

RibEye™ Multi-Point Deflection Measurement System Software Release Notes – Version 8.0

Please refer to the RibEye Software User Manual Version 8.0 for detailed installation and operating instructions.

New Features

- Windows 11 is now supported. The RibEye software supports Windows 7 (SP2), Windows 10, and Windows 11. RibEye 8.0 is built using the latest NI CVI compiler and will install a new run-time engine.
- This program supports the Thorax geometry changes and new calibration files for the WorldSID 05 Rev E design that is currently under development by NHTSA.
- To support legacy crash data processing systems that expect an unfiltered channel to have an iso filter code of P instead of 0, there is a setting at the bottom of the RibEye_8_0.ini file in the install directory:

```
[LegacySoftwareFilterClassCode]
; use LegacySWUnfiltCode = 0 for standard unfiltered iso filter code = 0
; use LegacySWUnfiltCode = 1 for unfiltered iso filter code = P
LegacySWUnfiltCode = 1
```

The lines above are the only changes from the RibEye_7_0.ini, so if you have made a lot of changes from the defaults in the RibEye_7_0.ini file, you can make a copy of the 7_0.ini file, rename it to RibEye_8_0.ini, add the lines above to the bottom of the file, and save it in the 8.0 install directory.

- If a WorldSID calibration file is not found the error message will now display the calibration file name and location that the program is looking for.

Bugs Fixed

- ISO MME Date format changed from MM-DD-YYYY to YYYY-MM-DD in accordance with ISO 8601
Diadem Date format remains as MM.DD.YYYY
CSV Date format remains as MM-DD-YYYY
- When reading in an existing MME file the RibEye serial number in the channel files under the Transducer type line was being lost.
- In the alternative CSV data format the channel names for the calculated IRTracc and Length Change channels were incorrect; the direction codes were placed into the wrong positions in the channel names.

Installation Directory and Calibration Files

The default installation directory (which can be changed by the user) for the RibEye 8.0 software will be:

C:\Program Files(x86)\RibEye_8_0

You must copy the WorldSID RibEye Calibration file(s) to the new RibEye installation directory, C:\Program Files(x86)\RibEye_8_0

The calibration files can be copied from your older RibEye software installation directory, such as C:\Program Files(x86)\RibEye_7_0