

# Magnifi® R 4.3R7 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")
- **Minimum resolution:** 1366 × 768 pixels  
For extensive analysis purposes, we recommend using an additional external monitor, 22" or larger with a minimum resolution of 1920 × 1080 pixels.

## Firmware

Included in this release of **Magnifi** are the following firmware:

### Ectane® 2

- Version: 2.0R7  
Update your firmware the first time you connect to Ectane 2.

### Ectane

- Version: 1.1D1T30  
This is the same version as Magnifi 3.5R9

## New Features and Improvements

- Automatic data screening
- Landmark data quality validation (DQV) module for channel and C-scan data
- One-click RFT material correction on data readback
- Improved sizing for typical ID pits with dual polynomial curve
- Probot™ control fully integrated, including IRIS capabilities
- Updated setup wizard with NFA and MFL probes
- General liftoff compensation for ECA probes
- Improved process channel median filter to keep same size as input and select signal component (similar to C-scan median filter)
- Help with filter setup through the wizard
- Rulers available in C-scans and strip charts
- Improved TECA defect optimization option (cursor also move on X axis and resize)

- Improved length cursors style
- Dedicated interface to lock TECA baseline
- Sharck™ calibration from probe keypad
- New visual indicator that sizing is above maximum value

## Modifications to Existing Features

None in this version.

## Dropped Features

None in this version.

## Resolved Issues

- Probot controller supports fractional inches per second in speed settings
- Probot controller supports US customary units and the unit of distance is inches instead of feet
- Probot integration within the Magnifi setup wizard
- Supports port and update Polar 2D from Magnifi 3.5
- Supports port and update Polar 3D from Magnifi 3.5
- Improvements on the channel median filter processing
- Improvements on the clear screen functionality
- Auto-calibration now clears when creating a new setup
- Magnifi is now stable when using many types of views in the layout
- Improvement on signal rotations using the CTRL key

## Known Issues, Limitations, and Restrictions

- Automatic data screening is limited to shallow ID pitting in ECT and ECA tubing applications
- Automatic data screening does not support RFT or IRIS tubing applications
- Display issues when using a 125% zoom in Windows