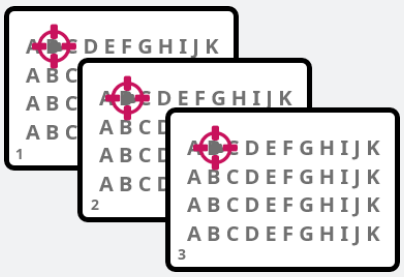
# EyeC ProofRunner 7.3

All ProofRunner Products

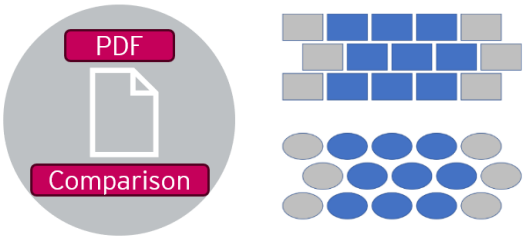
## Improved serial defect detection

The ProofRunner has now a new mode of serial defect detection. This allows for serial defect detection regardless if detected as regular defect or homogenous area defect. For each detection method a serial defect size can be defined.

With this new method single deviations detected in homogeneous areas like material defects, dust or dirt speckles can be ignored on printing presses. This allows to focus the press operator's attention to more relevant defects originating from the printing process.




For more information,
please contact our Sales Team.




ProofRunner Web

## PDF Comparison with shifted item rows

The ProofRunner Web now supports PDF comparison for artworks on which the item rows are shifted to each other.

For more information,
please contact our Sales Team

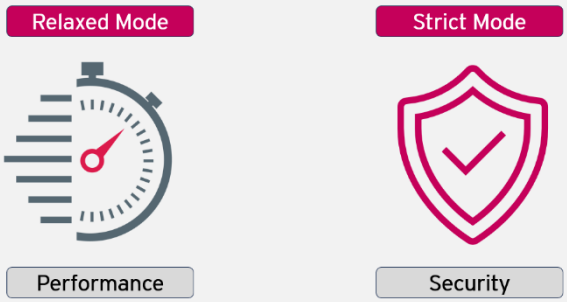
ProofRunner Web

## Improved Quality- and Finishing Manager

The two optimized modes "Relaxed" and "Strict" are now available in Quality Link, which can be used to optimize the use of the Quality and, in particular, Finishing Manager to the respective customer focus.

Relaxed mode is designed for performance and aims to enable the print shop to achieve maximum efficiency when processing a job in the Quality Link.

Strict mode, on the other hand, is designed for security and offers the print shop the option of making the processing of suspicious areas extremely secure for orders from highly demanding end customers - such as pharmaceutical manufacturers.




Please contact Service to activate this feature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# EyeC ProofRunner 7.3.0

**Note:**
The ProofRunner 7.3.0 is compatible to QualityLink Server 6.0.4 and higher (QualityLink Server 6.2.0 is recommended).
The ISR file format was changed in ProofRunner 7.3.0. ISR files from previous versions can be loaded in version 7.3, but ISR files from version 7.3 can **not** be loaded in previous versions.

Creation date of ProofRunner 7.3.0: 19. Mar. 2024

## Enhancements

| Development Ticket | Service Ticket | Component | Summary |
|---|---|---|---|
| 2139 | | Database | A Database Test Tool was created. It can be used to test if the Database can be accessed. |
| 2140 | | Software architecture | The handling of serial defects was improved. |
| 2149 | | Inspection | Added an extended shading correction for ProofRunner iX. |
| 2151 | | Workflow | Fixed the relaxed mode for ProofRunner Web. |
| 2154 | | Software architecture | The roll cutter license will now also be used for the sync mark applicator. |


