



Magnifi 3.4R15 Release Notes

System Requirements

- Supported operating system: Windows® 7 (32-bit and 64-bit editions)
Although **Magnifi** has yet to be tested with Windows 8, it should run on this operating system without any problems.
- Processor: Core i5 or better (or equivalent)
- Memory: 4 GB (recommended: 8 GB)
- Minimum disk space: 500 GB
- Recommended network: Built-in network card (USB-to-network adapter also acceptable)
- Display: 13 in or larger (recommended: 15 in)
For extensive analysis purposes, we recommend using an additional external monitor, 22 in or larger with a minimum resolution of 1920 × 1080 pixels.
- Minimum resolution: 1366 × 768 pixels

Firmware

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

Ectane® 2

- Version: 1.7R1
Update your firmware the first time you connect to the **Ectane 2**
- Corrections, new features, and improvements in this firmware:
 - Corrected relay status when they are reset to a definition configured to **Detect defect or Magnifi ready**.
 - Corrected saturation coil minimum current
 - Corrected connection firmware update on Window 8
 - Corrected crashes related to digital I/O used during acquisition
 - Performed several improvements to the balance function
 - Enabled 5 V output on I/O connector by default
 - Implemented safe mode when instrument reaches operating temperature limit
 - Improved Probe ID management

Ectane

- Version: 1.1D1T29
- If you are currently using **Magnifi** 3.4R14 or later, you do not need to update your instrument firmware.



New Features and Improvements

No outstanding features and improvements in this version.

Modifications to Existing Features

No outstanding modifications in this version.

Dropped Features

No features were removed in this version.

Resolved Issues

- IRIS color palette not correctly adjusted after using the setup wizard.
- Impossible to adjust the orientation of a pie-shaped hardware alarm zone.
- Updated MFL probe setup in the `\\Magnifi\Setup\Ectane Tube` folder.

Known Issues, Limitations, and Restrictions

- Invalid setup using the wizard to create an electromagnetic testing technique (surface ECT or tube ECT, RFT, NFT, or MFL) after using the wizard to create an IRIS setup.
Workaround
Before using the wizard to create a new electromagnetic testing setup, load a default **Ectane 2** or **Ectane** setup (on the **File** menu, point to **New**, and then click **Ectane Setup**).
- Occasional erroneous acquisition resolution when moving from internal clock-based acquisition to encoder-based acquisition.
Workaround
Modify the scan axis, select the encoder, go back to the normal scan axis, and then reselect the encoder.
- Cursor permanently in scaling mode and **Magnifi** freeze at center mouse button click in Code view.