Your vision for quality.

EyeC Proofiler Content

EyeC

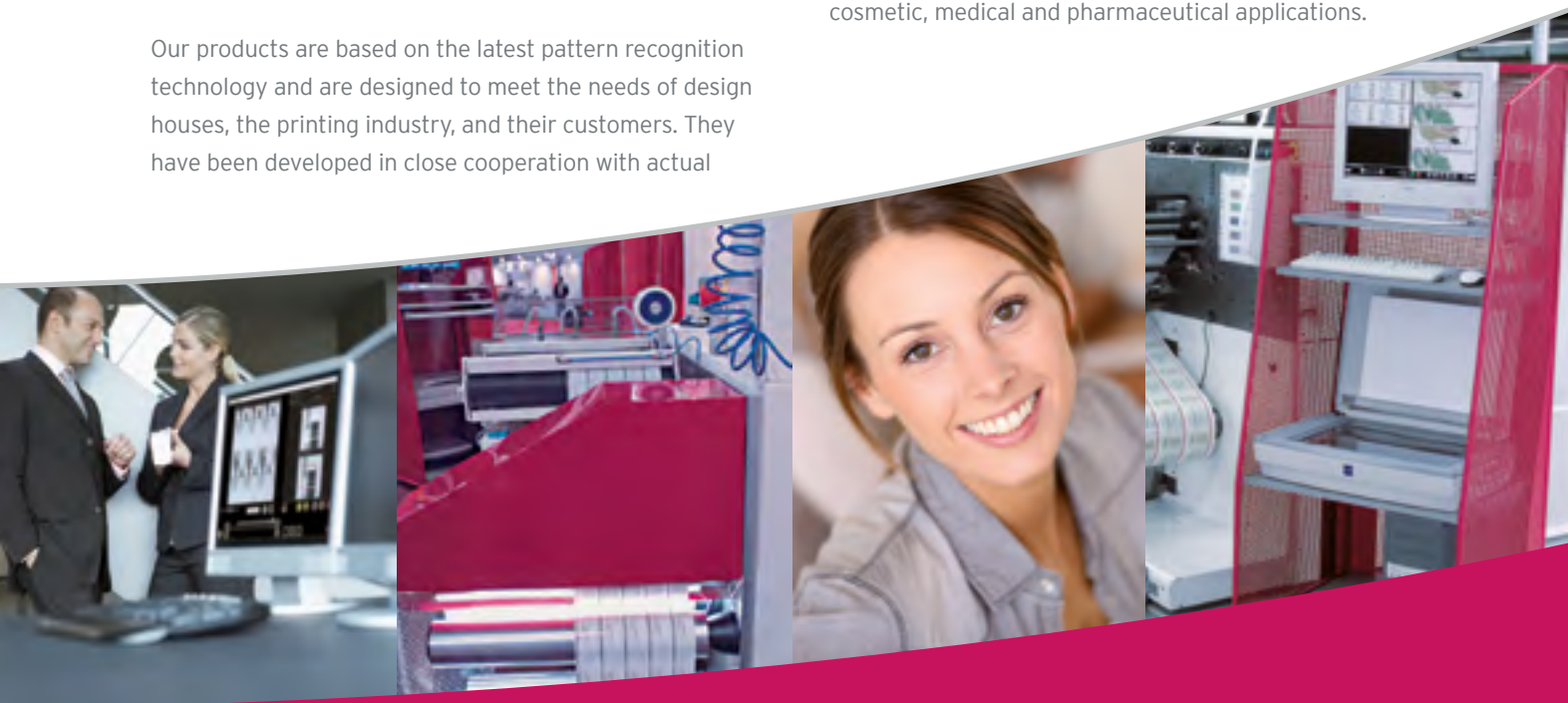quality
control
systems

The company

EyeC is a leading vision technology company based in Hamburg, Germany. We are focused exclusively on high performance artwork and print inspection systems aimed to assure the highest quality standard throughout the design and printing process.

Our R&D and Customer Support staff consists of highly skilled and experienced engineers, graduated in either Electronic Engineering and/or Computer Technology with long experience in industrial inspection applications.

Our products are based on the latest pattern recognition technology and are designed to meet the needs of design houses, the printing industry, and their customers. They have been developed in close cooperation with actual users, with a strong emphasis on speed, reliability, and ease of use. Our software is produced in conformance to applicable ISO 9001, GMP and GAMP 5 guidelines, and contains all functions necessary for validation according to the guidelines laid out in U.S. FDA Title 21 CFR Part 11.

