basICColor Catch

The most versatile ColourHub for your daily colour business

• Catch Profiler
• Catch Professional
• Catch Packaging
basIICColor Catch is a modular software suite for all commercial print applications, enabling users to take measurements of control strips, profiling test charts and even light sources. A colour hub for capturing colour, density and spectral data, Catch centralizes all day to day colour related tasks. Catch seamlessly integrates with the unique features of the Konica Minolta FD-series spectrophotometers enabling a streamlined workflow within one modular solution.

Starting with the basic measurement application "Catch", (included as standard software with the FD-7 spectrophotometer) you can upgrade anytime to "Catch Profiler", "Catch Professional", "Catch Packaging" and "Catch Calibrate" and thus let the software grow with your needs.

Catch Profiler

Autoprofiler – Perfect separation built-in

Catch Profiler enables the highest quality ICC profiling for RGB, CMYK and Greyscale output devices. User interaction can be limited to a minimum to maximize productivity and ease of use. The built-in data analysis algorithms ensure perfect quality of colour separation for your printing process. Seamless integration of Konica Minolta’s FD-series spectrophotometers enables the user to create profiles tailored to specific viewing environments.

PrintProfiler – Full control

Catch Profiler enables users to take close control of all parameters for their ICC profiles. The separation strategy can be chosen to meet specific requirements. General black generation as well as special needs for neutral greys can be influenced. Control of tone value limits will ensure optimum quality even for critical printing processes.

Gamut mapping errors cost the average print company a great deal of time. Catch Profiler’s highly sophisticated mapping strategies will optimise image reproduction and cut time lost for manual retouching.

The built-in batch profiling solution ensures an efficient workflow for creating profiles with different parameters. The multispectral measurements of Konica Minolta’s groundbreaking FD-series instruments can be processed into optimized profiles for different viewing conditions in seconds.

AutoImprove – Intelligence built-in

Users have the option of expanded intelligent data optimization to help achieve the highest ICC profile quality. AutoImprove automatically compensates for errors caused by dirty or scratched test charts and random noise from structured substrates like uncoated papers.
ICC device link profiles are becoming increasingly popular, enabling precision color space transformations, otherwise only found in proprietary solutions. The applications which require ICC device links include high-quality proofing and special process printing workflows which exchange data between different printing processes. Device links will maintain the black channel to save ink, while recalculating the color structure.

Catch Professional with basiColor DeviL simplifies the job of generating ICC device link profiles, including conversion between CMYK, RGB, and grayscale. basiColor DeviL achieves highest quality conversions from RGB to CMYK separations using dynamic color space compression. No other method can compete with the optimized result.

ICC DeviceLink Editing
Adobe Photoshop™ is used to fine tune device links so there is no learning curve and the results are predictable.

"InkSave"
The optional Inksaving module optimizes black generation, reducing costs by saving the more expensive CMY process color inks. This smart solution can improve profitability without compromising color accuracy.

Data analysis and optimization

Catch professional comes with IMProve
basiColor IMProve is a software solution for intelligent optimization and processing of color measurement data. There are many potential causes of errors or inaccuracies in measurement data used for ICC profiling that could result in inferior profiles. Erroneous measurements can result from problems in printing, inhomogeneities or simple read errors on one or more patches. In other cases you might want to average or smooth measurement data before you create profiles. basiColor IMProve is a collection of various tools in one easy package:
Correction of white point, TVI corrections, gradation changes in order to meet standards like PSO or G7 – a complete solution for measurement data correction. The quality of ICC profiles is only as good as the data you feed in. Analyzing and optimizing the data results in a better profile quality and therefore improved reliability of the production process.

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## Catch Packaging

Catch Packaging enables users to create Multicolor Profiles. Significant cost savings can be achieved by substituting dedicated spot inks with 5, 6 or 7 colour process printing. Contact us to learn more about the huge potential with Catch Packaging.

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### Analyze ICC

- Multicolor

### System Compatibility

- Windows 7 (64–Bit), Windows 8 (64 Bit)
- Mac OS X 10.9 – 10.11 (Intel)