

ICON V5.2 RELEASE NOTES

Release date: July 11, 2025

Build version: 5.2.1

Cloud-based Licensing System

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

New Features

- Added support for 4-track XY crawler.
- Added support for cameras to allow for video switching without the need for a video switch for some Eddyfi Robotic cameras.
- Added support for customizable reports.
- Added gestures on touch screens (IC100 & IC500) including camera zoom, swipe to switch surfaces, angular control.
- Added support for tracks that implement the actuator interface allowing control directives like drive forward X units and stop.
- Added discrete data logging in projects allowing multiple data sources to be logged at discrete points in time. Continuous data logging continues to be available. Feature required for UT NDT data recording that will be released in ICON 5.3.
- Added flyout feature for devices that required extended parameters. Feature implemented for video and camera control and will be used extensively for UT NDT parameters in ICON 5.3.
- Added 'Project' automation actions.

Improvements

- Added a Dynamic Indicator Gauge instrument tile.
- Added a visual video recording timer.
- Significant improvements to video export times when incorporating an overlay.
- Added duplicate surface functionality.
- Added duplicate tile functionality when editing control surfaces.
- Added API calls to support device control and sensor readings.
- Added user enforcement for simplified mode.
- Video export status queue is now scrollable.
- Improved functionality of onscreen joystick with touch screens.
- Added a pause video feature.
- Improved layout and control of the Job Data backstage viewer.
- Added notifications when plugins fail to start.
- Added visual distinction on the screens for a "Locked State".
- Allow camera zooming while system is in a "Locked State".

- Added the ability to disable and entire communication channel.

Resolved Issues

- Added Stop Automation routines on system startup.
- Manuals would disappear in the manual viewer.
- Radial slider not working with position control.
- User could not export an active job.
- Video froze when recording video when software was localized for some world areas.
- Fixed dynamic range issues on bar graph tiles.
- Switching data source in instrumentation tiles to an encoder kept the original units.
- Using handheld (Xbox) controller and the mouse simultaneously froze ICON.
- Could not activate a layout with ICON Companion licenses.
- Resetting communications to a system reset the video channel to default for Spectrum 45 cameras.
- 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™ 10, version 1903, build 10.0.1.18362 or newer
 - 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