EyeC systems are in use at numerous customers in the printing, pharma, cosmetic and other industries across the world, producing offset printed inserts, folding cartons and flexographic self-adhesive labels for food, cosmetic, medical and pharmaceutical applications.

The EyeC History

2003 EyeC Proofiler 400 for off-line inspection
2004 EyeC Proofiler 600 for labels and
EyeC Proofiler 1000 for cartons
2005 EyeC Proofiler Braille, EyeC Proofiler 700 for
patient information leaflets, barcode inspection
2006 EyeC ProofRunner for in-line inspection
2007 Cigarette warning text control tool and color
distance tool
2008 RSS and Data Matrix Code Inspection,
EyeC ProofRoller for cylindrical objects
2009 EyeC ProofRunner Carton, EyeC ProofRunner
Folder Gluer and EyeC ProofRunner Variable Data

2010 EyeC Proofiler Graphic Multiuser
2011 EyeC ProofBook for multi-page PDFs, In-line
inspection of foils and patient information leaflets
2012 In-line inspection of sheet for offset machines,
In-line color control
2013 EyeC Proofiler Content for the inspection of
texts, graphics and layout
2014 EyeC ProofRunner Carton Retrofit
2015 Braille inspection for A2 scanners,
EyeC ProofRunner Sheetfed as retrofit module
2016 EyeC ProofRunner Carton Pre-Feeder
2017 EyeC Workflow Integration and
EyeC Quality Link

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EyeC Proofiler Content*

100% content verification – live and outlined text, graphics, layout, barcodes and Braille

Finally there is an easy way to control the quality of your artwork files during the design phase and to speed up approval processes. The EyeC Proofiler Content is the perfect solution to make sure that the artwork files of important documents such as cartons, labels or leaflets remain free of errors and omissions.

Whether you design, check or approve artwork files, the EyeC Proofiler Content allows you to control 100% of your PDFs by inspecting, for the first time, live and outlined text, graphics, layout, barcodes and Braille in a single operation.

The inspection is simple, fast and reproducible. Significant deviations between the two inspected files are displayed for the operator to evaluate and then listed in a report that is generated automatically.

Increase process security
The human eye is not 100% reliable. Even the best proofreaders can miss important errors. For key documents, those errors can be costly in terms of time, money and image for your company.
The EyeC Proofiler Content is able to review the entire content of your artwork files with 100% accuracy in one easy step. This will allow you to take control of your quality and reduce the risk of misprints and product recalls.

Easy to use
The EyeC Proofiler Content has been designed with ease of use in mind. Its intuitive interface allows any user to perform a meaningful inspection within minutes without the need of previous training.

1.) Load the files
2.) Start the inspection
3.) Evaluate and comment the deviations
4.) Print the report

Comprehensive
The EyeC Proofiler Content is a complete PDF proofing system for monitoring artwork changes during the design, revision, approval and prepress processes.

For the initial artwork file at the design studio
With the EyeC Proofiler Content Plus, you can:
• make sure the textual content matches the text contained in a reference file
• control the visibility of texts and graphics

For artwork revision control and approval
With the EyeC Proofiler Content, you can:
• check that all required changes have been made
• ensure that no inadvertent changes have occured
• control the visibility of texts and graphics
• prevent text from overlapping

At prepress
With the EyeC Proofiler Content, you can:
• verify press-ready files against approved artwork
• ensure that no inadvertent changes have occured
• control last minutes amendments
• confirm that live and outlined texts match and are not overlapping

Increase accuracy

Thanks to the combined verification of text, graphics and layout, the EyeC Proofiler Content is able to identify with high precision all potential changes, such as:

Text
- added, removed or modified text
- changes in font and text attributes
- differences in size and color

Graphics
- shifted graphical elements
- missing, added and changed graphical elements
- color and transparency differences

Layout
- incorrect visualisation of text (e.g.: different font suppliers)
- hidden text or graphics
- unreadable text

1D, 2D and DataBar (RSS) Barcodes
- content changes
- detect, decode and grade barcodes

Braille
- content changes
- decode and check Braille

Remove complexity

A simple change in a sentence can impact the entire layout of a document. The EyeC Proofiler Content is able to analyze complex differences between two PDFs and show you exactly their origin, allowing you to quickly review corrections.

