

Lyft® Software 2.0R4 Release Notes

System Requirements

- Lyft instrument with valid Lyft software and service plan (LSSP)
- Lyft software 2.0 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

- Supported operating systems: Windows® 7 SP1 and all necessary updates, Windows 8, Windows 8.1, and Windows 10 (32-bit 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 (USB-to-network adapter also acceptable)
- Display: 13" or larger (recommended: 15")
- Minimum resolution: 1366 × 768 pixels
- For extensive analysis purposes, we recommend using an additional external monitor, 22" or larger with a minimum resolution of 1920 × 1080 pixel.

New Features and Improvements

- Supports pulsed eddy current array (PECA) technology from setup to reporting (requires hardware upgrades, included with a valid LSSP)
- Edge smoothing functionality available in analysis ribbon
- Improved data loading time on stop acquisition button
- Additional keyboard shortcuts available in Lyft and Lyft Pro, detailed on **Preference System"** menu
- Information fields display values for the channel with the smallest remaining wall thickness during pulsed eddy current array acquisitions
- Scan direction can be modified without resetting the scan zone. Scan axis must remain the same

Modifications to Existing Features

- Recalibration of existing pulsed eddy current array data must be completed on zone at least 5x3 samples
- UPDATE SCAN ZONE button becomes SAVE CHANGES
- Only full-size sub-components are available in pulsed eddy current array scan zones
- Survey mode with PECA probe provides sizing and A-scan data on channel 3.
- In dynamic mode, the suggested resolution for screening is renamed **CWT Ready**. Resolution values remain the same
- Additional restrictions implemented to prevent deleting data in scan zones acquired with a previous major software version

Resolved Issues

- Second point missing when reversing direction during dynamic data acquisition mode

Known Issues, Limitations, and Restrictions

This release includes an upgrade of the operating system, which can **take up to 20 minutes**.

- Elbow inspection is not supported by the PECA probe
- 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 cannot start data acquisition in scan zones with a setup from different major version