Release Notes - Scan Control software

This document describes the enhancements and defect fixes related to the release of Scan Control software.

MICROARRAY SCANNER SOFTWARE 9.1.9

User Guide Selection

Scan Control now includes a new User Guide selection feature that allows to end user to select the appropriate version of the User Guide to display based upon their scanner model, language, and regional preferences. Issue ID 230537

Service Software Enhancements

Issue ID 020035, 022075, 022111, 233918, 238850

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Laser end-of-life warning defect fixed

In a few scanners, a "laser end-of-life warning" was displayed in error, due to occasional current variations during laser warm-up. Lasers are now checked after warm-up. Issue ID 195614.

Scan mode added to TIF headers

The TIF header of the image file now indicates if the scan was run in high-sensitivity mode. Issue ID 195966.

Scanning robustness improved for contaminated slides

The auto-focus controls now use additional focus locations to mitigate dirty areas on slides. Issue ID 180200, 195618, 181332.

Additional checks in Self Test

The user Self Test now includes additional checks on laser performance. Issue ID 187593.

Warm-up message

A "Lasers Ready" message was added to the status bar to confirm when lasers have fully warmed up. Issue ID 017362.

Service Software Enhancements

Issue ID 178431, 182974, 183184, 184345, 185202, 186618, 187793, 187795, 189385, 189826, 191318, 198341, 198349, 200378.

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Service Software Enhancements

Issue ID 181835, 182019, 182085, 182600, 182882.

Installation Qualification Procedural Improvements

Issue ID 182106, 182149, 182752, 182980, 182991.

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Enhanced sensitivity scanning mode

Scan Control now includes a new, high-sensitivity mode available at all scan resolutions, providing the user with even lower detection limits. Sensitivity is comparable to the double-pass mode but with scan times reduced by 25%. The high-sensitivity mode can be selected in the Resolution pull-down menu of the Scan Protocol Editor. Issue ID 176735.

WARNING: Scan Control 9.1.1 does not recognize the new high-sensitivity mode. After 9.1.3 or a later version is installed, user cannot downgrade back to 9.1.1 unless all high-sensitivity protocols have been deleted or replaced with standard protocols. Issue ID 178924.

Self Test defect fixed

In Scan Control 9.1.1, failure to restart Scan Control after running Self Test can affect the PMT settings and impact the instrument calibration as a result. Restarting the software is no longer necessary in the new 9.1.3 version. Issue ID 176471.

Improved Auto-Focus performance

Auto-Focus performance was improved for non-standard thickness slides to match the precision of standard slide focus. Issue ID 177422.

Slide Queue defects fixed

In rare cases, attempting to add slide slots with blank or custom protocols to the queue to scan could result in unexpected behavior or a software error. The issues were fixed in the new 9.1.3 version. Issue ID 175335, 181313.

In rare sequence of protocol editing selections, PMT gain could be set below its lower limit and trigger an error. Such possibility was eliminated. Issue ID 179753.

WARNING and ERROR statements changed

A "license file not found" WARNING statement was displayed in the log file unless a high-resolution license had been installed, giving the user the impression that something was wrong. Standard resolution scans do not require any license. The warning was modified accordingly for greater clarity. Issue ID 177122.

Error window "folder is not write-accessible" was displayed when user attempted to assign a non-existing scan data folder. The error message was modified to "folder does not exist" for greater accuracy. Issue ID 178980.

If connectivity to the scan data drive is lost during a scan, a new message informs user in which local drive folder the scan was saved. Issue ID 180847.

KNOWN ISSUES

The bottom status bar may not refresh automatically after the PC exits the screensaver mode. Clicking anywhere in the Scan Control window will refresh the status bar.