

PRODUCT RELEASE NOTES

Product: Ponemah™ Physiology Platform

Model: Ponemah Client

Version: 5.63

Build: 30120.1

Date: January, 2025

Product Release Notes for Ponemah Physiology Platform version 5.63 indicate revisions made to the Ponemah core client application, analysis modules, and add-on modules since version 5.50. 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 v5.63 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 4.7.2 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, enhancements, and fixes

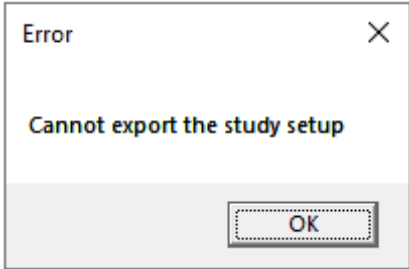
Reference #	Release Version	Description	Disposition
71160	5.63	Resolved an issue where multiple failed login attempts with an incorrect password, followed by a successful login with the correct password, caused all subsequent actions to be incorrectly attributed to the LSS_P3_Administrator account in the Application and Experimental logs, rather than to the authenticated P3 user.	Fix

Reference #	Release Version	Description	Disposition
71050	5.63	Resolved an issue where viewing the Study Logs as a Ponemah User caused an error and led to inaccurate information being displayed on the Data Log tab.	Fix
70973	5.63	Resolved an issue where the Ponemah Installer would shut down unexpectedly during installation on Windows 11 machines.	Fix
70827	5.63	Resolved an issue where the APR was not recognized or available in the Channel Input Setup when 32 groups were configured.	Fix
70784	5.63	Resolved an issue in the Study Log where data synchronized from PC2 to PC1 was recorded with the sync time instead of the original time and date of the actions on PC2.	Fix
69307	5.63	Resolved an issue in Tox Study file naming where the incorrect Subject ID and Workup were referenced. This was limited to the file name, with all Study data and SEND outputs remaining accurate.	Fix
68922	5.62	Fixed the Application Log from displaying a blank UserID when shutting down the Ponemah application.	Fix
68808	5.62	Fixed a discrepancy where log times do not match up between Acquisition's Experimental Log and the Ponemah Study Data Log. The exported Study Data Log now lists local time instead of UTC time. The times were also corrected to adjust for day light savings.	Fix
68632	5.62	Fixed an issue where the Ponemah Study Data Log would be cleared upon entering any of the Hardware dialogs from the Run Study dialog. Note: only data logged since the Ponemah application was opened would be cleared.	Fix
68605	5.62	Fixed a discrepancy in the displayed username listed in the Ponemah Study Data Log upon separate users logging into the system and would persist to the Log tab when the Data Log was exported to Excel.	Fix

Reference #	Release Version	Description	Disposition
61070	5.61	Fixed a bug that would cause an error when attempting to stop an acquisition and entering the wrong password. Provided the acquisition was started using the Acquisition - Start Acquisition option.	Fix
60920	5.61	The icons for Notification and Video On\Off are now correctly displayed after startup.	Fix
60120	5.61	Removed the obsolete and faulty Study Automation option "MultipleSubjectPerAcquisitionProtocolParser" from the Study option.	Fix
60115	5.61	Fixed a typo in the "New Study" dialog. This has no impact on any functionality.	Fix
59763	5.61	Fixed a bug that could cause changes to the existing hardware configuration, using the "Hardware" button in the Run Study dialog (Edit Configuration option), not to be saved.	Fix
59672	5.61	Updated DSI Link for Ponemah to version 3.3.	Enhancement
59669	5.61	Updated Apache log4net™ library to version 2.0.15 for improved security.	Enhancement
59629	5.61	Added Panlab SEDACOM driver version 1.0.0.0 to Ponemah install image.	New
59611	5.61	Support for Noldus Media Recorder version 6.0.	New
59426	5.61	Integrated new Measurement Computing InstaCal drivers to ensure compatibility with MS Windows 11.	Enhancement
59388	5.61	Fixed an issue that could cause values for Custom Derived Parameters in the list view not to update when making changes to the analysis template used. Changing the logging rate would cause the CDP values to update.	Fix
59130	5.61	Corrected a faulty behavior when restoring a study backup file with certain delimiter characters in start and end time in data reduction data.	Fix
58691	5.61	Added the ability to manually create a XML meta tag data file for video files so that recordings can always be played in Ponemah and NeuroScore.	New

Reference #	Release Version	Description	Disposition
58668	5.61	Corrected an issue that would wrongly cause the version number to be displayed as 5.5 in the version information in the Help – View License dialog.	Fix
57515	5.61	Support for installing and running Ponemah in a virtual environment. VMware running MS Windows 11. Data acquisition functionality is not supported in a virtual environment because no data can be acquired without physical connection to an acquisition device.	New
55997, 48408	5.61	Remedied an issue that would cause the remaining battery life of a DSI implantable device not being displayed in the Implant Status dialog.	Fix

Known Issues

Reference #	Description
48407	<p>When attempting to export a Study setup or print LOGs, an Error message may be displayed indicating that the function cannot be executed. For example,</p>  <p>To correct this issue, navigate to C:\Ponemah\Utilities\ and run the AccessDatabaseEngine_x64.exe.</p>
48408	When using PhysioTel Digital or MX2 configuration with HD implants, the Battery Voltage channel must be enabled for Battery Days Remaining (Digital)/Battery Time ON (HD) to display properly in Derived Parameter List Views and Implant Status dialogs.
49264	The RVW file name in the report header now updates correctly when choosing the “Save Review Protocol As” option and entering a different file name.

Reference #	Description
50581, 50582	<p>Data collected from the APR is invalid, resulting in incomplete data in the derivation tables.</p> <p>Enable an axis in the graph page for the APR signal and ensure valid APR data is being collected. If not, check hardware configuration and restart the application and/or acquisition.</p> <p>For data previously collected, disable the APR channel prior to loading the channels in Review to allow the pressure channels to load and data in the derivation tables to complete calculations. Review your data and determine if manual correction of your pressure data is needed. If so, contact DSI to see what options exist.</p>
50823	<p>While in Review, performing a "Save Parsed Derived Data" (from the Data Parser pull-down menu) may result in incorrect data saved for Custom Derived Parameters in the Excel Output.</p> <p>If using the function "Save Parsed Derived Data", enable "Parser View Mode" from the Data Parser pull-down menu.</p>
50571, 50822	<p>Amplitudes of acquired signals can display unrealistic ranges when channels are not disabled in the following way:</p> <ol style="list-style-type: none"> 1. Navigate to the P3 setup menu 2. Click on the "Channel Input Setup" 3. Select the channel(s) to disable and set the Analysis mode to DIS <p>Do not attempt to disable channels in the hardware configuration dialog.</p> <p>The issue can also occur when reusing an existing protocol. Use a blank protocol (no channels configured) when channels need to be added, reordered and more implants need to be configured.</p>