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# Arc Will Change the Way You EEG

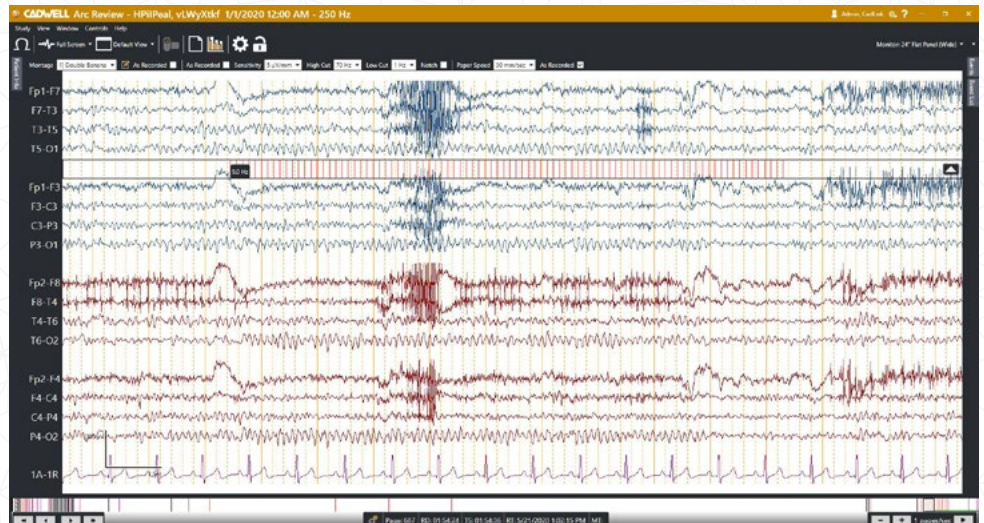
The Arc EEG software platform is the culmination of a decades-long collaboration with our customers responding to advances in brain monitoring.

We considered patient safety, signal quality, efficient workflow, and multi-user collaboration when we designed Arc software for you.

Arc EEG software offers smooth onboarding, simple operation, easy-to-interpret data, streamlined assessment tools, and a rich report generator.

## WITH ARC EEG, YOU CAN:

- **Save critical time.** Start a study with a single click, enter patient data later.
- **Capture important information.** Highlight videos, detect subtle movements, switch cameras, and add images to reports.
- **Enable wireless EEG.** Arc 3.1 enables Wi-Fi connectivity for remote ambulatory monitoring with Arc Apollo+ and Arc Voyager.
- **Review in record time.** Review and monitor live data simultaneously. Customize displays, auto-shade reviewed pages, and export just highlights. Quickly analyze EEG data frequency with automated FFT measurement tool.



Routine EEG with Photic Stimulation.

## ARC EEG SOFTWARE FEATURES

- Customize patient information fields and user-specific study types, views, montages, windows, displays, hot keys, and event buttons
- Switch users without interrupting studies
- Customize screen calibration to ensure appropriate display of EEG data regardless of monitor, and align and superimpose traces
- Choose Arc Synopsis® or Persyst® for digital analysis
- Support specialized Laplacian montages
- Customize report templates to create narratives quickly
- Anonymize studies, and export and share data with a universally compatible viewer
- Next-generation Application Programming Interface (API) functionality to access rich data and functionality in real-time and in post-processing
- Import and review Easy® III EEG records
- State-of-the-art Room Automation allows you to customize the relay of alerts, activate room hardware (lights, TV, etc.), and connect to third-party systems
- Improve care and capture important information with Synchronized Q-Video to see two views of the patient with one camera, detect subtle movements with accented colors so you don't miss seizures or abnormal movements, and add video screen capture and trace images to reports





aEEG Trends Left and Right

Customizable Event Markers

ICU Burst Suppression with Synopsis Trends.

Spectrogram Trend

Raw EEG Data



## REMOTELY MONITOR MULTIPLE PATIENTS FROM ONE CENTRAL COMPUTER

Arc Sentinel lets you monitor multiple patients from one computer with remote camera control, live video feed switching, viewing and reviewing EEG and video, viewing Arc Synopsis trends, entering events, and receive audible and visual alerts. Arc Sentinel is ideal for nurses' stations and control rooms.



## EASILY RECOGNIZE KEY EVENTS

Analyze EEG data patterns and display trend information customized to each user's requirements with Arc Synopsis® Trends and Detection.

Identify, filter, and set parameters for AEEG, Alpha:Delta, Band Power, Amplitude Asymmetry, Envelope, Spectrogram, and Spectral Entropy.

### Trends Package

- Display customized trends based on each patient's unique requirements
- Modify trends on the fly from any Arc PC
- Save complete trends setups

### Detection Package

- Includes Trends Package
- Detection Window enables adjustable threshold settings for ease of event identification and marking. Seizure View can consolidate files automatically to show only marked data.



## Arc Essentia for Routine, Clinical, EMU, ICU, NICU, and Outpatient EEG

### RUGGED 32-CHANNEL EEG FOR ADULT AND PEDIATRIC MONITORING

Arc Essentia® delivers high-quality EEG signals, even in noisy environments. Its rugged and water-resistant hardware can withstand the use and abuse of real-life clinical practice.

#### Amplifier

- Record up to 32-channels with seven active reference pairs and 250-2000 Hz storage rates
- Electrode continuity check and continuous impedance checking with LED indicators on the amplifier
- Rugged, drop-tested, and IP22 water-resistant.

#### Remote Input Box

- Color-coded, secure inputs and secure cable connectors ensures convenient setup, recording integrity, patient comfort, and amplifier protection

#### Arc Photic Stimulator

- Use any Arc amplifier with Arc USB Photic Stimulator (1-60 Hz), and USB oximetry sensor (*available in select markets*)

#### Patient Event Button

- Patients, caregivers, or family can mark clinical activity



Arc Essentia Amplifier, Arc Remote Input Box, and Arc Photic Stimulator.



### ARC ESSENTIA HELPS

- Evaluate cerebral function
- Evaluate EEG background, ischemic events, and clinical and subclinical seizures
- Identify neonatal seizures and monitor the effects of treatment
- Early assessment of outcome after a brain injury HIE, IVH or stroke EEG
- Early identification of pre-term brain injury
- Early evaluation of cerebral maturation

# The ICU/NICU Solution

Arc Essentia is a powerful and simple solution for long-term monitoring in intensive care environments.

- A single USB cable to the amplifier aids simple setup
- Poor electrode signal quality indicators for loose or dislodged electrodes
- Non-proprietary touchproof inputs support any electrodes: surface, needles, or caps
- Color-coded inputs on the Remote Input Box enable quick setup
- Easy to use and simple to learn software has touchscreen options
- Get visual and audible notifications of major events
- Expand the channel count on-the-fly
- Network patient data for real-time remote review (optional)
- Add respiratory effort channels to enhance clinical evaluation