Reduce the number of design cycles

The accuracy of the EyeC Proofiler Content allows you to review all types of changes in a single operation. Errors can be found immediately, allowing you to reduce the number of correction cycles and decrease the time to market.
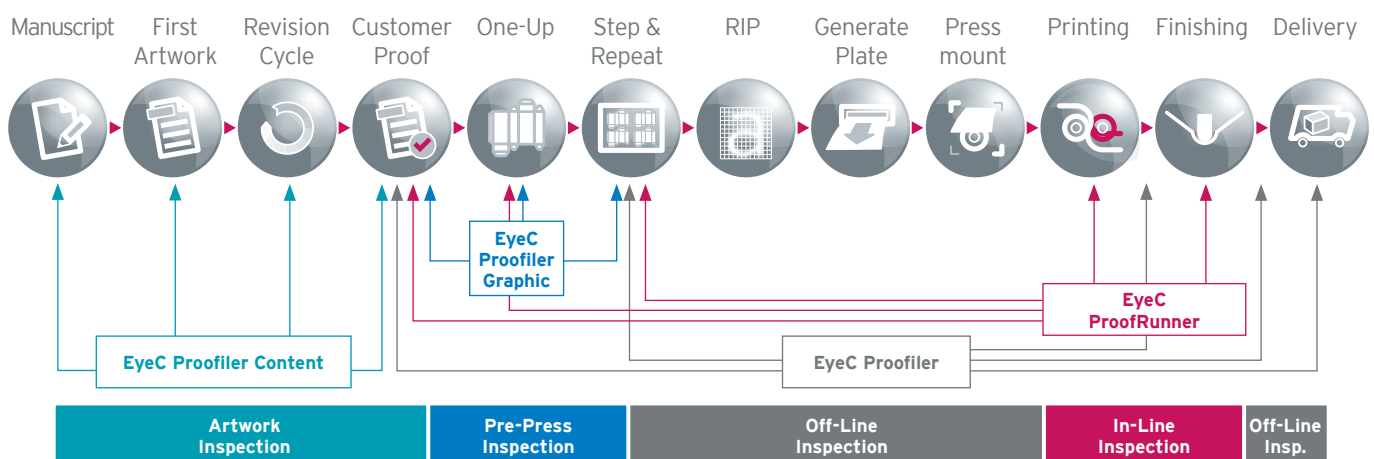
Improve efficiency

Manual proofreading is a tedious and time-consuming task. Thanks to the EyeC Proofiler Content, you can inspect artwork files within minutes, allowing you to spend more time on tasks that add value to your company.

One solution

The EyeC Proofiler Content allows you to control your entire design process and review 100% of your content using only one solution. This means: just one installation, one validation, one product training and one maintenance contract.

The Design and Printing Process

Manuscript	First Artwork	Revision Cycle	Customer Proof	One-Up	Step & Repeat	RIP	Generate Plate	Press mount	Printing	Finishing	Delivery

EyeC Proofiler Graphic

EyeC ProofRunner

EyeC Proofiler Content

EyeC Proofiler

Artwork Inspection	Pre-Press Inspection	Off-Line Inspection	In-Line Inspection	Off-Line Insp.

Technical specifications**

System	EyeC Proofiler Content	
Version	**EyeC Proofiler Content**	**EyeC Proofiler Content Plus**
PDF to PDF Comparison	standard	standard
Manuscript to PDF Comparison	-	standard
Layer Support	standard	standard
Supported File Formats	PDF, AI***	PDF, AI***, DOC, TEXT
Languages	All	All
Resolution	up to 2400 dpi, typ. 600 dpi	up to 2400 dpi, typ. 600 dpi
Pixel Size	down to 10 µm, typ. 42 µm	down to 10 µm, typ. 42 µm
Operating System	Windows based (64 bit). Windows 10.	Windows based (64 bit). Windows 10.
Networking	1 GbE	1 GbE
Text Content Inspection	standard	standard
Graphical Inspection	standard	standard
Barcode Inspection	optional	optional
Data Matrix Code / QR Code Inspection	optional	optional
Braille Graphic Inspection	optional	optional
Color Monitoring	optional	optional
Spot Color Separation	optional	optional

Row groups (left margin labels): Performance (PDF to PDF Comparison – Pixel Size), Features (Operating System – Networking), Features & Options (Text Content Inspection – Spot Color Separation).

*   Patent pending

**   All values provided are to our best knowledge at the time this sheet has been created and subject to change without further notice. These technical specifications are based on standard assumptions, please inquire the available speed and resolution of your system with the quotation. The specifications stated in the quotation and Order confirmation are assured product capabilities.

***   Saved with PDF preview

The EyeC Proofiler Content

- is objective and easy to use
- ensures 100% content verification – live and outlined text, graphics, layout, barcodes and Braille
- inspects any language and any alphabet
- provides 100% assurance that just the required corrections have been made
- is designed to meet the validation requirements in regulated industries

EyeC

quality control systems

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