EyeC Proofiler 5.1

New Product

EyeC Proofiler 400 DTe

As a new entry-level product in the small-format segment, the EyeC Proofiler 400 DTe offers proven inspection performance at an attractive price-performance ratio.

New Key Features

1D-/2D-Codes

Code Standard Compliance

Stay compliant with standards and use the latest methods and rules for verifying 1D and 2D codes in accordance with the revised ISO standards. With the involvement of EyeC code experts on the ISO committee, significant revisions to all ISO standards pertaining to 1D and 2D codes have come into effect in recent months. With EyeC Proofiler Version 5.1, you can stay up to date with the latest technology in accordance with ISO 15416:2025, 15420:2025, 15415:2024, 16022:2024, and 18004:2024. Upgrade now and continue to inspect your codes in compliance with these standards.

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User Interface

Drag & Drop for Quick Loading of PDFs

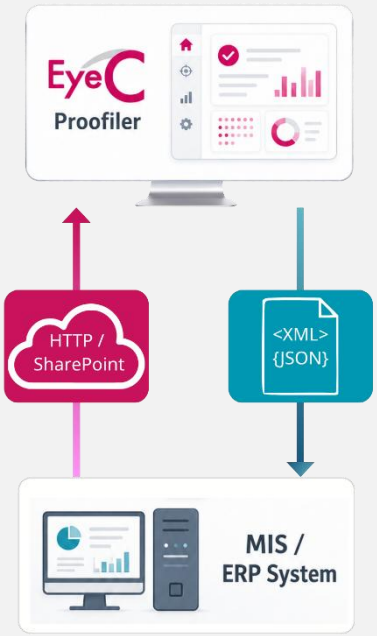
Take advantage of fast and intuitive loading of inspection files into the EyeC Proofiler user interface with our new drag & drop feature. In addition to our proven automatic loading process, you now have an even simpler option for loading files manually. Simply drag the file or files into the EyeC Proofiler window and drop them — and they'll be loaded right away.

Interfaces/Integration

Greater Flexibility in Integrating the EyeC Proofiler

With its expanded interface and export capabilities, the EyeC Proofiler can be integrated even more flexibly into existing production, quality management, and IT processes. For example, PDF proof templates can be loaded automatically via Microsoft SharePoint or generic HTTP interfaces. This eliminates complicated manual steps, thereby increasing reliability and efficiency. The results of the print inspection are then available in machine-readable formats such as JSON or XML and can be transferred to higher-level MIS, ERP, or other third-party systems.

As a result, the EyeC Proofiler not only provides reliable print image inspection but also supports end-to-end, automated workflows and efficient data exchange within your system landscape.



For more information, please contact our sales or service team.
www.eyec.com

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Version compatibility

Proofiler 5.1 is compatible to AuditTrailViewer 2.4, ReviewStation 2.4, ColorBookEditor 1.4 and ProofilerDBManager 1.4.

Creation date of Proofiler 5.1.0: 15.09.2026

List of Enhancements

Development Ticket	Service Ticket	Component	Summary
200	-	Main	Added Drag and Drop support for PDF files, allowing PDFs to be loaded directly as templates and samples.
4675, 4677, 4678, 4679	-	Barcode	Implemented support for ISO/IEC 15416:2025 1D Barcode Symbol Print Quality, including the new normative method for calculating threshold values for barcode inspection, updated calculation rules for Rmax and Rmin, adjustments to the continuous grading calculations, and clarification of the ERN calculation in the defects evaluation.
4682	-	Barcode	Implemented support for the ISO/IEC 15420:2025 EAN/UPC Specification, including updated decodability evaluation for the auxiliary patterns.
4684, 4687, 4689, 4696, 4697, 4702, 4704	-	DataMatrix	Implemented support for PF Codes – ISO/IEC 15415:2024 2D Symbol Quality, including continuous grading for 2D symbols, a new grayscale image binarization method, redefined Rmax and Rmin for 2D matrix symbol grading, and a new print growth calculation for 2D codes. The grading format has been updated to include the aperture value (e.g. 4.0/20/W/45T instead of 4.0/20/W). For QR codes, aperture filtering has been updated according to the new ISO requirements. In addition, the new grading parameters Modulation and Reflectance Margin have been implemented.
4713	-	DataMatrix	Implemented support for DataMatrix ISO/IEC 16022:2024, including the revised reference decoder algorithm, new calculation methods for axial and grid non-uniformity, and the updated ISO requirement making rectangular symbol formats a mandatory feature instead of an optional one.
4718	-	Barcode	Improved the visualization of Pharmacodes
4727	-	Database	Upgraded to SQL Server 2025 Express
4728	-	Main	Upgraded to WIBU CodeMeter Runtime 8.40e

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4729	-	DataMatrix	Implemented support for the ISO/IEC 18004:2024 QR Code symbology specification, including the updated reference decoding algorithm in accordance with the revised standard.
4731	-	Scanner	Added support for new Proofiler 400DTe scanner
4734	-	Main	Added support of json output as target format for the transformation
4739	-	Main	Implemented a new 'CLI' handler for better integration in third party systems
4743	-	Barcode	Created a new Barcode Calibration Tool
4751	-	Main	Implemented a Sharepoint integration

List of Changes

Development Ticket	Service Ticket	Component	Summary
4730	15220	Main	Made item rating configurable. It is now possible to set Process/ItemQualificationEnabled=true. In this case it is possible to evaluate complete items as good or bad on the toggle view.
4749	-	Distance Measurement	Assigned a WIBU License to 'Manual Distance Measurement'
4750	-	Inspection	Assigned a WIBU License to 'Varnish & DieCut Check'
4763	15370	Main	Proofiler crashed when a very large template (> 1.5 GB) was opened in ProofObjectEditor. This was fixed and a message will now be shown. It informs the user, that the template file is too large to open it in ProofObjectEditor.
4764	-	Installation	The OpenJDK version was updated to version LTS 25. The Installation Guide was updated accordingly.

Bugfixes

Development Ticket	Service Ticket	Component	Summary
4726	-	Main	Fixed a zooming problem in ImageViewer
4752	13224	DataMatrix	The required grade of Barcode, DataMatrix and QR codes was removed from the report when the code verification was set to 'do not verify codes' in the settings.

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