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# Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 1961 | | Hardware | Added a check of available PCIe lanes of the Kaya Frame Grabber. |
| 2097 | | Hardware | Activated the BASE mode for Dalsa P4CM camera for testing and error-checking. |
| 2141 | | Workflow | Created a new algorithm to create item matrix for staggered items and staggered repeats. |
| 2158 | | GUI | Fixed manual loading of ISR files in FinishingManager |
| 2161 | | Software architecture | Fixed the header of CSV files of distance regions. The header did not contain the measuring direction. |
| 2164 | | Inspection | Fixed an issue on digital printing machines where the last frame was not inspected. |
| 2167 | 13818 | Software architecture | Fixed a reporting issue that occurred when the report language was changed multiple times during the inspection. In this case the report only contained the last language. |
| 2168 | 13373 | GUI | Fixed a crash that occurred when clicking on 'Menu -> Inspection -> Mark a portioning segment end'. |
| 2169 | | GUI | Fixed an issue that occurred when the screen ratio was 4:3. In this case not all editing buttons were visible. |
| 2170 | | Hardware | Fixed a crash that occurred at inspection start when the machine / device settings were misconfigured. |
| 2171 | | GUI | Fixed an error that was shown when a distance measurement area was defined in the digital master workflow. |


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# EyeC ProofRunner 7.3.1

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2198 | | Inspection | Made the color estimation in iX mode more robust. The color models used previously tended to overfit the provided colors (especially brown colors). |
| 2205 | | Software architecture | The item-wise CSV report with different DeltaE regions did not contain a column for every region. If a CSV report was created with every item in a single row then not for every DeltaE region a separate column was created. Instead of this the same column was used. This could lead to a wrong report if the regions have different thresholds. |
| 2206 | | GUI | The SSA message was changed. In older versions of ProofRunner a warning message was shown during the startup of ProofRunner that informed the user that the SSA was about to expire in the next 30 days. The message will now only be shown in the last 15 days before the expiration of the SSA. The criticality of the message was reduced by changing it from a warning into an information. In the message box a sentence was added that informs the user that the ProofRunner functionality is not affected.<br>In Sheetfed mode no message will be shown when the SSA will expire. If a second dongle is found that has a SSA that is valid longer, then no expiration message will be shown. |
| 2207 | 9640 | Software architecture | The numbers in the section table of the report were wrong. If you summed up the numbers in the section table of the report then they might differ from the overall statistic above. This was fixed and the sum of the section statistics should be equal to the overall statistic. |
| 2208 | | GUI | The strict mode option in QualityManager and FinishingManager did not have a description in the settings dialog. The description of the defect processing mode was added in the inspection settings. It's now shown in the panel on the right and as hover text. |
| 2209 | 14107 | Inspection | Fixed a crash that occurred when a resumed job was loaded. The crash occurred with version 7.2.4 and a 'Fatal Error' message was shown. |
| 2211 | | Hardware | The length of the stop signal can now be adjusted for the following machine types:<br>• RewinderEyecStandard<br>• RewinderEyecStandardWithJogSignal<br>• RewinderEyecStandardWithSlowDownSignal |


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| | | | |
|---|---|---|---|
| 2212 | | Inspection | Fixed template rendering in IX-Mode for odd frame heights. |

# EyeC ProofRunner 7.3.2

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2131 | | Hardware | The type of the under-light can now be configured in the Machine settings -> Lighting settings. |
| 2188 | | Hardware | Lighting: the Auto-Switch-Off feature is now enabled by default |
| 2216 | 14070 | GUI | Item based statistics for printing presses have been fixed |
| 2218 | | Software architecture | CpuSets: additional logging for hyperthreading |
| 2221 | 14181 | GUI | Reporting server connection state and problems were not transparent to the operator |
| 2222 | 14180 | GUI | During job setup, the automatically determined distance in the distance measurement setup was zero for subsequent inspection jobs |
| 2224 | | Hardware | Camera Dalsa Linea ML: the white balance is now saved inside the camera in the correct user set |
| 1999, 2196, 2197 | | Hardware | Changes for EyeC internal test tools were implemented in the lighting area |


