



Ponemah™ v5.5x

Confidently collect sensor data. Accelerate your results.
Make better decisions. All within a regulated environment.

Versatile Data Collection

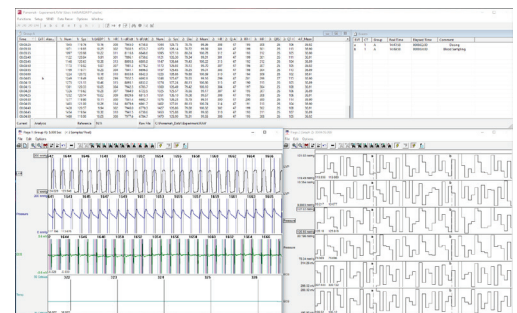
Our robust acquisition engine is designed to support the versatility required by GLP labs. Collect from your instrumentation using a universal platform, including:

- PhysioTel® implantable telemetry for safety pharmacology or toxicology
- 12-lead snapshot ECG for toxicology
- Chambers for respiratory safety pharmacology
- Jacketed External Telemetry for combined safety pharmacology and toxicology

Accurate, Flexible Data Analysis

Obtain accurate, consistent results using Ponemah automated analysis trusted by researchers worldwide to discover new insights for their research applications.

- Adjust algorithm settings to optimize signal analysis from various species and unique morphologies, or to eliminate signal noise from results
- Use our built-in visualization tools to explore data and gain complete confidence in your results



Collect, analyze, and summarize your preclinical study data

Smart, Powerful Tools

Every study is unique. Ponemah can be tailored to your study-specific needs to effectively refine and present your results.

- Execute automated, customizable searches to locate patterns and anomalies in your data for targeted adjudication using Data Insights.
- Receive automated email or text alerts for subject and system-level conditions using Remote Notification.
- Automatically trigger events based on physiologic parameters by outputting your Ponemah derived data directly to your other laboratory tools and systems using Remote Connection.
- Convert your data into a SEND-compliant format using the Ponemah SEND module.

Advanced GLP Compliance

Achieve full GLP and 21 CFR Part 11 compliance using the Study Protocol and Data Security options designed specifically for researchers working in a GLP environment.

- Secure system and user level access control
- Automatic creation of electronic signatures for 21 CFR part 11 compliance
- Comprehensive audit logs and file verification for complete traceability
- Structured and transparent data handling using the Study Option



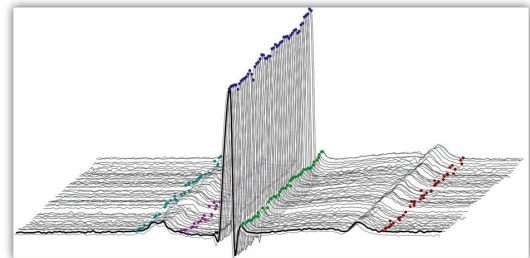
Ponemah v5.5x New Features

Waterfall Plots

Having difficulty determining whether changes in data output is real or just simply mismarked? Now you can easily confirm treatment-induced waveform morphology changes using waterfall plots to generate 3D visualizations waveform cycles displayed simultaneous over time.

Create waterfall plots using:

- Individual cycles
- Averaged cycles using Ponemah logging rate to average by time or number of cycles
- Parser segments to compare selected data segments from treatment



ECG Waterfall Plot

Need to compare different segments of data? Add bookmarks to quickly synchronize back to an area of interest from anywhere in the recording with the originally saved layout. Use your waterfall plot visualizations to effectively communicate your findings in posters and presentations.

Virtual Licensing

Never forget your USB dongle again! Ponemah no longer requires a USB dongle to run. Simply enter your key code and let Ponemah do the rest.

Sample Rate Versatility

Stop the data bloat! Ponemah now supports more than two sample rates so you don't get stuck over-sampling temperature data at 50 Hz. Choose sample rates that makes the most sense for your study without wasting hard drive space.

Improved Protocol Auto-Configuration

Still need to update settings to start an acquisition, even after using Auto Configure Protocol to setup Ponemah? Now, define your own Auto Configure Protocol default values to quickly get up and running.

Define your own:

- Analysis attributes by species and acquisition interface
- Enabled derived parameters by species
- Graph low/high units and trace color
- Species by implant model

EDF Export

Export your Ponemah waveform data to EDF format. Ponemah data is now more compatible with complementary third party analysis tools for flexibility to analyze your data in ways that work best for you.

Noldus Media Recorder 5.0

Now supporting the latest version of Noldus MediaRecorder for synchronized physiologic and video data acquisition.