P/N 015636-002 Rev. 01

PRODUCT RELEASE NOTES

DSI™
a division of
Harvard Bioscience, Inc.

Product: Ponemah™ Physiology Platform

Model: Ponemah Client
Version: 5.72
Build: 40727.2
Date: August 2026

Product Release Notes for Ponemah Physiology Platform Client version 5.72 indicate revisions made to the Ponemah core client application, analysis modules, and add-on modules since version 5.61. Ponemah v5.70 **does not include** changes from Ponemah version 5.8x. For information regarding changes to the software from previous versions, please refer to the Release Notes folder located on the install key.

Note: Original release date of v5.70 was July 2024. In October 2024 the Ponemah v5.70 installer was updated to resolve an issue where it would shut down unexpectedly during installation on Windows 11 machines (Reference #70905). No changes to the Ponemah Client application were made.

Compatibility

Ponemah v5.72 is compatible with the 64-bit version Windows 10 version 1607 and later, as well as Windows 11. It is also compatible with the 64-bit version of Microsoft Office 2007 or greater.

Note:

- Microsoft .NET framework 4.7.2 is required and is part of the installation.
- Installation must occur from a Windows® Administrator account.
- Installation into the Program Files folder in Windows® is not supported.
- Windows 10 and 11 Home Edition are not supported. See Compatibility Note for details.

New features, enhancements, and fixes

Ponemah Core

Reference #	Release Version	Description	Disposition
80548	5.72	Fixed an issue where Data Translation user calibrations were not retained when saving a Protocol (.PRO) file.	Fix
77404	5.71	Added the ability for Remote Connection to send specific events (a – j) to all Subjects or to specific Subjects.	Enhancement
65131	5.70	Added ability to configure hardware and acquire from DSI's new SoHo Telemetry Platform's SoHo-X00N temperature device.	New
61184	5.70	Added link to DSI Support Center under **Help | Knowledge Base** to launch Support Center webpage for quick, easy access to help.	Enhancement
61350	5.70	Added the ability for users to select the width of the trace used to draw graph signals to enable easier view from a distance. Width range is 1 to 5 pixels, with default set to 1 pixel. The Trace Width setting cannot be changed once in Acquisition mode and is only available in Acquisition, not in Review.	Enhancement
61351	5.70	Added automated Digital Display setup and configuration when Temperature only implants are being used. For each implant, Temperature is assigned to a Display and is updated per logging period.	Enhancement
61352	5.70	Disabled the display of Analysis Module validation marks upon Acquisition start.	Enhancement

Reference #	Release Version	Description	Disposition
61354, 64079	5.70	Added ability to arranges Graph pages by Subject input signals, by Signal types, and Unmanaged. These additions have also been made to the **Graph Defaults** dialog **of P3 Setup** to permit users great control over the Autoconfiguration process when graphing input signal channels. The following features have been added: • **Arrange By Subject*** Enabled (the default) allows each Subject to be in its own Graph page if possible. There are 8 graph pages and if there are 8 subjects being acquired, then each Subject would be in its own graph page. If there are more than 8 Subjects, then the application splits multiple subjects across pages in a logical fashion. • **Arrange By Signal*** This groups all devices signal types to be on a graph page together. For example, if there are 4 devices and the devices have BP, Temp and Activity, all BP signals will be plotted and then all Temp signals will be followed by all Activity signals. • **Unmanaged*** This allows Autoconfigure to graph each device's signal on a graph page and only move to the next graph page when all traces on the graph page have been used. • **Default Primary Time** This is the time in seconds that Autoconfigure will use for a Primary graph. The default is 10 seconds. Graph Defaults now include the new Analysis types added (see Analysis section below) in this version but are Disabled by default. *Settings not available for JET acquisition.	Enhancement
61530	5.70	Added the ability to display Primary Graph page fonts as **Enhanced** to permit improved visibility. The Enhanced Font can be enabled from the Graph Setup dialog and will change the font size from 8 standard font to size 10 bold. Once set, Enhanced font setting cannot be changed during Acquisition Mode. It may be used in both Acquisition and Review.	Enhancement

Reference #	Release Version	Description	Disposition
61533	5.70	Added the ability for Autoconfiguration to set the **Acquisition Logging Rate**. A new setting, **AutoConfig.LoggingRate,** was also added to the **Application Configuration | Advanced** table permitting user-defined logging rate to be defined for use by the Autoconfiguration feature. The default value is 60 seconds.	Enhancement
61861	5.70	Fixed an issue when double-clicking on a **Primary Graph** during an Acquisition, the Axis time displayed is not equal to that being used by the graph.	Fix
61897	5.70	Added the ability to assign the same color to all signal types for the selected Subject from the **Application Configuration | Subject Color Defaults**. By default, Autoconfigure will use the **Graph Defaults Color** for the type of signal being acquired. Enabling **Use Subject Colors** will assign the same color to all signal types for the selected Subject when using the Autoconfiguration feature.	New
61902	5.70	A new field has been added to the **Groups** tab to support **Cage** identification and help with SoHo telemetry group housing to locate Subjects. The Cage field allows alphanumeric characters and is entered into the Audit Log. The **Cage** identification is also displayed during acquisition, along with any color designated in the Hardware Configuration **SoHub Details** page, in the **Implant Status** window.	New
61935	5.70	Updated the Autoconfiguration feature to disable input channels whose Analysis module is defined to RAW from being graphed as part of a Primary Graph. This setting can be redefined in **Advanced Configuration | Graph Defaults**.	Enhancement
62020	5.70	Fixed an issue where the enabled checkbox for **Use Study Subject / Sex** and **Use Study Dose** in the **P3 Setup | Groups** window would persistent after changing from a secured to unsecured system. This resulted in the user's inability to enter Subject, Sex, or Dose information in this **Groups** window.	Fix
63760	5.70	Added computer name to the exported output from **Options | Application Logs**. Computer name will be appended to the Excel Output Sheet (tab) name.	Fix

