Eddyfi Technologies
Beyond current

Lyft® Software 2.4R16 Release Note

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PLEASE BE ADVISED:

Lyft Pro software is now offered under a subscription plan. Updating to Lyft 2.4 will require Lyft Pro to be synchronized with your Lyft GO software subscription for data readback compatibility.

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New Features and Improvements

- PermTool™ advanced analysis view to identify material property variations
  - More on the PermTool™ here
- Additional layouts with PermTool™ in Lyft PRO
- New graphical layout selection drop-down
- "Support Package" becomes "Get Assistance"
- New Amplitude C-scan (Normalized A-scan amplitude)
- Waiting dialog if there is a delay in starting acquisition for scan zone with existing data
- Discarded points are no longer considered when calibrating on existing area

Resolved issues

- Num-Alpha sample label inversion
- PEC Autoset window appearing when pressing start acquisition button
- Cursor moving when starting acquisition in scan zone with existing data
- Warning recommending larger probe when maximum recommended gain is reached in SmartPULSE™ now appears properly.
- A-scan voltage scale displaying 1e+01 instead of 10 volts
- Samples with over 110% WT with no color in Excel report wall loss C-scans
- Probe selection recommendation for cast Iron components under 6 mm

Known Issues, Limitations and Restrictions

- PECA-HR Probe is limited to Scab/Blister inspection
- Elbow inspections are not supported with array probes.
- We recommend using the patent-pending PEC-GS-089-G2 probe for applications on galvanized steel weather jackets. If you use standard second-generation probes on such jackets, add 40 mm (1.5 in) liftoff for every 0.5 mm (0.02 in) of galvanized steel.
- We recommend using grid mapping to inspect structures with galvanized steel weather jackets and/or metallic wire mesh in the insulation. Using the dynamic mode is limited because of the higher noise generated by the material configuration.
- Users can not start data acquisition in scan zones with a setup from a different major version.
- Cast iron inspections are only supported using PECA-6CH-MED, PEC-025-G2 and PEC-089-G2 probes.
- Weather jackets are not supported for cast iron inspections nor with PECA-HR probe.

Lyft System Requirements

- Lyft instrument with valid software subscription
- Lyft software 2.4 is compatible with:
  - PEC pulser/receiver board revision D or higher
  - PEC side plate board revision E or higher
- To enable pulsed eddy current array functionalities, electronic boards must be updated to:
  - PECA pulser/receiver board revision A
  - PECA side plate board revision D

Lyft Pro and SurfacePro 3D System Requirements

- Windows 8.1 and Windows 10 (32 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 for Lyft remote control (USB-to-network adapter also compatible)
- Display: 13 in or larger (recommended: 15 in)
- Minimum resolution: 1366 × 768 pixels
- For extensive analysis purposes, we recommend using an additional external monitor, 22 in or larger with a minimum resolution of 1920 × 1080 pixels.
- Ethernet port and ethernet cable to remotely operate Lyft