

TubeScan 7.2 Release Report

1 7.2.28

Fixes:

- Empty roll information fields in QLink press/rewinder

Improvements:

- New option for TubeScan synchronisation in defect count window
- New option to disable error messages for synchronisation (but only for the current session)

2 7.2.27

Improvements:

- Included Portuguese translations
- Alarm length setting gets disabled, when defect control is enabled.
- Dynamically configurable snapshot recording
- Backup old settings before updating to new revision
- Only graphical defect queue with pharma mode

Fixes:

- Prevent moving lanes with auto matrix detection
- Report can now be deleted after viewing it
- Fix tiff image snapshot recording
- Moving reference image when automatrix is enabled
- Fixed possible "The Application object is being shut down." exception

3 7.2.26

Improvements:

- TubeScan master slave communication infrastructure

4 7.2.25

Improvements:

- Data validation over csv database for variable data feature

Fixes:

- Fixed not working coarse registration
- Fixed that normal inspection was applied in the area of a new barcode or number recognition zone

5 7.2.24

Improvements:

- Allow to ignore vertical and / or horizontal coarse registration offsets
- Added parameter to UISettings.xml to allow to change Coarse Registration suppression and limitation parameters in the settings dialog (disabled by default)

Fixes:

- Machine not stopping in rewinder control if going too fast to stop at target position
- Speed Strobe warning not coming for Matrix Vision cameras
- EnvironmentSettings not saved
- Error MessageBox if no license/no camera or wrong camera
- Skipping defects in pharma mode was not possible
- QLink Rewinder exception "COMException [...] outstanding read or write lock"
- Freezed count buttons after closing settings dialog in Qlink Press/Archiver while in production

6 7.2.23

Improvements:

- Text inspection default settings

Fixes:

- Fixed, that histogram zone possibly displayed in full repeat height, although it is limited
- The maximum height for the limited histogram zone can no longer exceed the repeat height
- Exception when loading job with averaging enabled

7 7.2.22

Improvements

- Limit vertical search area for coarse registration

Fixes:

- Fixed possible exception in text inspection after inspection start (occurred e.g. after repeat length has been changed)

8 7.2.21

Improvements

- Move graphical defect queue to screen if it is located not on screen

Fixes:

- Fixed that rewinder did not stop properly in *PharmaMode* on rewinder control
- Fixed that measurement results were not updated anymore after machine stop (only for *DefectQueue* enabled)

9 7.2.20

Improvements

- Deactivate splash evaluation by setting splash length to 0

Fixes:

- Fix exception message when skipping through defect queue
- Handle exceptions when teaching from defect queue
- Fix exception when displaying multiple repeats in live view
- Fix zone data not applied
- Fix exception during inspection
- Fix fine registration on reference image setup

10 7.2.19

Fixes:

- Update from 6.2
- Camera errors now are properly reset after job load
- Library loader error when MIL is not installed
- Exception when displaying more than one repeat in live view

Improvements:

- User now can filter also by roll id and resort QLink Editor/Rewinder roll list
- Jobs now get loaded synchronously

- “Fast AutoWaste”: inspect only every second repeat in auto waste mode if all lanes are bad
- “Fast WebWaste”: inspect only every second repeat in auto waste mode if at least one lane is bad

11 Revision 7.2.18

Improvements:

- Additional logfile for signals
- BDE interface now also logs the containing data
- Load pdf for comparison via barcode scanner with wildcards
- Added sub-sampling processing for faster inspection
- Speed up of coarse registration
- Log TubeScan serial number and TeamViewer ID in log file

Fixes:

- Update of MeasurementSettings from 5.6
- Chain button change not applied in text inspection settings window
- Defect gets shown on wrong reference image when viewed by rollmap (offset in web direction)
- Bad defect image after machine/camera stop
- Correct TubeScan serial number in QLink roll ticket

12 Revision 7.2.17

Improvements:

- The configuration directory and job name were added to the settings dialog title
- Settings window is now showing the corresponding wire colors for the output signal buttons on placement tab
- Inspection window does not show *PharmaMode* option if not licensed
- Rewinder does no longer show manually skipped defect to be placed

