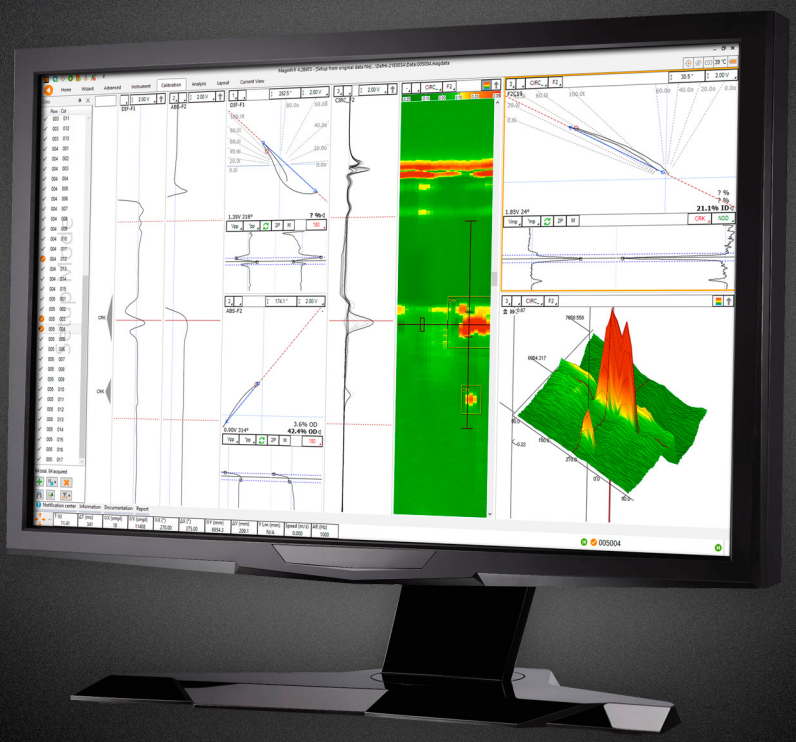
Technical
Specifications

MAGNIFI

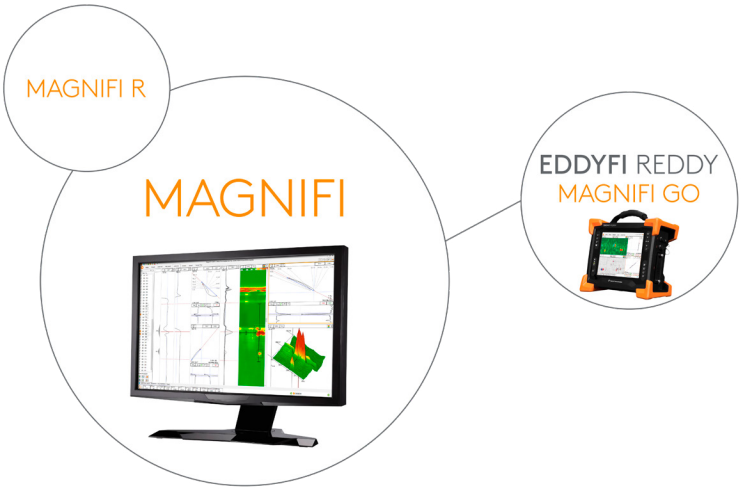
The Most Advanced Data Acquisition and Analysis Software



Eddyfi Technologies

THE MAGNIFI® SOFTWARE ECOSYSTEM

This ecosystem is designed to give you the most versatility for your money. Whether you're working with Eddyfi® Reddy® or Ectane®, on your top-of-the-line laptop performing advanced inspection data analysis, or on-the-go viewing data, you will always be up and running.



Magnifi GO

Magnifi GO is the embedded version of the software available on Reddy instruments. Whether you're performing surface inspections with one of our many standard surface probes or tubing inspections on air conditioners, Magnifi GO always suits your specific needs.

Magnifi R

Software Subscriptions holders can freely use Magnifi R, which features the same intuitive GUI as Magnifi. Analysts can be up and running in next to no time, with larger data layouts at their fingertips. This way, Reddy units can be out in the field acquiring valuable data, while analysts use Magnifi R to extract value from previously acquired data. You can easily plan and set up inspections for several instruments to make the most of your hardware.

MAGNIFI

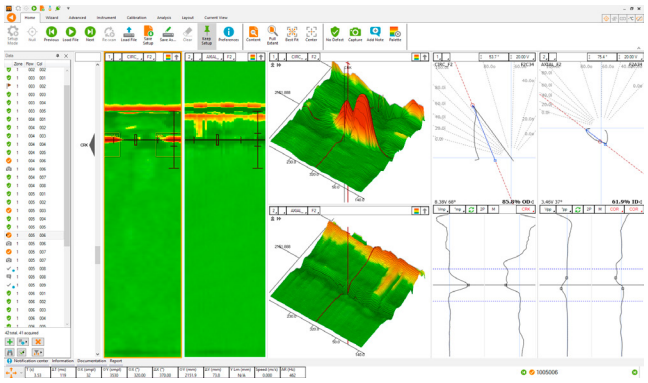
Magnifi is simply the most advanced multi-technology acquisition and analysis software for electromagnetic inspection.

