

PRODUCT RELEASE NOTES

Product: Ponemah™ Physiology Platform

Model: Ponemah Client

Version: 6.60

Build: 20230416.1

Date: June, 2023

Product Release Notes for Ponemah Physiology Platform version 6.60 indicate revisions made to the Ponemah core application and analysis modules since version 6.51. For information regarding changes to the software from previous versions, please refer to the Release Notes folder located on install key or in the manuals and release notes section of the DSI support website.

Compatibility

Ponemah v6.60 is compatible with the 64-bit version Windows 10 version 1607 and later, as well as with Windows 11. It is also compatible with the 64-bit version of Microsoft Office 2007 or greater.

Notes:

- Microsoft .NET framework 5.0 is required and is part of the installation.
- Installation must occur from a Windows® Administrator account.
- Installing to the Program Files folder in Windows® is not supported.
- Windows 10 and 11 Home Edition is not supported. See [Compatibility Note](#) for details.

New Features

Reference #	Ponemah Version	Description	Disposition
51260	6.60	Added support for Noldus Media Recorder v6.0	Enhancement
51261	6.60	Replace log4net library with newer version for better security. See also this article in the US national vulnerability database.	Enhancement
51287	6.60	Updated Sentinel hardware security driver to v7.6.1	Enhancement
51289	6.60	Added support for DSI Link v3.3	Enhancement

Fixes

Reference #	Ponemah Version	Description	Disposition
51271	6.60	In some instances, the APR device that provides ambient pressure reference disconnects/reconnects in the middle of a scheduled acquisition. This could lead to a loss of the ambient pressure signal and seemingly missing blood pressure data.	Fix

Known Issues

Reference #	Description	Workaround	Module(s) Affected
21526	The Primary graph page will limit the zoom-in of all channels displayed on the page to a sample per pixel of slowest channel displayed on graph. E.g. Graphing an ECG waveform sampled at 1000 Hz on the same Primary graph page as a Temperature waveform sampled a 1 Hz, will limit the zoom to 1 sample per computer screen pixel, limiting the zoom on the ECG channel.	Removing the slowest channel on the graph page from the Setup Experiment Setup Graph Page Setup will allow you to zoom farther into the faster sampled channel of interest. E.g. Disabling the Temperature waveform from the Primary graph will allow you to zoom farther into the ECG waveform.	Review
22601	Changing PC clock while the Ponemah application is running will cause time synchronization issues upon collecting data from connected MX2s.	If an update to the PC clock is required, ensure Ponemah is closed prior to making the change.	Acquisition

Reference #	Description	Workaround	Module(s) Affected
22817	When importing data collected on a previous version of Ponemah (e.g. v5.20) into Ponemah v6.xx, the defined Parameter Precision settings will not be preserved during the import, resulting in the default Precisions values being used.	Parameter Precision settings will need to be updated manually after the data import.	Core
22756	When adding an Event within Review, there is an option to apply the Event to all Subjects loaded into Review using the "Apply to All Subjects" checkbox. Checking this checkbox currently does not work as expected and will result in the Event only being added to the selected Subject.	Events need to be added to each Subject individually within Review.	Review
23482	Changing the PC clock to a future time while acquiring data will cause Ponemah to become unresponsive.	After an update to the PC clock is required, ensure Ponemah is closed prior to making the change.	Acquisition
23383	When creating a new binding for an ECG template library, the default saving directory will be the last used Experiment directory instead of the currently loaded Experiment directory.	Prior to saving the template library file name, browse to the current Experiment directory.	ECG PRO
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Reference #	Description	Workaround	Module(s) Affected
23471	If data is collected at 1 Hz, the RAW Analysis module will display validation marks per sample within the waveform plot area. This will result in the waveform being unable to be seen upon initially launching the attribute window.	To more easily view the waveform through the validation marks, zoom into the waveform plot area using the Expand/Compress icons.	RAW Analysis Module
25980	Ponemah allows Bad Data Marks from one channel to be automatically merged across all channels within a Subject. The time it takes for Ponemah to perform the merge depends on the number of Subject and Channels loaded into Review, as well as the number of Bad Data Marks within the Review session. For large datasets that include many Bad Data Marks, performing a merge Bad Data Marks may put Ponemah into an Unresponsive State. It may take up to 30 minutes for Ponemah to recover from this state.	It is recommended to load each Subject individually if a Merge Bad Data Mark is required to be performed. Alternatively, loading less than 24 hours of data at a time will reduce the amount of time required for Ponemah to perform the merge.	Review
26039	Users have the option to export parameter data across the Experiment to perform additional analysis within Excel. The Export Data feature provides additional flexibility by allowing users to choose which data to export based on a Time Range. This Time Range will only apply to the Parameter data. The Experimental Log or Events information will be exported in their entirety.	N/A	Core

Reference #	Description	Workaround	Module(s) Affected
29133	When canceling from the Save Marks progress dialog, it can take a long time for the application to respond. It will appear that the application has stopped working. Despite the Saving Marks being canceled, the Derived Results will continue to be saved.	N/A	Review
31852	The Standard Deviations of the Derived Parameters will not be saved to the Results database, even if enabled within the Channel Details pages.	Perform a Save Mark Section from within Review will output the Standard Deviations to Excel for the data loaded during the Save.	Review
32322	Freeform Notes added while within Review will only be associated with the first Subject's .PnmMarks database file when saved, regardless to which Subject/Channel they were added. This is important transferring data files and requiring to see the Freeform Note within the new file location.	Ensure the .PnmMarks database file is also transferred with any other Subject data, should the Freeform Notes be required to be seen.	Review
35410	Users are unable to cancel the Analysis from progressing upon executing Attribute-based analysis.	N/A	Review
35494	Acquisition Graphs, and the data they comprise, will display different timestamps than the Computer time when Automatically adjust the clock for Daylight Savings Time is disabled.	Ensure the Automatically adjust the clock for Daylight Savings Time is enabled.	Acquisition
35569	Adding Glucose calibrations within the calibration dialog will display and apply the incorrect time if Automatically adjust the clock for Daylight Savings Time is disabled.	Ensure the Automatically adjust the clock for Daylight Savings Time is enabled.	Review

Reference #	Description	Workaround	Module(s) Affected
35677	Ponemah does not prevent users from changing the sampling method of a Subject between Continuous to Scheduled during an acquisition.	Stop Acquisition prior to changing a Subject's sampling method.	Acquisition
35716	When loading an Experiment from a previous version of Ponemah (6.00 through 6.12), users will be unable to start an Acquisition if the Experiment upgrading process is canceled.	Select Experiment Save Experiment As... to copy the Experiment settings to a new Experiment that can then be Acquired from.	Core
36063	Saving updated derived data during a Review while acquiring (RWA) session can result in duplicate entries if the update occurs soon after the RWA session was started.	This has been improved in 6.30 to ensure that updates after 30 seconds of starting a RWA instance will not create duplicate entries. Duplicate entries can be corrected by resaving results in Review.	Review
39428	When in the PhysioTel / HD (MX2) or PhysioTel Digital (CLC) diagnostic pages, you may be prompted for a user name and password.	Log in using the following credentials: User name: Diag Password: <i>(leave blank)</i>	Diagnostics