Fixes:

- Crash in zone editor when trying to remove all text inspection zones
- Added ROI size check for text inspection zone

13 Revision 7.2.16

Improvements:

This document is protected by copyright and must neither be copied
nor duplicated nor be made available to a third party
Nyquist Systems GmbH

- Added new parameter *QLinkDefectOffsetRepeats* to placement settings;
This allows to shift the actual placement location by positive or negative repeats (e.g. -3.5 to prepone the location)

14 Revision 7.2.15

Improvements:

- Message when both fine and coarse inspection are off
- Font size auto detection for OCR

Fixes:

- Defect images are shown with horizontal offset when selected on rollmap
- Camera error indication is not updating correctly for multi camera systems

15 Revision 7.2.14

Improvements:

- Skip defects in graphical queue

Fixed:

- Locked buffer exception in QLink Rewinder
- QLink signal offset (stop position)
- Exception when scan mode is changed

16 Revision 7.2.13

Fixed:

- Exception message appears, when pressing remove button without an existing zone

Improvements:

- Improvements on fine registration, which includes adding SAD and SSD algorithms
- Added Text Inspection zones to improve inspection accuracy and reducing false defects

17 Revision 7.2.12

Fixed:

- NYCAMLog Archiver

Improvements:

- Update Apitron XML-Engine and NLog

18 Revision 7.2.11

Fixed:

- CalibrationTool crash at start up

Improvements:

- REFLECTIVE_BRIGHTFIELD scan mode is always available now, for Matrix Vision cameras
- Use of separate camera configuration file for scan mode REFLECTIVE_BRIGHTFIELD is possible, e.g. for separate flat field correction

19 Revision 7.2.10

Fixed:

- Slider in zone editor could be initialized with wrong value, when window was opened

Improvements:

- Allow to adjust digital gain per Matrix Vision camera and scan mode
- Allow to apply stripe offset per line instead of every fourth line for Matrix Vision cameras

20 Revision 7.2.9

Fixed:

- QLinkViewer does not show archived rolls
- Crash when stepping through defects (arrow keys) or teaching defects too fast via GraphicalDefectQueue

Improvements:

- Signal output over SlowDown pin when signal queue gets cleared (clear defect queue, deactivate inspection, camera start/stop)

21 Revision 7.2.8

Fixed:

- Exception when selecting a QLink defect from defect queue
- Production rolls get not always deleted after starting a new one
- Deadlock when changing rotation or mirroring of camera

22 Revision 7.2.7

- Fix not inspected areas for rotated images

23 Revision 7.2.6

Fixes:

- Fix resolution field in calibration tool
- Fix duplicated rolls in QLink Editor

Improvements:

- Roll status visible in roll dialog
- Possible to enter unlimited stripe height for sample tests

24 Revision 7.2.5

Improvements:

- Show rollmap bookmarks for camera errors
- Disable signal logging by default
- One log file per start
- Show warning when signals in placement dialog are tested with camera enabled

Fixes:

- Disable experimental asynchronous live view
- Don't log warning when invalid license files are existing beside a valid one
- Fix OutOfMemory Exception when drawing averaging overlay
- Remove wrong connect roll warning from log
- QLinkEditor rollmap does not get automatically updated
- QLink roll information input window does not switch controls for barcode or text input methods
- QLinkRewinder does not invert defects in rolls with just one lane

Calibration Tool:

- Update Camera resolution on focus change to prevent issue with resolutions starting with 0.

25 Revision 7.2.4

When “AdvancedPermissions” from UISettings.xml is ‘true’ the Operator has to enter a password to be able to change inspection settings. The password is the same as to open the settings dialog (default “N27T”).

26 Revision 7.2.3

Fixes:

- Crash when user tries to teach a defect from graphical defect queue window

27 Revision 7.2.2

Fixes:

- handle Matrix Vision DMR_WAIT_ABANDONED error
- fix Matrix Vision Buffer Unlocking after Timeout

Improvements:

- allow stretching in PDF Calibration Validation

28 Revision 7.2.1

Fixes:

- Fix rotation in pdf comparison

29 Revision 7.2.0

Initial Version