**BFE**

STERMAN'S OPERANT CONDITIONING SUITE
## MAURICE B. STERMAN, PH.D.

Limited Edition Software Suite

Dr. Barry Sterman, one of the modern-day fathers of neurofeedback training, shares his style of operant conditioning neurofeedback through this BFE suite. Dr. Sterman has worked in close collaboration with a team of software developers to ensure his method is implemented to the greatest possible accuracy using the equipment. The suite include:

- Five sets of neurofeedback training protocols for training a variety of brain sites and conditions. Each protocol set has a 10 or 18-minutes duration. Protocols operate in a format of one baseline, followed by 4 training trials, and ending with a post-baseline

- Feedback not seen in any other BFE Suite, in terms of immediate moment-to-moment feedback, primary reward and secondary reward.

- Superior statistical accuracy and data analysis make this program a unique system for tracking post-reinforcement synchronization (PRS) signals, as markers of learning. This includes an automated excel report.

- Between one and four EEG sensors/channels can be used with the training protocol.

- Suite documents — which includes a software manual for making use of the suite.
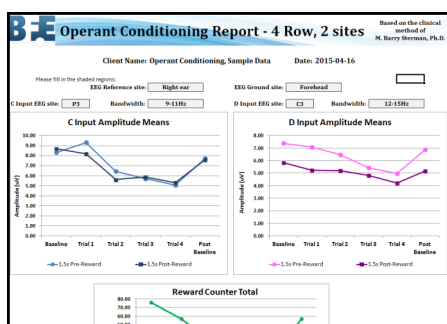
All suite purchasers can expect to receive updates for this software suite, as Dr Sterman continues to work with BFE software developers to expand on the current material.
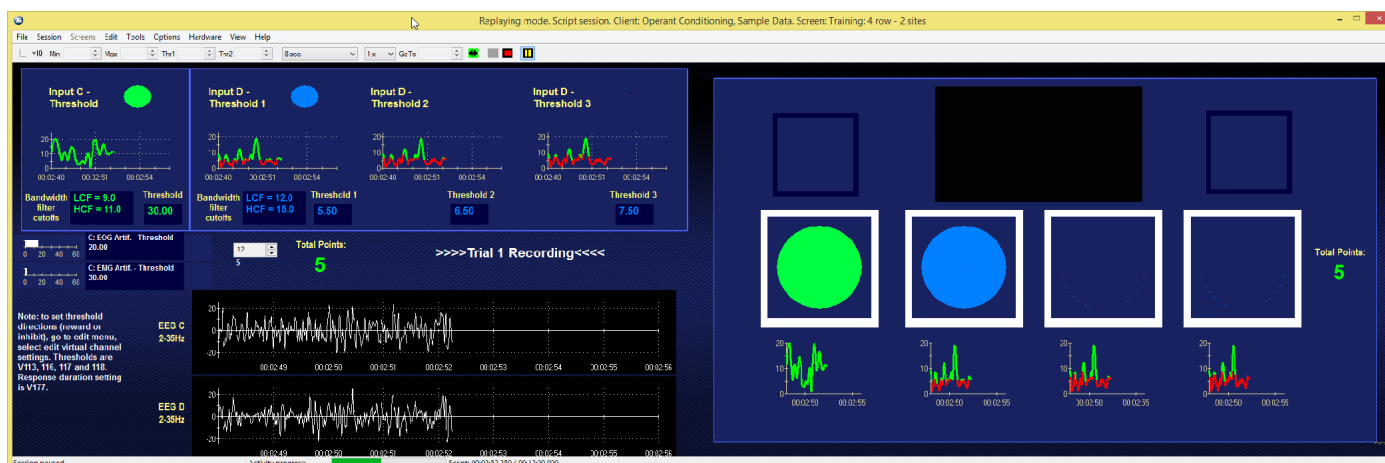
Education & Training Opportunities

The BFE offers a number of online learning opportunities designed to help participants make the most of the software, as well as to expand their clinical knowledge.

With regards to the *Sterman Operant Conditioning* suite, the BFE will soon be offering a 6-hour online class (split into four 1.5-hour lessons). During this class, participants learn how to use the software from beginning to end.

For more Information or Questions:

shop@bfe.org

To purchase the suite and/or education & training, go to the BFE Shop:

www.bfe.org/buy

Hardware and Software Requirements:

BioGraph Infiniti Software

BioGraph Infiniti Software is the core of all current and future Thought Technology biofeedback and psychophysiology products. It provides a multimedia rich graphical experience, while capturing and analyzing raw data. It includes all the features and functions required to run our specialized Sterman's Operant Conditioning Suite and offers the ability to customize your own screens using the Developer Tool. The suite functions with **BioGraph Infiniti version 6.0,** and is designed to provide full compatibility with the latest Windows 8 operating system.

Choose the Encoder to Meet Your Needs

Currently only one encoder may be used to run the software:

- **ProComp Infiniti encoder** is the eight-channel, multi-modality encoder that has all the power and flexibility you need for real-time, computerized biofeedback and data acquisition in any clinical setting. We only ever use two sensors with this suite.

Select Sensor Measurements for Collecting Data

This list consists of the all sensors necessary for running the suite.

- **EEG-Z sensors (x4)** are pre-amplified electroencephalograph sensor with built in impedance checking, for measuring brainwaves.
- **EEG monopolar/bipolar kit with DIN cable (x4)** is also necessary to use this sensor.
- **2 or 4-Channel electrode connectivity kit** for a linked the ground and refence electrodes together.

This suite may be used with between 1 and 4 EEG channels, so if the user only owns two EEG sensors then they will only use aspects of the software that training one or two channels of EEG. For full use, 4 EEG sensors are required.

Additional Computer Setup Information

The software suite requires for a dual-monitor setup for training clients.

Microsoft Excel Report is also necessary for use of the specialized excel report, however this is not necessary for use of the whole software program.