



# Fogra Validation Print

## Validation Print as a New Certification in Digital Print

Fogra Validation Print is the first ISO-based certification which ensures accurate and consistent color quality in digital printing. Certified systems and print-outs lead to more efficient and reproducible workflows, a reduction in consumption of consumables and therefore lower production costs and higher productivity.

Fiery-driven printers are the first solutions to successfully pass this certification process.

### Validation Print Certification

The Validation Printing System Certification is the answer to long-standing requirements from the world of print for a digital print quality standard. The Validation Printing System Certification forms one part of this new certification. It is for printer manufacturers aiming to certify their printing systems consisting of RIP, a digital print engine, different paper stocks and media and the printing environment to be simulated. The Validation Print Creation Certification is the second part which targets digital print service providers wishing to get certified by Fogra for the quality of their own printing systems. The test criteria for print quality are color accuracy, fading (drift), rub resistance, homogeneity and last but not least PDF/X compliance. Another important criterion is the consistency (repeatability) of the print over a range of time intervals.

### Customer Benefits

Customers benefit in various respects from the Validation Print Certification. Certified systems and prints allow for:

- Increased sales
- Color accuracy
- Reliability
- Repeatability
- Time savings
- Savings in consumables

...and thus cost savings by eliminating spoilage.

### No Certification Without a Fiery Controller

This new Certification can currently be obtained thanks to unique features and capabilities of the Fiery Server. The Fiery provides the following features:

- **Complete PDF/X-3 compliance:** For seamless submission to print. It provides error-free printing of the Altona Test Suite and the Ghent Output Suite.
- **Control Bar:** The Control bar includes the Job Information and a Color Bar Job Information contains important information regarding the print settings of the document as e.g. when it was printed, output profile used, name of the document etc. Color Bar facilitates the verification of color accuracy and consistency with the Fogra Media Wedge. Users can confirm the color quality of the Fiery Controller by measuring colors with the ES-1000 and comparing them to an offset print or the ISO standard using EFI Color Verifier (part of Color Profiler Suite).
- **Fogra Media Wedge:** The Fiery Server is the only controller that can include the Fogra Media Wedge as the default Color Bar automatically into every job to enable you to measure and check for color accuracy and consistency.
- **ColorWise®:** Fiery ColorWise is a powerful in-RIP color management system to achieve high-color quality and accurately simulate the output of other color devices. It supports all popular industry standards such as ICC-Profiles.
- **Calibration:** Allows for professional calibration with external measurement devices such as the ES-1000 in order to set the device back into its original state and thus create a precondition to comply with standards.



# Fogra Validation Print

EFI's portfolio of integrated solutions increases productivity and improves your bottom line. Find out more at [www.efi.com](http://www.efi.com).

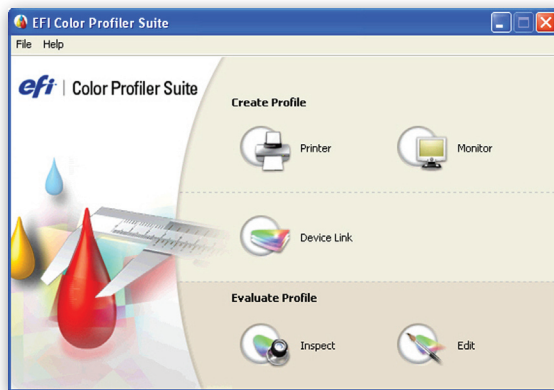
Print quality can be optimized on an individual basis, and in addition to these Fiery System 8 features, EFI also offers the following options:

## EFI Color Profiler Suite

EFI Color Profiler Suite (CPS) is an integral profiling solution for printing environments. The suite of color management tools ensures total color quality control in the color printing workflow. The CPS is an indispensable solution to achieve the best possible output quality, as it provides for consistent color output across various printing devices. The CPS includes the Color Verifier. This tool measures and compares the color differences between a reference print and following print-outs. Furthermore, the color management software of the Fiery Controller supports the EFI Color Profiler Suite and thus integrates it seamlessly into the Fiery color workflow.

## EFI Colorproof XF

The worldwide leading proofing solution Colorproof XF enables optimized color output quality also in combination with Fiery Controllers. Colorproof XF is a digital ProofRIP and completes a perfect graphical arts solution. As a lot of customers in the graphic arts industry already have Colorproof XF available, Fiery solutions can be integrated almost seamlessly. Colorproof XF is ideal for multi-functional proofing applications, for contract proofs on inkjet-based printers, and also for cost-efficient Validation Prints on toner-based systems.



If you are interested in finding out more about Fogra Validation Printing System Certification, please follow this link: <http://fogracert.fogra.org/index.php?menuid=92>



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