

EDDYFI MAGNIFI® GO 5.4R5 RELEASE NOTES

Release date: August 15th, 2024

Cloud-based Licensing System

Magnifi® GO 5.4 is now activated through a cloud-based licensing system.

For clients under a valid maintenance plan, access to version 5.4 is included.

If you are not under a valid maintenance plan, please contact your Eddyfi Technologies sales representative.

New Features and Improvements

Generic

- Several improvements have been made to the user interface of the Connectivity tools, making them clearer and easier to use.

Surface Applications

- Magnifi now supports the new circumferential encoder for Spyne™ through a revised setup Wizard.
- With Sharck™-HR setups, using the SCC indication button now adds the proper SCC Depth to the report.

Modifications

Generic

- Similar to the desktop version of Magnifi, the Reddy® now offers linked views and the C-scan name splitting option.
- The C-scan's auto-adjust dialog now adjusts both the starting position and the size of the C-scan.

Surface Applications

- The generic Wizard for surface probe setup creation can support probes having a size (Y axis) smaller than 10 mm.
- Spyne:
 - The Spyne Wizard now limits the maximum scan size.
 - Spyne setups made with Magnifi 5.3 or prior can be readback and used for data acquisition and analysis but cannot be modified using the Wizard.
 - Low-pass and high-pass filters are now applied on the channels instead of the C-scans.
 - Spyne setups with axial channels only and transverse channels only have been removed.

- Legacy Sharck-HR setups have been removed.

Resolved Issues

Generic

- Several bug fixes for the .html report format introduced in version 5.3:
 - Multiple formatting and display issues have been solved.
 - The empty cells of the indication table no longer show "0".
 - The Inspection Summary section of a tubing report no longer duplicates the feature rows. The total number of analyzed tubes now also includes the tubes reported as NDD and with features.
 - If the indication table profile is configured to "Saved with setup", it no longer generates a blank report.
- The following bugs affecting the Connectivity tools have been fixed:
 - Connection issues between a mobile device and a Reddy
 - Error message when connecting to a Reddy using an Apple mobile device
 - Bugs happening when cancelling a Zoom update
 - Blank page when signing-in to OneDrive when Zoom is active
 - Begin Zoom session button remains inactive after reconnecting to the Wi-Fi
 - Error message when trying to establish a Wi-Fi connection if password is incorrect
- Corrected issues that could make Magnifi freeze when starting an acquisition with very large C-scans.

Surface Applications

- Corrected axial positions for the axial channels of the ECA-SPYNE-C-202-250-086 probe.
- Modifying the value of the low-pass filter through the Spyne Wizard is now correctly applied to the setup.
- Performing a Null operation during a raster scan sequence no longer affects the position of the axial preset when incrementing to the next pass.
- Fixed the issue that was causing error messages when adding several indications on the same Sharck data file.
- User Material calibration now functional with the SHARCK-PEN-HR probe.

Tubing Applications

- Fixed intermittent issues causing error messages to appear when using depth sizing curves.

Known Issues, Limitations, Restrictions

Surface Applications

- Issues and limitations affecting Spyne setups configured with the circumferential encoder:
 - If an indication is detected around the 0-degree mark, it will be split into two separate boxes, one that extend above 0 degree and another one below.
 - Zooming manually in the C-scan view during acquisition may cause display errors.
 - Circumferential position of indications not available in degrees in the report.

Recommended System Requirements

- Reddy for surface (32/32M, 64/64M or 128/128M)
- Reddy for tubing (AC-E)

Firmware

- 2.1R15 (included in MagnifiGO installer package)