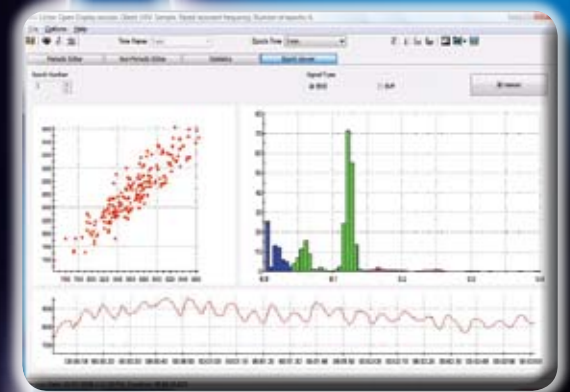




HRV Analysis Module

**CONNECTING
HEART & HEALTH™**



CARDIOPRO INFINITI FEATURES

- **NO EXPORTING REQUIRED:** Cardiopro Infiniti installs over BioGraph Infiniti Version 5.1 (or later) and accesses BioGraph client files directly.
- **WORKS IN CONJUNCTION WITH YOUR EXISTING FEEDBACK SUITES:** The module can process open display and script sessions that were recorded with channel sets, screens or scripts from most suites, as long as they include EKG or BVP sensor data.
- **WORKS WITH EXPORTED IBI DATA FROM OTHER SOFTWARE:** The Cardiopro Infiniti module also performs basic editing functions on IBI data that was exported from other software packages as standard text files.
- **FOLLOWS PUBLISHED STANDARDS:** The module calculates most standard HRV metrics as recommended by the guidelines published by the Task Force of The European Society of Cardiology and The North American Society of Pacing and Electrophysiology.
- **PRODUCES A THOROUGH STATISTICAL ANALYSIS:** The statistical analyses include HRV metrics such as SDNN, SDANN, NN50, pNN50 (50 ms is the default value but the time period is user defined), RMSSD as well as the absolute or relative power for the VLF, LF and HF components of the HRV spectrum (absolute power in power spectrum or normalized units).
- **COMES WITH THOROUGH DOCUMENTATION:** As with all Thought Technology software products, the Cardiopro HRV Analysis module includes a detailed user manual (PDF).



EKG RECEIVER

The EKG Receiver is a new sensor designed by Thought Technology. It detects the heart rate of a user from the Polar™ transmitter belt that the user wears around the chest.

Polar™ transmitter belt is not provided by Thought Technology and must be purchased separately. It can be easily purchased at major department stores, sports specialty stores, and on-line.

BENEFITS:

- Wireless transmission from the transmitter to the EKG receiver, thus no electrodes are needed.
- Heart beat signal is less prone to movement or EMG artifacts, and is very stable, so you have freedom of movement.
- Polar™ transmitter belts are slim and light, easy to position on the chest, fully water resistant, and are designed for all weather conditions.

SUPPORTED ENCODERS:

FlexComp Infiniti, ProComp Infiniti, ProComp5 and ProComp2.



Thought Technology Ltd.

Tel: 1-800-361-3651 • 514-489-8251 Fax: 514-489-8255
<http://www.thoughttechnology.com>

