

catoolRT 17.9 Release Notes

Changes since 17.6:

- Improvements to maximum TDC offset calculation
- Fix bug where "Differential" channel type could not be selected
- Analysis channels in data lists can include the channel name ("Format Datalist" -> "Show Channel Name")
- Fix lack of offset and SOC when the channel name was invalid, even for types that did not require a channel
- Fix two-stroke simulated engine data out-of-sync
- Fix two-stroke TDC offset 180 degrees out
- Fix issue if segment tooth on second rev fell on a missing tooth
- Modified message to make it clearer that you should select "National Instrument" hardware if attempting to run simulated interpolated acquisition
- Don't save engine database when "Exit without saving"
- Fix crashes in "Edit Engine"
- Fix issue if there are no analogue input channels but there are digital inputs
- Calculate load (LOAD) from trapped mass (T_MASS)
- Plugins supported when loading existing data
- Added support for Subaru 36-2-2-2 crankshaft pattern
 - o Configure as 36-2 acquisition
 - o Set "Acquisition" -> "Advanced Config" -> "Ignore Double Missing Tooth" to "True"
- Fix issue with later NI DAQmx drivers where USB devices not recognised when plugged in
- Warn one month before beta versions expire
- Do not allow analysis to be configured whilst DAQ in progress
- Exporting analysis only includes results and original CA data
- Enable "Edit" button in CAN configuration dialogue
- Improved TDC determination logic
 - o Uses up to 300 cycles for TDC determination