The background, the management of overlap tones, the range between the devices and the introduction of options regarding the text revision will allow the operator to play, import and generate color charts or Pantone. In this way, computers, printers and separated departments can authentically reproduce the same reference color. Once created different combinations, the software provides the placards for original and efficient presentations in a short time and with the management of every type of information without the help of other graphical software. Moreover, ColorInstinct is an essential sample chart because it permits to simulate the expansion and the overlapping behaviour of the conventional printing (localized or rotary), obtaining the model before starting the engraving.

Colormix is the software dedicated to the color recipe's formulation for the traditional production. With an intuitive interface, Colormix optimizes the preparation time, the quality and the production cost, characterizing the different chemical classes and the substrates. The recipes' formulation become a fast and safe process through the colorimetric reference selection or the Pantone code. With a direct interface, through the spectrophotometer, the operator obtains a rapid acquisition of the reflectance bend or the creation of the color chart. The software is also able to identify mathematical colors or to compare the references in order to obtain the Delta error. Colormix proceeds through different methodologies, as the identification of similar color-sample, already produced and recorded in the archive. In the case of a similar colors feedback, the software moves to the automatic calculation of the entrances, considering the chromatic distance, the metamerism, the stability, the objective substrate, every incompatibility between inks and, not less important, the cost of the obtained entries. Colormix calculation motor works with a precise measurement and through the use of mathematical and internationally recognized formulations (CIELAB 1976 - CMC (1: 1) - CMC (2: 1) - ICE 1994 - CIEDE 2000). This allows Colormix to perform a strict quality control, carrying out also the color calculation and the color valuation, and adapting itself at the different needs of the company.



3DMap is a tool created for garment makers, stylists, creative offices and for all companies that are interested in presenting their designs without the need to physically produce the sample. This software allows to create commercial catalogues starting with an appropriate photograph and is ideal for presentations and integration of Moodboard. The powerful rendering motor, the shadow effect management, the dress movement and the correct image proportion, allows to achieve a proper final 3D effect: it is not requested any particular graphical skill or using complicated software for accomplishing a great result on your own catalogues! The integration with color folders and visualization of specific colorways of an image generated with ColorInstinct, consents to give freedom to your fantasy and create presentations and highly professional 3D models.

Atlsync allows to calibrate every digital printer (paper or fabric) in a totally independent way from the Rip or the Driver in use. The calculating engine is based on his own colorimetric maths and works on the profile in use, correcting and aligning the result of every machine and every base. The software permits to simulate the image and to elaborate a soft proofing on paper; in the same way, it permits to define a standard printer in order to align all the other printers to it. ATLSync guarantees the reproduction and the repetitiveness of the Pantone archive. This module manages and generates the color range transmitting the spectrophotometer lecture. This range can be printed or exported in Aco-format for Photoshop with the correct recipe (RGB and/or Lab) for every machine. Only a module can handle different machines and calibrations. Moreover, the software permits to share this information, in a simple and immediate way, with other modules for different application areas: from the input creation for the generation of colorways to the production. All the calibration process is open and intuitive. Thanks to the five-minutes procedure, this quick calibration allows to manage all the variables, like different textiles, head changes or a new machine. This software guarantees the company the maxim autonomy in his future realizations.