Reference #	Release Version	Description	Disposition
64667	5.70	Updated default Data Reduction setting selections to help streamline setup. The following updates have been made: • **Time Reference** is defined to **End** • **Control** checkbox is **Disabled** • **Type** is defined to **Parser Segment** • **Auto Label** is **Enabled** • **Calculation** updated such that **Ave** is **Enabled** and **Line** is **Disabled**	Enhancement
65203	5.70	Removed display of DSI Technical Support phone number.	NA
65542	5.70	Corrected the Noldus Video Application path Ponemah uses to launch Media Recorder (MR) by updating the path to correctly point to MR6.	Fix

Review

Reference #	Release Version	Description	Disposition
64101	5.70	Added a new feature to permit **Peak-Peak** measurements, i.e. y-axis value deltas between two reference points, from **Primary** and **Trend** Graphs while in Review. *Note*: This feature is disabled by default and needs to be enabled in the **Application Configuration | Advanced dialog**.	Enhancement

Analysis Modules

Reference #	Release Version	Description	Disposition
80755	5.72	Fixed an intermittent issue where acquiring data with the PCR analysis module would result in Ponemah unexpectedly shutting down.	Fix

<table>
<tr><th>Reference #</th><th>Release Version</th><th>Description</th><th>Disposition</th></tr>
<tr><td>61973
61974
61975
62234</td><td>5.70</td><td>The following types have been added to help better identify signal types that are acquired. All these analysis types are based off Raw Electrical Mean (RAW).

The new types of analysis are used with Autoconfigure of the telemetry devices. All the new analysis types are Disabled by default and would need to be enabled in the Graph Defaults dialog to be used by the Autoconfigure feature.

The defaults for the analysis are:

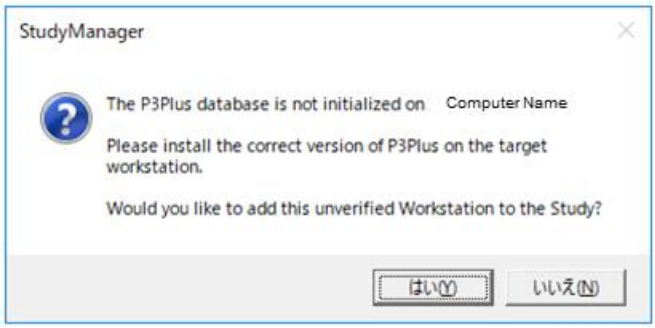
• Trigger Direction – Disabled
• Derived Parameter enabled – x_NPRM

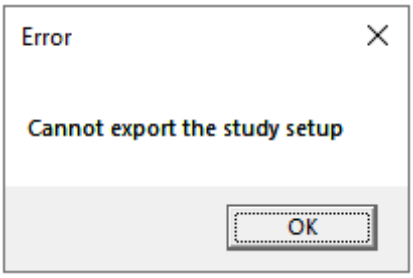
<table>
<tr><th>Abbreviation</th><th>Full Name</th><th>Description</th><th>Units</th></tr>
<tr><td>ACCEL
(62234)</td><td>Accelerometer</td><td>This analysis is used for the individual Accelerometer signals; X, Y and Z. These are the signals that are used in the generation of Activity.</td><td>g</td></tr>
<tr><td>BATTD
(61975)</td><td>Battey Days</td><td>This is used for Battery Days Remaining.</td><td>D</td></tr>
<tr><td>BATTP
(61975)</td><td>Battery Percentage</td><td>Battery Life Remaining as a Percentage of maximum</td><td>%</td></tr>
<tr><td>BATTV
(61974)</td><td>Battery Voltage</td><td>This is the Battery Voltage that the implant is at.</td><td>V</td></tr>
<tr><td>RSSI
(61973)</td><td>Signal Strength</td><td>This is used for the DlRssi (download) and UlRssi (upload) signals to record the signal strength in dB.</td><td>dB</td></tr>
</table>
</td><td>New</td></tr>
</table>

Data Security Option (DSO)

Reference #	Release Version	Description	Disposition
61991	5.70	Updated the default LSS_P3_Administrator password. Increased the LSS_P3_Administrator account password character limit to 127 characters and the Admin name character limit to 80 characters.	Enhancement
66036	5.70	Fix added to the **Move** feature of Data Manager to no longer only **Copy** the .SIG file to the destination folder of its associated .RAW file. Now, the .SIG file will Move as intended with its associated .RAW file to the destination folder.	Fix

Known Issues

Reference #	Description
45933	When using Japanese Language Pack with Windows 10 Operating System, the following error may be displayed when attempting to add a Workstation to Study:  This is caused by special characters being used in the data path name. The recommended workaround is to change the Windows display language to English.
46259	When trying to concatenate multiple RAW files created by achieving RAW file limit to cause file incrementation, data break lines may be seen at the rollover point. Additionally, a time overlap error may be displayed.

Reference #	Description
48407	When attempting to export a Study setup or print LOGs, an Error message may be displayed indicating that the function cannot be executed. E.g.  To correct this issue, navigate to C:\Ponemah\Utilities\ and run the AccessDatabaseEngine_x64.exe.
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.
50581, 50582	Data collected from the APR is invalid, resulting in incomplete data in the derivation tables. 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. 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.
50823	While in Review, performing a "Save Parsed Derived Data" (from the Data Parser pulldown menu) may result in incorrect data saved for Custom Derived Parameters in the Excel Output. If using the function "Save Parsed Derived Data", enable "Parser View Mode" from the Data Parser pull-down menu.