M2M CAPTURE SOFTWARE VERSION 3.2.1

RELEASE NOTE

This document describes the main enhancements of Capture version 3.2.1 released in March 2021.

System requirements

Capture V3.2 is compatible with all MANTIS and GEKKO under software subscription plan.

All units delivered or upgraded since June 2017 are compatible with Capture 3.2.

For PC use, the minimum requirements are the following:

- Windows 10 64bits
- Quad-core CPU @2GHz - no dedicated GPU required
- RAM 8GB
- 2GB free space on SSD

Please contact us at commercial-M2M@eddyfi.com for further information.

List of new features

Functions and improvements listed hereafter are available for all GEKKO and MANTIS configurations. Nevertheless, some functions depend on the package purchased concerning TFM features and advanced analysis tools.

- **TFM enhancement**
  - TFM Multi-group including multi-probe / multi-mode configurations (up to 4)
  - Envelope display allowing nicer TFM images and increased scan speed
  - Scan speed optimization for grid size up to 94k
  - Max number of pixels increased up to 98k on Mantis

- **Setup & ergonomics**
  - Improved motion & trajectory setup
  - Optimized UT setup mode & 3D display
  - Beam balancing (sensitivity cal.) for PA
  - Reduced data file size (auto data clean-up)

- **Scan plan & advanced setup**
  - Embedded scan plan including
    - Multi-skip ray tracing with chamfer interface angle
    - Near field info display & beam divergence for conv. UT/TOFD
    - Specimen annotations

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- Custom CIVA law import with uncorrected Bscan display
- Advanced trajectory configuration

❖ **Connectivity & platform**

- Version manager
- Simplified Capture structure on PC
- Remote version install & bug reporting
- Battery level & temperature info

❖ **View tools & display**

- 2D view smoothing
- Improved view tools mode
- Optimized full screen display
- Symmetry & rotation for all views
- Configurable cursor labels

❖ **Analysis tools**

- TOFD calibration tools
- Data export M-skip© compatible
- Corrosion auto-sizing*
- Indication merge*
- Enhanced 3D view*

*Features available on Mantis, Gekko & Capture PRO.

Modifications of existing features

- Simplified 3-cursor management on Sscan views
- Possibility to change all cursor dimensions from any view
- Amplitude balancing usable in DLA/DMA
- List of wizards, apps, data files and libraries scrollable using the scroll wheel and mouse

Known issues

- Un-zoom applied when moving mechanical cursor in analysis
- Incorrectly evaluated max scan speed for 2-axis inspection

For any questions, remarks or support needs, please contact us at support-m2m@eddyfi.com

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