CADWELL®
Helping you help others

EEG MONITORING SOLUTIONS

ROUTINE · AMBULATORY · ICU · NICU · EMU

MADE IN THE USA *

www.cadwell.com

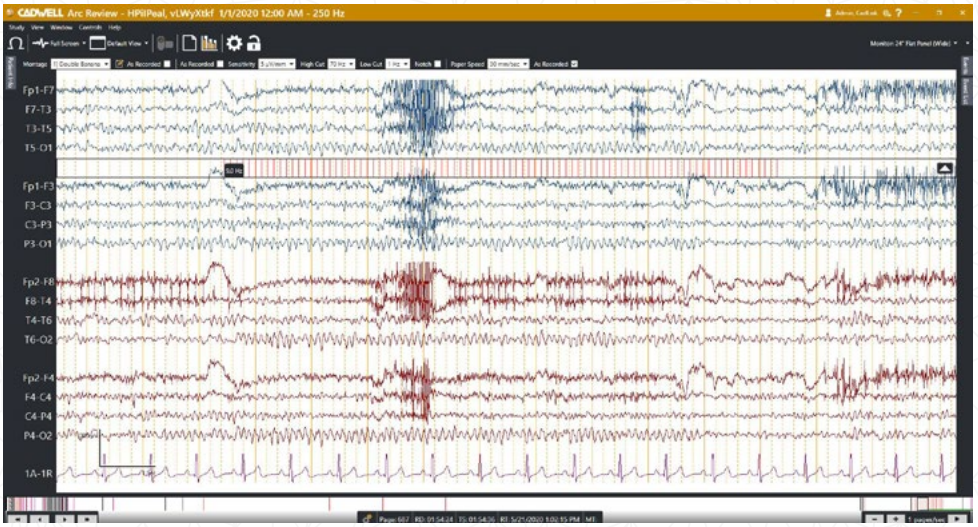
Arc EEG

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.



Routine EEG with Photic Stimulation.

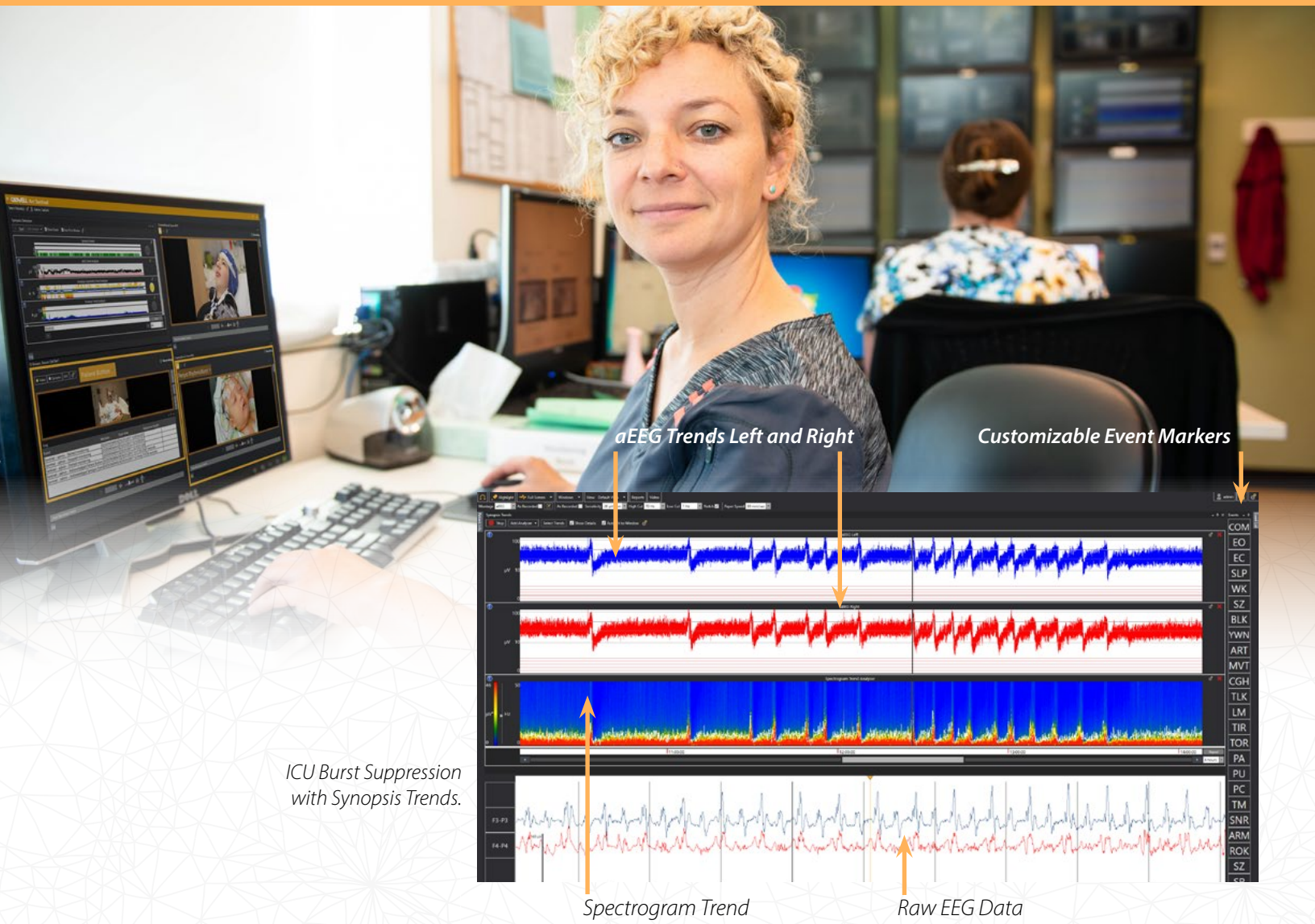
WITH ARC EEG, YOU CAN:

- **Save critical time.** Start a study with a single click, enter patent 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.

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

CITRIX Ready



ICU Burst Suppression with Synopsis Trends.

Arc Sentinel™

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.

Arc Synopsis®

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 Apollo+ flexible 32- and 64-Channel Amplifiers for LTM, EMU, ICU, NICU, CLINICAL, and In-Home EEG

COMPACT AND COMPREHENSIVE EEG

Arc Apollo+® is a 32-channel or 64-channel EEG solution for in-hospital, clinical, or at-home monitoring. Record continuous EEG with compact and lightweight wearable 32- and 64-channel amplifiers and a wireless-capable recorder.

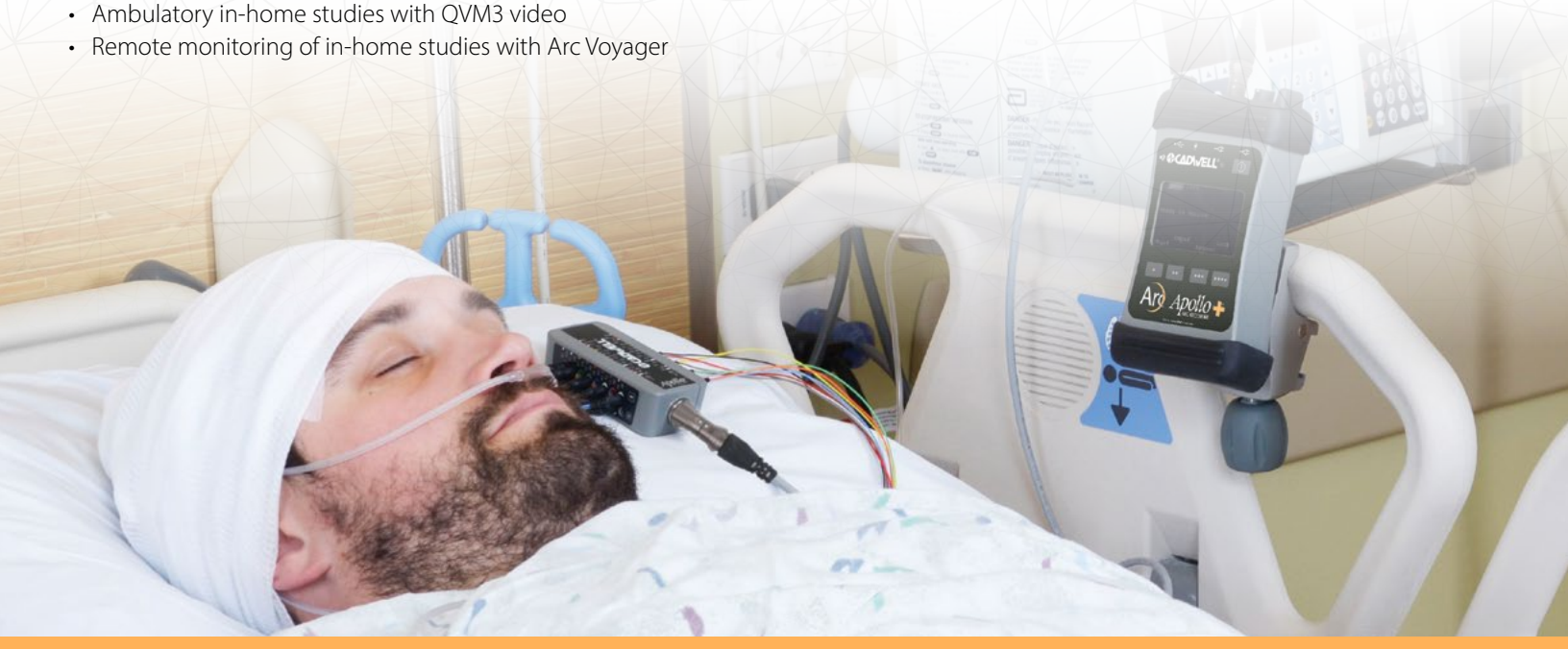
- Patients can move freely with continuous data acquisition, and impedance checking
- Enable ambulatory studies with programmable patient event buttons and rechargeable lithium-ion batteries
- Amplifiers feature large, clear labels and 10-20 patterns that comply with Jasper and ACNS standards
- Accessories include the external Patient Event Switch and Voice Event Microphone to simplify EEG-synchronized event marking, Arc Voyager and harnesses, and the Arc Photic Stimulator
- In-home monitoring options include:
  - Arc Voyager for remote continuous or intermittent monitoring
  - Q-Video® Mobile 3 (QVM3) for traditional post-hoc data reviewing

Arc Apollo+ 32-Channel Amplifier, Arc Apollo+ Recorder, and Arc Apollo+ 64-Channel Amplifier are rugged, drop-tested, and IP22 water-resistant.

Q-Video Mobile 3 (QVM3)

DEPLOY ARC APOLLO+ AS NEEDED

- Long-term monitoring in the ICU, NICU, or EMU
- Cardiac patients in the Emergency Room
