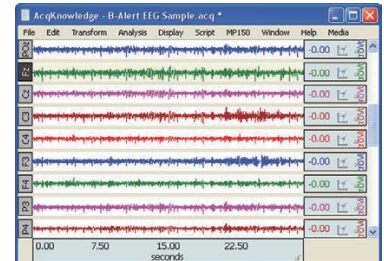
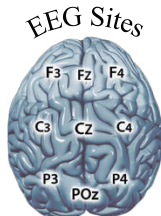


B-ALERT[®]X10

Wireless acquisition of 9 channels of high fidelity EEG plus ECG

*AcqKnowledge adds powerful analysis tools, including
automated scoring and reporting options*



- Comfortable and nonintrusive—set up in less than 5 minutes!
- Patented real-time artifact decontamination
- Automated EEG analysis routines for filtering & displaying EEG frequency bands, removing EOG artifacts, and performing a complete frequency analysis
- Multiple options for data synchronization with up to six simultaneous subjects
- Real-time cognitive state metrics add-on available for engagement, confusion/distraction, drowsiness, workload, and stress
- Neurocognitive assessment of susceptibility to effects of sleep deprivation & apnea

Cognitive State Metrics

For real-time monitoring of subject fatigue, stress, confusion, engagement and workload, add the B-Alert Cognitive State software with proprietary metrics to classify data from B-Alert Wireless EEG systems. The GUI intuitively represents both the raw and processed data for greater clarity and understanding.

Easy-to-read B-Alert dashboard facilitates analysis and is fully customizable:

- Gauges display B-Alert's highly validated second-by-second metrics
- Heat maps display EEG power spectral densities (PSD) for the traditional Hz bands

*Real-time GUI displays B-Alert Cognitive
State gauges with timeline, as well as EEG
heat maps and spectrograms*

GAUGES

Engagement, Workload,
Drowsiness, Heart Rate

HEAT MAPS

Spatial & Temporal EEG PSD
Beta, Alpha, Theta, Sigma

