

catoolRT 17.6 Release Notes

Changes since 17.3:

- Allow configurations to span multiple CompactDAQ modules with one task. This ensures channels are always synchronised.
- Enable support for calculated channels with DLL plugins. Contact support@xarin.com to find out how to develop custom channels yourself using compiled C code.
- Fix a crash when resetting DAQ configuration after a two-stroke engine was configured
- Default CAN signal type can be specified as 4-byte float or 2-byte fixed point.
- Support customer specified crank angle to volume. File should be a CSV file with column one as crank angle (-360 to +360 degrees for 4-stroke and -180 to +180 degrees for 2-stroke) and column two as volume in cubic centimetres.
- Recording progress displayed on task bar icon
- Improvements to recording
- Fix to TDC correction when first channel is not cylinder one on encoder measurements
- TDC determination shows loss angle standard deviation of current measurements
- Added option to calculate MFB angles with interpolation
- Add statistical results (min, max, sum, std dev) to cursor box legend
- Correction to calculation of 2-stroke interpolated clock TDC position.