

TDT Release 70 / 2.10

Released 7/13/09

New in Release 70

- **RPvdsEx/Drivers:** New features, components, and macros included!
 - **Feature:** Support for the RZ5 BioAmp Processor
 - **Components:** MCFromSer, MCToSer, and SortBin8
 - **Macros:** RZ5_AmpIn, RZ5_AmpIn_MC, and RZ5_Control

New in Release 2.10

- **OpenEx:** New settings in OpenWorkbench!
 - **Target bus loading** allows users to designate the percentage zBus capacity to be used for transferring data from the zBus to the PC for data storage. The remaining capacity is reserved for other tasks, including serving data to OpenController.
 - **Action on data overload:** allows users to specify the action taken whenever OpenWorkbench determines that the current data saving rate is overloading the system. These options include: Suspend Plotting, Suspend Saving, and Flush.
- **OpenSorter:** New features Tank Filtering and Pair-wise statistics!
 - Tank Filtering allows the user to include or exclude spike events based on timestamp, epochs, or artifact rejection. These filters may be customized to work together (such as selecting all data outside a particular time interval and within a specified voltage range). This flexibility allows the end user to further manipulate the data set before or after sorting the waveforms.
 - A cluster to cluster comparison allows statistics to be easily computed between each cluster pair.
- **OpenDeveloper:** New example provided!
 - A new TTankInterfaces example has been provided and can be found in the default location:
C:\TDT\OpenEx\Examples\TTankX_Example\Matlab\TTankInterfacesExample
This example demonstrates the TTankInterfaces GUI (ServerSelect, TankSelect, BlockSelect, and EventSelect) and how to integrate analysis code for a selected event.
- **SpikePac:** New power macro replaces WindowSort!
 - WindowSort has been replaced with a completely new power macro: BoxSort. This new control set offers manual sorting using time-voltage box pairs to classify potential units among candidate waveforms.

Note: This version no longer supports WindowSort

Important information

If you are upgrading to version 70 / 2.10 and are using SpikePac, please see tech note [0860](#).