

How do you do Color Management without specialist skills?

VISU™ turns amateurs into professional color consultants in just a few clicks.



PRINTING (=



The first step is to print the image. This is done using a calibrated printer and a color management system.



MEASURING 🎇

Once the image is printed, it is measured using spectrophotometer. This device measures the color of each pixel in the image and stores the data in a color profile.



TUNING PLA

The color profile is then tuned. This can be done manually or automatically. Manual tuning involves adjusting the colors of the image in Editor. Automatic tuning involves using the software parameters (pre-defined rules)to adjust the colors of the image based on the data in the color profile.



PRINTING AGAIN



Once the image has been tuned, it is printed again. The new print is then measured and compared to the original print. If the two prints are not identical, the tuning process is repeated until the desired results are achieved.



TRAFFIC LIGHT



The results of the measurements are typically displayed using a traffic light system. Green indicates that the color match is acceptable, yellow indicates that the color match is not perfect, and red indicates that the color match is unacceptable.



The quality information is also compared to international standards, such as Fogra, G7, and IdeaAlliance. This helps to ensure that the prints meet the required quality



S Quality Information

The quality information from each print is stored in a database. This information can be used to track the performance of the printer and the color management system



Recalibration using VISU™Device-Link

Scatter points are a set of test points that are used to measure Recalibration is the process of points are trained to adjusting the color output of a the court output or a device.

Scatter points are typically device to match its current state. arranged across the entire color This can be necessary due to gamut, and they are used to environmental factors, such as gamus the accuracy of the changes in temperature or device's color reproduction. humidity, or due to wear and tear Scatter points can be used to identify areas where the device's on the device. color output is inaccurate, and they Recalibration can be done using a can also be used to calibrate the variety of methods, including using a colorimeter or spectroradiometer device's color output. to measure the color output of the device and then adjusting the device's settings accordingly.

VISU™ DeviceLink, recalibration, and scatter points are used together to achieve accurate color reproduction:

#1 The device is calibrated using scatter points. #2 The device is used to print an IT8 test chart.

The IT8 test chart is measured using a Spectrophotometer.

#4 The measured values of the IT8 test chart are compared to the expected values.

#5 Any deviations between the measured and expected values are identified. #6 The DeviceLink settings are adjusted to correct the deviations.

The device is re-calibrated using the updated scatter points.

By following these steps, it is possible to achieve accurate color reproduction even when printing on different types of printers or papers.