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# EyeC ProofRunner 7.3.3

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2155 | | Workflow | The template rendering for new jobs did not work if a present template rendering was running. Now template rendering is always triggered if a new job is started automatically. |
| 2227 | | Inspection | The start of an inspection failed because another inspection was already running. This was changed and it is now possible to start a new inspection after an unexpected inspection stop. The logging was improved and a notice message was added that informs the user after an unexpected inspection stop. |
| 2228 | 14313 | GUI | The Proofiler qualification with a standard workflow and disabled combo job loaded multiple PDF files. The expected behavior was that only one PDF file would have been loaded. This was fixed and the now the composite print switch for standard qualification workflow will be correctly considered and only one PDF file will be loaded. |
| 2229 | 14331 | GUI | The live image sometimes did not show a repeat image holder. This lead to flickering images on the impaction screen. |
| 2230 | | GUI | The workload was not correctly shown in the statistic in the carton inspection mode. |
| 2231 | | Inspection | Fixed a race condition, which resulted in a ProofRunner crash at the end of an inspection. |


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# EyeC ProofRunner 7.3.4

**Note:**
The GDPNetworkBroker has been updated to version 3.2.10.

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2232 | - | GUI | Merge from 7.2.7: Fixed an issue where the existing image was shown when capture image failed. This occurred in the automatic workflow and instead of the existing image no image should be should when capture image failed. |
| 2237 | - | Inspection | Fixed crashes that occurred sporadically when the image acquisition was cancelled due to missing views. |
| 2239 | - | Hardware | Fixed an issue where ProofRunner inspected sheets on a KBA machine that was only running very shortly. The GdpNetworkBroker will now ignore single potentially corrupt UDP packets. |
| 2240 | - | Software architecture | Too many log entries from the reporting service were written in the log file. The amount was reduced to a normal level. |
| 2241 | - | GUI | The speed was only shown in m/min in the carton inspection. Now it will also be shown in cartons/h. |

# EyeC ProofRunner 7.3.5

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2242 | - | Inspection | Fixed the sheet geometry dialog for Sheetfed machines with Black-and-White camera. No sheet could be captured. |
| 2243 | 14274 | GUI | Fixed a crash on a rewinder that occurred during the inspection after suspect grading. ProofRunner crashed after the operator marked one item as replaced, then graded a suspect on the same item as good and then marked the same item as replaced again. |


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# EyeC ProofRunner 7.3.6

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2246 | - | Inspection | Fixed a ProofRunner crash that occurred when full repeat Delta E and serial defects inspection was enabled. |
| 2247 | - | GUI | The text of the update button on the result tab was not visible. This was fixed and the button now looks correctly. |
| 2248 | 14670 | Workflow | ProofRunner crashed when job data with invalid characters was sent by the ManRoland control station. The crash was fixed and should not occur anymore. |
| 2249 | - | GUI | Marker codes of sections should only be accepted when entered by operator if they are unique. The user cannot click on 'ok' anymore if the entered code is not unique. The user will be informed in form of a message in yellow letters. |

# EyeC ProofRunner 7.3.7

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2250 | - | Workflow | The automatic inspection was not automatically started in the digital master workflow. This was fixed and the inspection is now automatically started after template rendering. |
| 2251 | - | Software architecture | Fixed the logging in FinishingManager. The end of roll will now be correctly logged. |
| 2252 | 14988 | GUI | Until now there was no error message if the capturing of the master image failed. This was fixed by adding a notice message in the automatic workflow and a message box in manual mode. |


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# EyeC ProofRunner 7.3.8

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2254 | 15119 | Inspection | Fixed two bugs in resume inspection functionality (for carton systems):<br>1. ProofRunner crashed after resuming the inspection.<br>2. ProofRunner did not show cartons after resuming the inspection. |

# EyeC ProofRunner 7.3.9

## Defects

| Development Ticket(s) | Service Ticket | Component | Summary |
|---|---|---|---|
| 2256 | 15429 | Workflow | Fixed: An issue where file size restrictions caused external reporting to fail. |
| 2257 | - | GUI | Fixed: An issue where the size of severe errors was not displayed. |
| 2259 | - | GUI | Fixed: An issue that prevented entering decimal DeltaE values in the job editor. |


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