ICON 5.3 RELEASE NOTES

Release date: March 23, 2026

Build version: 5.3.3

Cloud-based Licensing System

This software can now be activated through a cloud-based licensing system. Please contact your Eddyfi Technologies sales representative to learn how to access this latest version.

New Features

- Ultrasonic Testing (UT) & A-Scan Acquisition
  - Added support for UT-enabled vehicles and sensors
  - Introduced real-time A-Scan acquisition and visualization
  - Added A-Scan data capture and storage within projects
  - Added UT reporting capabilities, including:
    - Standard and audit report formats
    - Integration with recorded job data
  - Added UT measurement and analysis tools, including:
    - Floating gates
    - Dual crystal V-path compensation
    - Enhanced cursor-based measurements for signal interpretation
- Focus Mode
  - New mode to simplify the interface and allow users to focus on temporary or task-specific screen setups

Improvements

- Improved color pallet for control screen
- User Interface
  - Improved control screen color palette and overall visual clarity
  - General UI polishing and consistency improvements
  - Improved behavior when using display scaling
- Reporting & Data
  - Improved report data handling and synchronization with project data
- Workflow & Usability
  - Improved project and data handling workflows
  - Better handling of sensor initialization and system timing

Resolved Issues

- Resolved multiple application crash scenarios across startup, plugins, devices, and UI interactions
- Fixed report preview and export issues
- Corrected timestamp handling
- Improved metadata display and synchronization
- Resolved layout, control screen, and surface loading issues
- Fixed video recording duration and overlay rendering issues
- Corrected device control inconsistencies and encoder issues
- Miscellaneous bugs and UI improvements.

Known Issues, Limitations, Restrictions

- Unable to export excessively large projects. Work arounds available.

Recommended System Requirements

- Processor: 8th generation Intel® Core i5 or greater
- Operating systems
  - Edition: Windows™ 11
  - System type: Any
- Memory: 16 GB
- Graphics card: Any with Intel® Quick Sync and DirectX 11 support
- Disk space: 1 TB for visual inspection data
- Display
  - Screen size: 15' minimum
  - Resolution: 1920 x1080 minimum
  - Display scale: 100 % (Strict requirement)
- Administrator rights: Required for installation