



Magnifi 3.4R14 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: 1.6R2

If you are currently using **Magnifi** 3.4R12 or later, you do not need to update your instrument firmware.

Ectane

- Version: 1.1D1T29
- Update your firmware the first time you connect to the **Ectane**
- Features and improvements in this firmware:
 - Improved data acquisition speed when the acquisition clock is supplied by an encoder.

New Features and Improvements

- Integrated full Ectane 2 SDK
- Export a single probe from the probe database
- Updated user's guide
- New Eddyfi MFL probe setups in the `..Magnifi\Setup\Ectane Tube\` folder



Modifications to Existing Features

None in this version.

Dropped Features

None in the version

Resolved Issues

- Missing green cursor in strip chart when using PP measurement button in Lissajous view
- Incorrect **Requested** acquisition rate in **Scan Parameters** when using US customary units (imperial) and an encoder as sampling clock
- Removed limitation error message that could appear when switching between RFT setups while Ectane is connected

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.