



Magnifi 4.2R7 Release Notes

System Requirements

- Supported operating systems: Windows® 7, Windows 8, Windows 8.1, and Windows 10 (32-bit and 64-bit editions)
- Processor: Core i5 or better (or equivalent)
- Memory: 4 GB or more (recommended: 8 GB)
- Minimum available disk space: 500 GB
- Recommended network: Built-in network card (USB-to-network adapter also acceptable)
- Display: 13" or larger (recommended: 15")
For extensive analysis purposes, we recommend using an additional external monitor, 22" or larger with a minimum resolution of 1920 × 1080 pixels.
- Minimum resolution: 1366 × 768 pixels

Firmware

Included with this release of **Magnifi R**, comes the following firmware:

Ectane® 2

- Version: 2.0R3
Update your firmware the first time you connect to Ectane 2.

Ectane

- Version: 1.1D1T30
This is the same version as Magnifi 3.5R6.

New Features and Improvements

User Interface

- Simpler, more intuitive interface
- Ribbon-style menus
- Simpler project management
- Quickly open projects by reloading data
- Setups, data, reports, and screenshots always synchronized
- Smart folders displaying the file status, notes, images, review tags, features, and rescan files
- Large fonts
- **Data, Report, Information, and Notification Center** tab docking



Setup

- Configuration wizard for I-Flex™ probes
- Configuration wizard for Sharck™ probes
- Landmark configuration wizard
- Review sizing curves while manipulating data
- IRIS configuration wizard supports new accessories and makes recommendation based on tube dimensions
- Tubing configuration wizard for air-conditioner and chiller inspection with ECT
- File list creator

Customization

- Save, export, and import custom acquisition summaries
- Save, export, and import custom report summaries
- Easy layout management
- Programmable keyboard shortcuts

Productivity

- Faster acquisition start
- Right-click to load next file in report entry
- Calibration shortcuts
- Tag for review
- Manual sequences

Data Processing

- Y-gain
- 2D median filters
- Sizing overlays for TECA™
- C-scan and channel synchronization with hybrid probes such as DefHi®

Reporting

- Component overview
- Inspection summary
- Instrument settings (configuration wizard)
- Automatic screenshots with report entries and appendix

Modifications to Existing Features

None in this version.

- Inspection folders no longer contain subfolders. All data, setups, reports, and screenshots are saved in the same folder.



- Acquisition and analysis modes unified into one data folder
- All views redesigned, but function as before
- The inspection list file formats have changed, but older formats are compatible

Dropped Features

None in this version.

Resolved Issues

- Must load Sharck™ data twice without the pin to display the correct color palettes.
- Report export was not in the project path.
- RPS value was always 0.0 when performing an acquisition with an IRIS encoder.

Known Issues, Limitations, and Restrictions

- Configuration wizard does not clear the auto-calibration configuration.
- **Select a compatible setup** dialog box suggests incompatible setups when the number of channels is the same as the data you are attempting to load.
- When sizing curves are set to use US customary units, the metric system appears for out-of-range measurements.