Magnifi 4 is a technological quantum leap. Our integrated electromagnetic inspection data acquisition and analysis software boasts an intuitive graphical user interface (GUI) perfect for modern devices, powerful reporting features and data management, as well as simple inspection configuration.

Magnifi supports the most single-element/array tubing and surface inspection technologies. With its powerful GUI and features, there's no need to switch back and forth between several software anymore.

Easier-than-ever GUI

The completely redesigned GUI is made for modern devices, reducing the learning curve and increasing productivity.



Exceptional Data Management

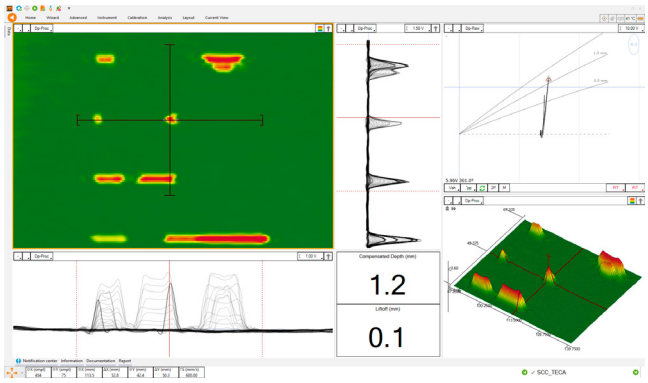
Projects, inspections, and setups are created and managed from a centralized location. You can quickly retrieve all the relevant information from an inspection by loading a data file. All inspection files are synchronized and quickly available. Smart folders showing file status (to inspect, to review, acquired, analyzed), screen captures, messages, rescans.

Improved Productivity

Magnifi 4 enhances productivity by, namely, making setups and acquisitions faster through new configuration wizards, better acquisition start, manual sequence and calibration shortcuts.

Highly Customizable

Magnifi 4 makes it extremely easy to create customized acquisitions and report summaries, layouts that you can use in different setups, to configure keyboard shortcuts, or even add new information fields to layouts.

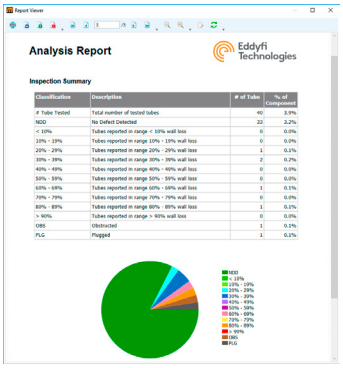


Flexible Signal Processing and Data Analysis

From tubing to surface applications, from single-channel to array probes, they all benefit from Magnifi 4's advanced features to efficiently process, compensate, and display inspection data. You can use real-time filters, superimposed channels, sizing overlays, and information views to build representative layouts for your applications.

Powerful Reporting

Creating inspection reports has never been so easy. The Magnifi 4 report generator enables you to choose different sections, which include a summary, a defect table, an inspection summary in tubing applications, and a screen capture appendix. You can export your reports to standard formats or save defect tables for use with a compatible third-party tubesheet mapping software.



FEATURES

APPLICATIONS	MAGNIFI R	MAGNIFI STD	MAGNIFI PRO
Surface and tubing inspection with ECT		•	•
Surface inspection with ECA and MFL, standard topologies			•
Surface inspection with ECA, custom topologies			•
Tubing inspection with RFT, NFT, and MFL		•	•
Tubing inspection with IRIS		•	•
Tubing inspection with array probes (DefHi®, NFA)			•
Tubing automated inspection with Probot™		•	•
TubePro 5.3 interaction link		•	•
CONFIGURATION			
Setup creation wizard and landmarks, sizing curves (%), and customizable layouts	•	•	•
Advanced channel processing		•	•
Advanced C-scan processing		•	•
Sizing curves (distance)	•		•
GENERAL			
Project and inspection management, reporting capabilities	•	•	•
Create, acquire, load, and save Ectane setup and data files		•	•
Create and save Reddy setup files/Load Reddy data files	•	•	•
SCAN MODES			
Linear, single axis	•	•	•
Tubing, rotating probes		•	•
Tubing, single-pass array; Tubing, rotating array			•
Surface, single-pass array and raster scans (single-channel & array probes)	•		•
TOPOLOGIES			
Conventional	•	•	•
Standard array (impedance, single driver, double driver, orthogonal), standard multitopologies array (I-Flex, Spyne), tangential ECA (TECA™), Surface MFL array	•		•
Tubing array (Eddyfi DefHi, NFA)			•
VIEWS			
Code, Lissajous (impedance plane), strip chart, information	•	•	•
Voltage plane for RFT		•	•
A-scan for IRIS; Projection for IRIS		•	•
2D C-scans	•	•	•
3D C-scans	•		•

2020-04

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