- Ambulatory in-home studies with QVM3 video
- Remote monitoring of in-home studies with Arc Voyager



In-Home Wireless EEG with Remote Monitoring

Cadwell provides an accessible, dependable, and secure connection for real-time remote continuous or intermittent access via a Wi-Fi or cellular network connection.

- Arc Voyager™ is a wireless remote monitoring system featuring a durable case, an integrated HD camera with automatic infrared switching, a microphone, and a rugged tablet PC with an on-screen patient video display
- Arc 3.1 software enables wireless Wi-Fi connectivity between Arc Apollo+ and Arc Voyager
- Credentialed users can take remote control over the acquisition tablet PC to perform all required monitoring functions

SIMPLE SETUP

Ensure reliable data acquisition with minimal patient interaction. Complete patient setup in your office and send patients home with simple instructions to connect the Arc Voyager power cord to the case and power supply and make sure they can see themselves in the video display.

AUTOMATIC DATA BACKFILL ENABLES DAILY REPORTS

If a patient leaves the Wi-Fi range of Arc Voyager or experiences a bad data connection, the Arc Apollo+ Recorder will automatically backfill data to the Arc Voyager when the connection is restored.

Wireless EEG data capture with automatic data backfill eliminates difficult-to-read EEG data caused by wireless connection issues, ensures that monitoring and reporting activities are always working with a complete data set, and enables comprehensive real-time review for daily and post-hoc reporting.

MAXIMUM PATIENT COMFORT AND FREEDOM

With Arc Voyager and Arc Apollo+, patients benefit from untethered wearable EEG in their homes, maximizing their mobility, comfort, and freedom.