

Eddyfi Magnifi® GO 5.0R4 Release Notes

Released on: August 5, 2022

*****Cloud-based licensing system*****

Magnifi 5.0 is now activated through a cloud-based licensing system.

For clients under a valid maintenance plan, access to version 5.0 is included and preactivated. After installing the new version, simply connect the instrument to the internet to activate the license.

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

This release note highlights the functionalities, improvements and fixes brought with Magnifi 5.0 (R3).

The 5.0R4 service release only fixes the following issue:

- License codes with less than nine characters could not be activated in desktop environment.

New Features and Improvements

Surface Applications (GO)

- *Digital I/O* button in the *Setup* ribbon to configure the actions made by the keys on the probe keypad.
- New indication visualization button in current view ribbon to select which indications display in the C-scans: detected, reported, or all.

Generic

- Cloud-based licensing system.
- *Filtering* data files in data list by *Report* entry:
 - File status: Planned or tagged
 - Report entries: Not analyzed, no defect, or with indications/features.
- *Report* column in the data list for users to review the associated information more easily.
- Total number of data files displayed in inspection folder. Related number of data files displayed when a data file filter is applied.

Modifications to Existing Features

Surface Applications (GO)

- Updated Spyne setups:
 - Auto Next on Stop preference enabled
 - C-scan grid removed.
- Updated documentation for Sharck-HR and Spyne.

Tubing Applications (GO AC)

- In the conventional Landmarks menu, *Suggest* button with common configuration parameters and option to activate/deactivate the detection now available.

Generic

- The desktop Reddy® data reader is now Magnifi CPN (Companion):
 - Replaces Magnifi R. Requires an active MAGNIFI-CPN license to run.
 - Magnifi CPN can read any data acquired with a Reddy. Previously, Magnifi R could only read Reddy data acquired under a valid maintenance plan (non-expired). This restriction has been removed with Magnifi CPN.
- Acquisition automatically stops when reaching the defined scan size in the Wizard or maximum size, preventing acquisition of too large of data files and overwriting the start of the scan.
- Rotation button of the Lissajous always displays the manual rotation.
- All analysis content is cleared from a data file when it is re-scanned or renamed.
- Selecting an indication only resizes the mini cursors (when enabled).
- Completely revamped notification centre is now located in top-right corner with new messages.
- Major modifications to the *Data List* tab, including the following:
 - Refreshed user interface to make it clearer and easier to use.
 - Improved behaviours and data selection when navigating through the data using the *Next / Previous* and *Auto Next on Stop* actions.
 - File delete button gives option to delete data file or clear: Notes, Report entries, or All.
 - Acquisition Preferences button has been removed from the frontstage and is now located in the backstage.
- Information shown in the Notes tabs come from the loaded data instead of the selected data in the Data List tab.
- Detected and reported indications in the C-scans now have different colours.
- Show C-scan Palette button moved from the header of the view to the current view ribbon.

Dropped Features

Generic

- Preference set to keep re-scanned files by default. To delete re-scanned files, the filter and delete options from the Data List tab can be used.

- Information and Documentation tabs removed from frontstage.

Resolved Issues

Surface Applications (GO)

- Fixed several issues with Surface MFL (PipescanHD probes) setups:
 - C-scan Palette controls stay enabled after each data load or acquisition.
 - Green background of the strip chart view now displayed accurately.
- Custom Calculated Infofields no longer transmitted to the next setup loaded.
- Display null mark option available in the Display Preferences menu.

Tubing Applications (GO AC)

- Corrected issues with the next data selection when using the Manual Sequence.
- The *Auto create new file on next* preference is no longer automatically reset to OFF.

Generic

- Memory leak issues resolved.
- Automatic comments associated with indication codes now added to the report.
- Several display issues with the Data List tab now fixed:
 - Items always appended and located correctly under the parent item.
 - Setup Mode watermark position and size.
 - Adding files using the Free Format naming format now increments correctly.
- Tag for Review button now works for all the data files that have the same naming format as the one used for the current inspection sub-folder.
- Re-scan button now always functional.
- Detected indication boxes in 2D C-scan remain displayed after accessing the Wizard without applying modification.
- Previous / Next Indication buttons can be clicked faster.

Known Issues, Limitations, and Restrictions

Surface Applications (GO)

- Ability to select behaviour for *Next / Previous Indication* button (Detected, Reported or All) was added for the desktop version of Magnifi but is missing in Magnifi GO.

Generic

- Data List naming format always returns to Free Format when loading an inspection sub-folder.
- Some files from the Documentation section of the backstage have not been updated.

- The unit of some fields has changed from samples (smpl) to counts (cnt).
- Magnifi can take a few seconds to close.

System Requirements

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

Firmware

- 2.1R7 (included in MagnifiGO installer package)