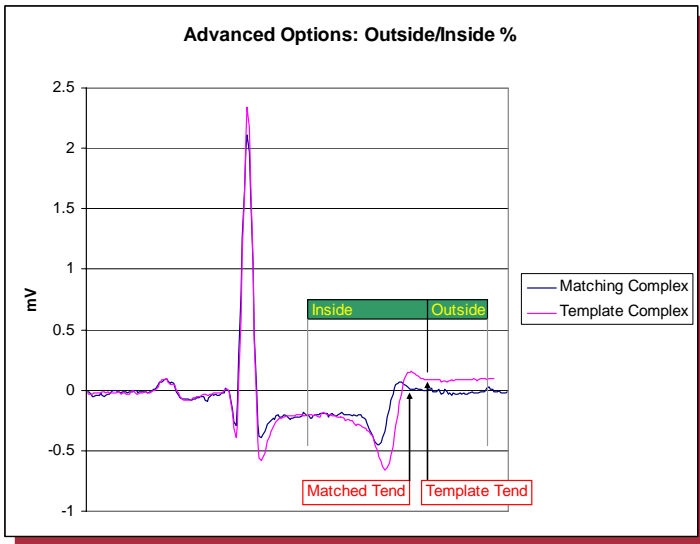


ECG PRO Offers Efficient Matching with Unsurpassed Precision.

Data Sciences International (DSI) is pleased to offer ECG PRO (Pattern Recognition Option). This Ponemah Analysis Module option is a fully integrated solution that provides researchers with additional flexibility for analyzing ECG signals.

Ponemah's Standard ECG Analysis software allows the user to analyze data in real-time or re-analyze portions or all of the data post, as well as manually add or move interval marks.



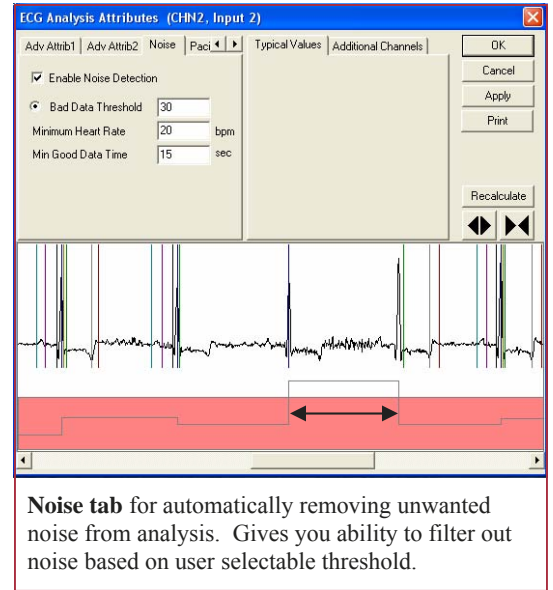
Advanced matched region.

Why is ECG PRO the Best Choice?

With ECG PRO, researchers have even more ECG analysis options. **Greatly reduce processing time** via Ponemah ECG PRO template-based analysis as it allows the selection of a template cardiac cycle which is used for precise comparison to other cycles in the dataset.

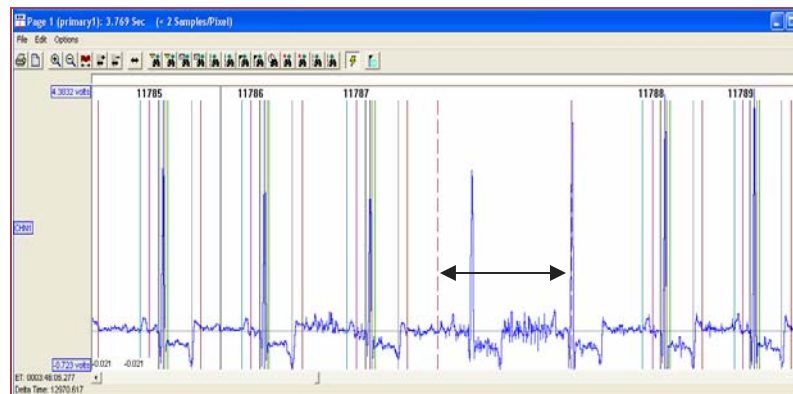
DSI | Ponemah offers a fully integrated solution from hardware to reporting. Others offer software but ECG PRO is designed to work tightly with a comprehensive set of software and hardware which includes telemetry and hard-wired sensors. Other reasons to choose ECG PRO include:

- With ECG PRO, researchers can take advantage of the **speed and flexibility** of analyzing regions of an ECG complex individually or in combination with other regions.



Noise tab for automatically removing unwanted noise from analysis. Gives you ability to filter out noise based on user selectable threshold.

- **Save time** because ECG PRO users have the ability to reanalyze only those cycles that did not match the previous round of analysis. Competing software requires the user to reanalyze the entire data set when they add a new template.
- The ECG PRO feature is complemented by a **Noise Detection** enhancement to the standard ECG analysis. The Noise Detection feature provides a user defined threshold for the determination of "Bad" or "Noisy" data.



This is the **primary graph screen** showing the same data captured in the Noise tab graph screen above. The 1st red dotted line is the start bad data mark. There is a second red dotted line which is the end bad data mark. The area between these two bad data marks is the data that was identified as noise.

