



Neuralynx

advanced electrophysiology solutions

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Cheetah Software

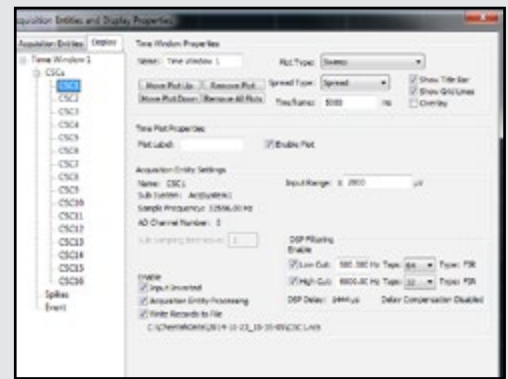
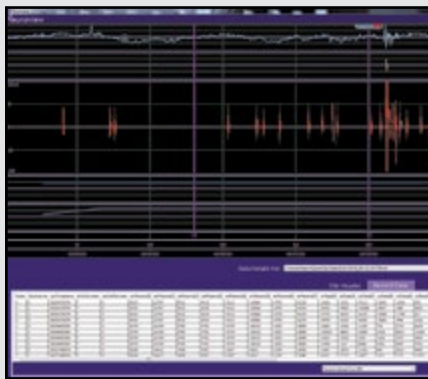
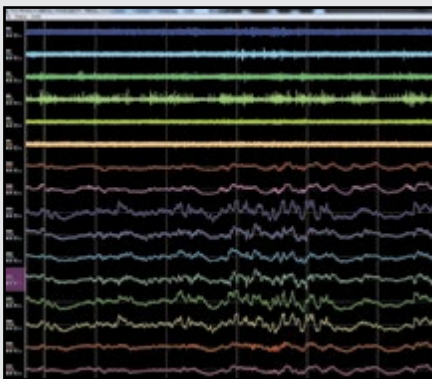
high performance electrophysiology recording & experiment control with real-time distributed data analysis for up to 512 channels

- Auto thresholding for spike channels
- Signal processing: LFP, EMG & spikes, filtering & noise reduction
- Online reference selection
- CSC sub-sampling signal processing to reduce noise
- Single electrode, stereotrode & tetrode spike acquisition
- Channel cloning – process microwire inputs as spike & EEG channels
- Efficient CPU usage to process large number of channels
- 64 bit Windows® 10
- Audio monitoring of input signals
- High performance displays for spikes & EEG
- Integrated video tracking supports many modes, including multiple “targets” for position, navigation, head direction & grid cell studies
- Online FFT plots improve signal evaluation
- Unfiltered, raw data file records – full 24 bit resolution
- Improved file playback functions



Direct Wireless Acquisition

- **FreeLynx™** - digital telemetry 32 to 256 configurable channels
- **LabLynx™** - portable, low-cost 256 channel acquisition system



Ease of Use

- Pre-defined configuration files for easy start-up
- Modifiable configuration files to meet specific needs
- User-friendly interfaces
- Multi-threaded for full use of computer resources
- Free access to extensive library of software utilities & development packages, including NetCom, Snap Sorter & MATLAB®

NetCom Library

Supports distributed data analysis & experiment control, enabling users to focus on custom programs for their experiments – without concern for data acquisition engineering details!

