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OmniScan iX – iXU 2.1R19

Release Notes



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1. Presentation

The objective of this document is to describe the changes which have been made between the iXU 2.1R19 and 2.1R15 software versions.

2. Bug Fixes between 2.1R19 and 2.1R16

2.1 [21989] Fixing a deadlock with the *NDT Remote Control Start/Stop* commands

When sending repeated *Start* and *Stop* commands to the OmniScan iX using the *NDT Remote Control* library, the software eventually crashed. This bug has been fully corrected.

2.2 [21989] Fixing a deadlock with the *NDT Remote Control Change Storage Location* command

When sending a command to change the Storage Location through the NDT Remote Control Library, the OmniScan iX had a certain probability of crashing. This bug has been fully corrected.

2.3 [22322] and [22356] Fixing different software crash issues

It has been brought up by different clients that the 2.1R16 software was crashing when left unattended for a certain number of hours. This bug has been fully corrected.

2.4 [21893] Fixing an unneeded clear of C-Scan data

When changing the active group while in *Multigroup* display mode, the C-Scan data was cleared of the display. This bug has been fully corrected.

2.5 [20539] Fixing a refresh issue for the corrosion readings

When switching to the “A-Scan Synchronization on Gate I/” mode, the readings weren’t updated automatically. This bug has been fully corrected.

3. Bug Fixes between 2.1R15 and 2.1R16

3.1 [21637] PRF becomes blue when adding an Analog Output

For a specific client setup, the PRF value indicated in the head bar would become blue when set to a certain value. This would then lead to a complete instrument freeze until the PRF was manually brought down. This bug has been fully corrected.

3.2 [21884] Adding a sixth group causes crash with client setup

For a specific client setup, adding a sixth group would cause the software to crash. This bug has been fully corrected.

3.3 [22094] When pausing the acquisition via a DIN command, the iXU crashes

When pausing and resuming the acquisition via the DINs a certain number of times, the instrument would freeze and enter in alarm mode. This bug has been fully corrected.

3.4 [22144] TCG is displayed but not applied on several channels

When loading a multi group setup that had TCG on different channels, the software would display the TCG on all of them but only apply it to the active channel. This bug has been fully corrected.

4. New Addition in Version 2.1R18

4.1 [21962] Adding ERS zone readings

In order for the DGS users to perform much quicker ERS data analysis, 8 new SIZING readings have been added. Once a zone has been defined using the cursors, these readings can be used to get various ERS-related measurements.

5. Conclusion

All the bugs that have been targeted for the iXU 2.1R18 version were flagged by customers. These bugs mostly concerned stability issues and have all been fully corrected. Also, the addition of 8 ERS zone readings will allow the operators to perform much more efficient DGS data analysis.